



PowerFlex AC Drive Performance Specifications per Ecodesign Regulation (EU) 2019/1781 and UK SI 2021 No. 745

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Summary of Changes

This publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes.

Topic	Page
Speed calculations were adjusted from 10% speed to 1% speed.	Throughout
Updated values to change Hp to kW.	Throughout
PowerFlex 753/755 230V tables were removed from the document.	3...21

Overview

The Ecodesign regulations EU 2019/1781 and UK SI 2021 No. 745 require that the drive meet the IE2 efficiency class. In order to meet the IE2 efficiency class, the complete drive module (CDM) power losses must be at least 25% lower than the reference drive (RCDM) power losses as defined by the regulation at the (90% speed, 100% torque) operating point. The regulation requires the publication of the CDM total losses to the CDM rated apparent power represented in % value (speed / torque). All calculations are expressed at operating points (% speed/torque values) for each drive class. In the CDM Losses tables, 0% speed is approximated at 1% speed. This publication lists energy efficiency performance data for Rockwell Automation PowerFlex drives. This data supports IE2 compliance of PowerFlex® low voltage drives per EU 2019/1781 and UK SI 2021 No. 745.

The following PowerFlex drive families are within the EU 2019/1781 and UK SI 2021 No. 745 defined scope and meet, or exceed, the IE2 requirement:

- PowerFlex 753/755
- PowerFlex 755TS
- PowerFlex 700H
- PowerFlex 523/525/527
- PowerFlex 70
- PowerFlex 700/700S
- PowerFlex 4
- PowerFlex 4M
- PowerFlex 40
- PowerFlex 40P
- PowerFlex 400
- Armor PowerFlex

The following PowerFlex drives are considered exempt from the efficiency requirements in accordance with Article 2 (3) of (EU) 2019/1781 and Schedule 16 Paragraph 10 (2) of UK SI 2021 No. 745.

Drive Family	Reasoning for Exemption from Efficiency Requirements
PowerFlex 700AFE	Regenerative Drive
PowerFlex 700L	Regenerative Drive
PowerFlex 755TL	Regenerative Drive
PowerFlex 755TR	Regenerative Drive

PowerFlex 753/755 AC Drives

These tables provide CDM losses for PowerFlex 753/755 AC drives.

Operating temperature and rated supply frequency can be found on the product label or in the publication [750-TD001](#).

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PowerFlex 753/755 Frame 1

208V Drive Information

	Rated Output Power ND (kW)				
	0.37	0.75	1.5	2.2	3.7
Rated Output Current (A)	2.5	4.8	7.8	11	15.3
Rated Apparent Power (kVA)	0.90	1.73	2.81	3.96	5.51
Standby Losses to S Rated (%)	6.0	3.1	1.9	1.4	1.0

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	60.0	62.1	60.2	60.5	60.8	59.6	59.3	59.2
	0.75	63.5	63.3	64.4	62.1	55.9	63.5	60.8	54.4
	1.5	59.8	60.1	63.4	59.7	57.6	64.4	58.3	55.7
	2.2	58.5	57.7	60.6	56.0	53.4	60.0	53.8	51.0
	3.7	58.8	56.5	59.1	53.6	50.2	57.3	50.8	47.7
Overall CDM Losses (W)	0.37	77.4	71.2	71.7	67.4	66.7	67.9	64.8	64.5
	0.75	100.7	82.9	91.0	77.5	72.0	84.2	73.5	69.2
	1.5	141.6	106.6	127.4	98.8	87.6	117.1	92.8	83.5
	2.2	175.0	125.5	151.2	113.1	98.1	134.3	104.0	92.2
	3.7	220.0	150.9	183.0	132.4	112.3	157.8	119.5	104.5
Percentage of Rated Apparent Power (%)	0.37	8.6	7.9	8.0	7.5	7.4	7.5	7.2	7.2
	0.75	5.8	4.8	5.3	4.5	4.2	4.9	4.3	4.0
	1.5	5.0	3.8	4.5	3.5	3.1	4.2	3.3	3.0
	2.2	4.4	3.2	3.8	2.9	2.5	3.4	2.6	2.3
	3.7	4.0	2.7	3.3	2.4	2.0	2.9	2.2	1.9

240V Drive Information

	Rated Output Power ND (kW)				
	0.37	0.75	1.5	2.2	3.7
Rated Output Current (A)	2.2	4.2	6.8	9.6	15.0
Rated Apparent Power (kVA)	0.9	1.7	2.7	3.8	6.1
Standby Losses to S Rated (%)	6.2	3.2	2.0	1.4	0.9

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	57.7	60.4	58.6	59.4	59.6	58.4	58.3	58.3
	0.75	57.8	60.6	60.1	59.8	59.3	60.2	58.5	57.7
	1.5	54.0	56.1	57.9	56.1	54.9	59.1	55.0	53.2
	2.2	52.0	53.0	54.7	52.0	50.4	54.8	50.4	48.4
	3.7	46.0	45.6	47.0	43.7	41.6	46.2	41.7	39.6
Overall CDM Losses (W)	0.37	77.4	71.2	71.7	67.4	66.7	67.9	64.8	64.5
	0.75	100.7	82.9	91.0	77.5	72.0	84.2	73.5	69.2
	1.5	141.6	106.6	127.4	98.8	87.6	117.1	92.8	83.5
	2.2	175.0	125.5	151.2	113.1	98.1	134.3	104.0	92.2
	3.7	220.0	150.9	183.0	132.4	112.3	157.8	119.5	104.5
Percentage of Rated Apparent Power (%)	0.37	8.5	7.9	8.0	7.5	7.5	7.6	7.3	7.2
	0.75	5.6	4.8	5.2	4.5	4.2	4.8	4.3	4.0
	1.5	4.7	3.7	4.3	3.4	3.1	4.0	3.2	2.9
	2.2	4.1	3.0	3.6	2.7	2.4	3.2	2.5	2.3
	3.7	3.7	2.5	3.1	2.2	1.9	2.7	2.0	1.8

400V Drive Information

	Rated Output Power ND (kW)					
	0.75	1.5	2.2	3.7	5.5	7.5
Rated Output Current (A)	2.1	3.5	5	8.7	11.5	15.4
Rated Apparent Power (kVA)	1.4	2.3	3.3	5.7	7.6	10.1
Standby Losses to S Rated (%)	3.8	2.8	2.0	1.1	0.9	0.5

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	52.8	54.7	56.9	56.1	54.5	58.7	56.6	54.8
	1.5	49.5	63.3	63.1	66.0	66.9	67.0	67.3	67.2
	2.2	51.8	58.2	59.5	61.0	61.4	63.6	62.3	61.7
	3.7	44.7	50.2	52.3	53.3	53.3	57.0	54.9	53.9
	5.5	40.6	50.2	52.3	53.3	53.3	57.0	54.9	53.9
	7.5	43.0	47.3	51.3	50.4	49.6	56.3	51.9	49.8
Overall CDM Losses (W)	0.75	75.0	67.4	73.3	66.6	63.7	71.7	65.7	63.3
	1.5	105.2	92.4	102.6	91.1	86.2	100.1	89.8	85.6
	2.2	123.7	103.1	119.6	101.0	93.4	115.7	99.0	92.4
	3.7	167.1	134.2	161.9	131.6	119.1	157.1	129.1	117.9
	5.5	204.2	149.1	189.0	131.6	119.1	177.7	129.1	117.9
	7.5	249.6	169.8	236.9	164.5	141.1	225.3	159.6	138.7

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of Rated Apparent Power (%)	0.75	5.4	4.8	5.2	4.8	4.6	5.1	4.7	4.5
	1.5	4.6	4.0	4.5	4.0	3.7	4.4	3.9	3.7
	2.2	3.7	3.1	3.6	3.1	2.8	3.5	3.0	2.8
	3.7	2.9	2.4	2.8	2.3	2.1	2.8	2.3	2.1
	5.5	2.7	2.0	2.5	1.9	1.6	2.3	1.7	1.6
	7.5	2.5	1.7	2.3	1.6	1.4	2.2	1.6	1.4

480V Drive Information

	Rated Output Power ND (kW)					
	0.75	1.5	2.2	3.7	5.5	7.5
Rated Output Current (A)	2.1	3.4	5	8	11	14
Rated Apparent Power (kVA)	1.7	2.7	4.0	6.4	8.8	11.2
Standby Losses to S Rated (%)	3.9	2.4	1.6	1.0	0.7	0.6

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	54.8	62.0	61.1	64.3	65.4	64.4	65.4	65.7
	1.5	55.9	63.3	63.1	66.0	66.9	67.0	67.3	67.2
	2.2	53.3	60.0	60.9	63.0	63.7	65.1	64.3	64.0
	3.7	47.1	53.9	62.0	60.6	59.7	75.6	66.0	61.9
	5.5	40.9	42.8	48.1	45.6	45.0	52.4	46.9	45.4
	7.5	40.6	45.4	48.7	48.5	47.9	53.6	50.0	48.2
Overall CDM Losses (W)	0.75	89.4	81.4	87.8	80.6	77.5	86.1	79.7	77.1
	1.5	105.2	92.4	102.6	91.1	86.2	100.1	89.8	85.6
	2.2	126.4	106.4	122.3	104.4	96.9	118.3	102.4	95.8
	3.7	176.0	144.0	192.0	149.5	133.3	208.4	155.2	135.5
	5.5	195.3	142.1	187.2	138.6	122.3	179.7	135.2	120.6
	7.5	235.9	162.9	224.7	158.3	136.4	214.3	153.8	134.2
Percentage of Rated Apparent Power (%)	0.75	5.3	4.8	5.2	4.7	4.6	5.1	4.7	4.5
	1.5	3.9	3.4	3.8	3.4	3.2	3.7	3.3	3.2
	2.2	3.2	2.7	3.1	2.6	2.4	3.0	2.6	2.4
	3.7	2.8	2.3	3.0	2.3	2.1	3.3	2.4	2.1
	5.5	2.2	1.6	2.1	1.6	1.4	2.0	1.5	1.4
	7.5	2.1	1.5	2.0	1.4	1.2	1.9	1.4	1.2

PowerFlex 753/755 Frame 2

208V Drive Information

	Rated Output Power ND (kW)					
	0.37	0.75	1.5	2.2	3.7	5.5
Rated Output Current (A)	2.5	4.8	7.8	11	17.5	22
Rated Apparent Power (kVA)	0.9	1.7	2.8	4.0	6.1	7.9
Standby Losses to S Rated (%)	6.0	3.1	1.9	1.4	1.0	0.7

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	67.8	67.9	61.8	61.7	61.9	57.9	58.0	58.1
	0.75	62.8	62.5	57.3	56.8	56.2	53.3	53.2	53.0
	1.5	59.1	59.2	57.6	55.8	54.5	55.5	53.1	51.9
	2.2	59.2	58.0	59.1	55.0	52.5	57.5	52.3	49.9
	3.7	57.7	56.1	58.5	53.5	50.4	57.0	50.8	47.8
	5.5	66.7	62.2	67.5	58.8	53.8	65.9	55.5	50.7
Overall CDM Losses (W)	0.37	87.4	77.9	73.6	68.7	68.0	65.9	63.4	63.2
	0.75	118.0	91.4	93.2	78.4	72.5	79.5	71.0	67.5
	1.5	140.1	105.0	115.8	92.4	83.0	101.0	84.4	77.7
	2.2	177.0	126.1	147.5	111.0	96.5	128.6	101.0	90.3
	3.7	215.8	149.9	180.9	132.1	112.5	157.2	119.5	104.7
	5.5	318.0	206.5	262.8	179.0	146.2	225.9	160.1	134.8
Percentage of Rated Apparent Power (%)	0.37	9.7	8.6	8.2	7.6	7.5	7.3	7.0	7.0
	0.75	6.8	5.3	5.4	4.5	4.2	4.6	4.1	3.9
	1.5	5.0	3.7	4.1	3.3	3.0	3.6	3.0	2.8
	2.2	4.5	3.2	3.7	2.8	2.4	3.2	2.5	2.3
	3.7	3.9	2.7	3.3	2.4	2.0	2.9	2.2	1.9
	5.5	4.0	2.6	3.3	2.3	1.8	2.9	2.0	1.7

240V Drive Information

	Rated Output Power ND (kW)					
	0.37	0.75	1.5	2.2	3.7	5.5
Rated Output Current (A)	2.2	4.2	6.8	9.6	15	22
Rated Apparent Power (kVA)	0.9	1.7	2.7	3.8	6.0	8.8
Standby Losses to S Rated (%)	6.2	3.2	2.0	1.4	0.9	0.6

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	63.9	65.1	59.9	60.4	60.6	57.0	57.3	57.3
	0.75	65.8	65.4	61.1	60.2	59.5	57.4	56.8	56.4
	1.5	53.2	55.1	53.2	52.8	52.3	52.2	50.8	50.1
	2.2	52.3	53.0	53.5	51.1	49.6	52.8	49.2	47.5
	3.7	43.6	44.3	46.0	43.4	41.6	46.2	41.9	39.7
	5.5	56.0	50.2	58.4	48.5	43.6	57.9	46.2	41.2

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Overall CDM Losses (W)	0.37	82.5	74.7	71.3	67.2	66.6	64.9	62.6	62.4
	0.75	107.3	85.8	87.8	75.5	70.5	76.7	69.3	66.2
	1.5	126.0	97.6	107.0	87.5	79.6	95.0	80.8	75.1
	2.2	156.5	115.3	133.4	103.3	91.2	118.2	95.1	85.9
	3.7	208.1	147.0	179.2	131.9	112.9	158.3	120.7	105.7
	5.5	325.6	180.2	269.5	158.2	123.9	231.7	142.0	114.8
Percentage of Rated Apparent Power (%)	0.37	9.4	8.5	8.1	7.7	7.6	7.4	7.2	7.1
	0.75	6.4	5.1	5.2	4.5	4.2	4.6	4.1	4.0
	1.5	4.7	3.6	3.9	3.2	2.9	3.5	3.0	2.8
	2.2	4.1	3.0	3.5	2.7	2.4	3.1	2.5	2.2
	3.7	3.5	2.5	3.0	2.2	1.9	2.6	2.0	1.8
	5.5	3.7	2.1	3.1	1.8	1.4	2.6	1.6	1.3

400V Drive Information

	Rated Output Power ND (kW)						
	0.75	1.5	2.2	3.7	5.5	7.5	11
Rated Output Current (A)	2.1	3.5	5	8.7	11.5	15.4	22
Rated Apparent Power (kVA)	1.4	2.3	3.3	5.7	7.6	10.1	14.5
Standby Losses to S Rated (%)	3.9	2.3	1.6	0.9	0.7	0.5	0.4

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	50.6	54.2	54.9	55.8	54.9	57.1	56.6	55.3
	1.5	45.7	52.5	51.7	54.9	56.0	55.1	56.1	56.4
	2.2	42.9	49.5	49.3	52.1	53.2	53.0	53.4	53.5
	3.7	39.2	44.0	45.7	46.6	46.6	49.5	47.9	47.0
	5.5	39.0	43.2	45.9	45.9	45.6	50.0	47.2	45.9
	7.5	42.3	44.9	50.6	47.8	46.2	55.6	49.2	46.4
	11.0	41.6	44.9	49.4	47.8	46.3	53.7	48.9	46.5
Overall CDM Losses (W)	0.75	71.8	66.8	70.8	66.2	64.2	69.7	65.7	63.9
	1.5	85.8	76.8	84.0	75.8	72.2	82.2	74.9	71.8
	2.2	101.8	87.8	99.1	86.4	80.9	96.4	85.0	80.2
	3.7	146.7	117.7	141.4	115.1	104.1	136.3	112.6	102.9
	5.5	186.2	143.3	178.6	139.6	123.7	171.4	136.1	122.0
	7.5	246.0	161.3	233.5	156.2	131.6	222.3	151.4	129.3
	11.0	325.1	206.7	300.9	197.4	164.0	279.1	188.7	160.0
Percentage of Rated Apparent Power (%)	0.75	5.1	4.8	5.1	4.7	4.6	5.0	4.7	4.6
	1.5	3.7	3.3	3.7	3.3	3.1	3.6	3.3	3.1
	2.2	3.1	2.7	3.0	2.6	2.5	2.9	2.6	2.4
	3.7	2.6	2.1	2.5	2.0	1.8	2.4	2.0	1.8
	5.5	2.5	1.9	2.4	1.8	1.6	2.3	1.8	1.6
	7.5	2.4	1.6	2.3	1.5	1.3	2.2	1.5	1.3
	11.0	2.2	1.4	2.1	1.4	1.1	1.9	1.3	1.1

480V Drive Information

	Rated Output Power ND (kW)						
	0.75	1.5	2.2	3.7	5.5	7.5	11.0
Rated Output Current (A)	2.1	3.4	5	8	11	14	22
Rated Apparent Power (kVA)	1.7	2.7	4.0	6.4	8.8	11.2	17.5
Standby Losses to S Rated (%)	3.5	2.1	1.5	0.9	0.7	0.5	0.3

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	47.3	54.7	53.0	56.8	58.3	56.2	58.0	58.6
	1.5	48.5	56.0	55.0	58.5	59.8	58.7	59.9	60.2
	2.2	46.0	53.1	52.9	55.9	57.1	57.0	57.4	57.5
	3.7	39.2	44.7	45.8	47.4	47.7	49.8	48.8	48.2
	5.5	40.2	41.1	47.3	43.8	42.8	51.5	45.0	43.1
	7.5	38.0	41.7	45.5	44.5	43.7	50.0	45.8	43.9
	11	43.3	47.1	51.6	50.3	48.9	56.4	51.7	49.2
Overall CDM Losses (W)	0.75	77.2	71.8	76.1	71.2	69.0	75.1	70.7	68.8
	1.5	91.1	81.8	89.3	80.8	77.1	87.6	79.9	76.6
	2.2	109.0	94.1	106.2	92.7	86.8	103.6	91.3	86.1
	3.7	146.7	119.4	141.8	117.0	106.5	137.2	114.7	105.4
	5.5	191.9	136.5	184.0	133.1	116.2	176.7	129.8	114.6
	7.5	220.9	149.7	209.9	145.1	124.4	200.0	140.8	122.3
	11	337.9	217.1	314.3	207.9	173.2	293.2	199.4	169.2
Percentage of Rated Apparent Power (%)	0.75	4.5	4.2	4.5	4.2	4.1	4.4	4.2	4.0
	1.5	3.4	3.0	3.3	3.0	2.9	3.2	3.0	2.8
	2.2	2.7	2.4	2.7	2.3	2.2	2.6	2.3	2.2
	3.7	2.3	1.9	2.2	1.8	1.7	2.1	1.8	1.6
	5.5	2.2	1.6	2.1	1.5	1.3	2.0	1.5	1.3
	7.5	2.0	1.3	1.9	1.3	1.1	1.8	1.3	1.1
	11	1.9	1.2	1.8	1.2	1.0	1.7	1.1	1.0

PowerFlex 753/755 Frame 3

208V Drive Information

	Rated Output Power ND (kW)	
	7.5	11
Rated Output Current (A)	32.2	43
Rated Apparent Power (kVA)	11.6	15.5
Standby Losses to S Rated (%)	0.5	0.4

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	51.7	47.9	54.8	46.6	41.6	53.4	43.6	38.9
	11	55.0	51.9	60.0	51.4	45.7	60.2	49.0	43.2
Overall CDM Losses (W)	7.5	403.5	220.7	333.5	192.5	147.2	277.7	168.1	133.9
	11	555.4	299.4	466.9	263.8	197.7	395.7	233.1	181.1
Percentage of Rated Apparent Power (%)	7.5	3.5	1.9	3.2	1.7	1.3	2.7	1.6	1.2
	11	3.6	1.9	3.0	1.7	1.3	2.6	1.5	1.2

240V Drive Information

	Rated Output Power ND (kW)	
	7.5	11
Rated Output Current (A)	28	42
Rated Apparent Power (kVA)	11.2	16.7
Standby Losses to S Rated (%)	0.5	0.3

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	44.3	42.8	47.8	42.2	38.5	47.4	40.0	36.3
	11	54.9	52.4	60.5	52.4	46.7	61.5	50.3	44.4
Overall CDM Losses (W)	7.5	345.7	197.2	291.1	174.5	136.4	246.4	154.2	124.9
	11	554.4	302.4	471.0	268.5	202.1	403.9	239.3	186.0
Percentage of Rated Apparent Power (%)	7.5	3.1	1.8	2.6	1.6	1.2	2.2	1.4	1.1
	11	3.3	1.8	2.8	1.6	1.2	2.4	1.4	1.1

400V Drive Information

	Rated Output Power ND (kW)		
	15	18.5	22
Rated Output Current (A)	30	37	43
Rated Apparent Power (kVA)	19.8	24.4	28.3
Standby Losses to S Rated (%)	0.3	0.2	0.2

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15.0	41.0	43.3	49.4	46.4	44.2	54.7	47.8	44.4
	18.5	40.8	42.1	49.1	44.7	42.2	53.8	45.6	42.1
	22.0	46.1	49.8	56.5	53.7	51.0	63.1	55.9	51.3

400V Drive Loss Summary (Continued)

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Overall CDM Losses (W)	15.0	414.5	250.0	384.7	238.1	191.4	359.3	227.3	186.3
	18.5	492.9	285.0	453.2	268.4	211.0	416.9	252.7	203.3
	22.0	649.2	387.7	604.6	369.6	289.9	564.7	352.6	281.7
Percentage of Rated Apparent Power (%)	15.0	2.1	1.3	1.9	1.2	1.0	1.8	1.1	0.9
	18.5	2.0	1.2	1.9	1.1	0.9	1.7	1.0	0.8
	22.0	2.3	1.4	2.1	1.3	1.0	2.0	1.2	1.0

480V Drive Information

	Rated Output Power ND (kW)		
	15	18.5	22
Rated Output Current (A)	27	34	40
Rated Apparent Power (kVA)	21.5	27.1	31.9
Standby Losses to S Rated (%)	0.3	0.2	0.2

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	38.1	41.2	46.2	44.4	42.7	51.3	45.8	43.0
	18.5	41.0	43.3	49.8	46.3	44.0	55.1	47.5	44.1
	22	45.9	50.2	56.6	54.4	51.8	63.6	56.8	52.3
Overall CDM Losses (W)	15	384.9	238.0	359.2	227.6	184.9	337.0	218.1	180.3
	18.5	495.0	292.9	459.3	277.9	219.7	426.5	263.5	212.7
	22	646.0	390.7	605.5	374.1	294.5	569.0	358.5	286.9
Percentage of Rated Apparent Power (%)	15	1.8	1.1	1.7	1.1	0.9	1.6	1.0	0.8
	18.5	1.8	1.1	1.7	1.0	0.8	1.6	1.0	0.8
	22	2.0	1.2	1.9	1.2	0.9	1.8	1.1	0.9

600V Drive Information

	Rated Output Power ND (kW)							
	0.75	1.5	2.2	3.7	5.5	7.5	11	15
Rated Output Current (A)	1.7	2.7	3.9	6.1	9	11	17	22
Rated Apparent Power (kVA)	1.7	2.7	3.9	6.1	9.0	11.0	17.0	21.9
Standby Losses to S Rated (%)	3.6	2.3	1.6	1.0	0.7	0.6	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	57.1	61.3	62.1	63.1	62.1	64.6	64.0	62.5
	1.5	52.1	60.7	59.1	63.5	65.1	63.2	65.0	65.5
	2.2	50.5	59.9	58.3	63.3	65.2	63.1	65.0	65.7
	3.7	45.1	54.8	53.2	58.4	60.5	58.3	60.4	35.3
	5.5	50.9	59.2	60.6	63.6	65.5	66.9	66.0	66.2
	7.5	53.7	70.7	65.8	76.5	81.0	74.0	80.0	82.0
	11	62.5	84.3	77.8	92.4	98.8	88.8	97.4	100.8
	15	56.2	74.1	70.5	81.8	86.8	80.9	86.5	88.6

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Overall CDM Losses (W)	0.75	81.1	75.5	80.0	74.9	72.5	79.0	74.3	72.2
	1.5	97.9	88.7	96.1	87.7	83.9	94.4	86.8	83.5
	2.2	119.8	106.2	117.2	104.8	99.2	114.7	103.5	98.5
	3.7	168.7	146.4	164.6	144.3	135.2	160.6	142.2	134.1
	5.5	242.6	196.5	235.8	193.3	177.8	229.5	190.1	176.2
	7.5	312.2	253.8	303.7	249.8	230.4	295.9	246.0	228.5
	11	488.0	388.4	474.1	382.0	349.9	461.6	375.9	346.8
	15	567.2	428.0	548.3	419.5	375.6	531.7	411.6	371.6
Percentage of Rated Apparent Power (%)	0.75	4.8	4.4	4.7	4.4	4.3	4.6	4.4	4.2
	1.5	3.6	3.3	3.6	3.2	3.1	3.5	3.2	3.1
	2.2	3.1	2.7	3.0	2.7	2.5	2.9	2.7	2.5
	3.7	2.8	2.4	2.7	2.4	2.2	2.6	2.3	2.2
	5.5	2.7	2.2	2.6	2.1	2.0	2.6	2.1	2.0
	7.5	2.8	2.3	2.8	2.3	2.1	2.7	2.2	2.1
	11	2.9	2.3	2.8	2.2	2.1	2.7	2.2	2.0
	15	2.6	2.0	2.5	1.9	1.7	2.4	1.9	1.7

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208V Drive Information

	Rated Output Power ND (kW)	
	15	
Rated Output Current (A)	60	
Rated Apparent Power (kVA)	21.6	
Standby Losses to S Rated (%)	0.3	

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15.0	48.0	46.8	52.5	46.0	41.7	51.9	43.0	38.8
Overall CDM Losses (W)	15.0	578.8	316.5	483.9	275.9	208.1	401.8	238.4	187.3
Percentage of Rated Apparent Power (%)	15.0	2.7	1.5	2.2	1.3	1.0	1.9	1.1	0.9

240V Drive Information

	Rated Output Power ND (kW)	
	15	
Rated Output Current (A)	54	
Rated Apparent Power (kVA)	21.5	
Standby Losses to S Rated (%)	0.3	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	48.5	48.6	54.1	49.1	45.2	55.7	47.8	43.6
Overall CDM Losses (W)	15	585.1	328.9	499.2	294.5	255.6	431.0	264.9	210.5
Percentage of Rated Apparent Power (%)	15	2.7	1.5	2.3	1.4	0.9	2.0	1.2	1.0

400V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	60	72
Rated Apparent Power (kVA)	39.5	47.4
Standby Losses to S Rated (%)	0.2	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	33.6	37.2	40.6	39.8	38.4	44.5	40.7	38.3
	37	34.0	37.0	41.1	39.7	37.9	45.1	40.5	37.8
Overall CDM Losses (W)	30	624.2	375.3	568.5	351.6	278.9	518.7	329.3	267.9
	37	766.2	447.4	694.9	417.7	326.3	632.1	390.2	312.9
Percentage of Rated Apparent Power (%)	30	1.6	1.0	1.4	0.9	0.7	1.3	0.8	0.7
	37	1.6	0.9	1.5	0.9	0.7	1.3	0.8	0.7

480V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	52	65
Rated Apparent Power (kVA)	41.4	51.8
Standby Losses to S Rated (%)	0.2	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	29.9	34.0	36.3	36.5	35.6	40.0	37.5	35.7
	37	25.9	27.1	30.2	28.2	26.4	31.9	27.9	25.7
Overall CDM Losses (W)	30	547.6	314.1	479.1	286.2	220.9	418.6	259.7	207.5
	37	709.6	423.4	647.0	397.0	313.2	591.5	372.4	301.1
Percentage of Rated Apparent Power (%)	30	1.3	0.8	1.2	0.7	0.5	1.0	0.6	0.5
	37	1.4	0.8	1.2	0.8	0.6	1.1	0.7	0.6

600V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	27	32
Rated Apparent Power (kVA)	26.0	31.9
Standby Losses to S Rated (%)	0.3	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	60.1	84.2	76.8	93.5	102.2	89.3	99.6	104.9
	22	60.8	84.9	78.1	94.6	103.4	91.2	101.4	106.2
Overall CDM Losses (W)	18.5	725.4	569.4	708.5	560.9	510.7	691.6	552.4	506.2
	22	855.8	660.4	835.8	650.3	588.1	815.8	640.2	582.9
Percentage of Rated Apparent Power (%)	18.5	2.8	2.2	2.7	2.2	2.0	2.7	2.1	1.9
	22	2.7	2.1	2.6	2.0	1.8	2.6	2.0	1.8

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208V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	78.2	92
Rated Apparent Power (kVA)	28.2	33.2
Standby Losses to S Rated (%)	0.3	0.3

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	50.7	49.8	55.8	48.8	43.9	54.4	45.0	40.2
	22.0	47.0	46.5	52.6	46.4	41.7	52.0	43.0	38.5
Overall CDM Losses (W)	18.5	714.5	387.2	596.9	335.4	249.5	486.5	283.9	220.8
	22.0	873.3	469.0	737.1	409.2	302.7	606.0	348.6	269.2
Percentage of Rated Apparent Power (%)	18.5	2.8	1.4	2.1	1.2	0.9	1.9	1.0	0.8
	22.0	2.9	1.4	2.2	1.2	0.9	2.0	1.1	0.8

240V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	70	80
Rated Apparent Power (kVA)	27.9	31.9
Standby Losses to S Rated (%)	0.3	0.3

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	44.8	45.2	49.7	44.7	40.9	49.0	41.6	37.7
	22	40.0	41.1	45.2	41.3	38.0	45.2	38.7	35.2
Overall CDM Losses (W)	18.5	630.3	352.0	532.0	307.5	232.7	438.3	262.5	206.8
	22	743.0	414.1	633.8	364.6	275.6	526.9	313.4	246.3
Percentage of Rated Apparent Power (%)	18.5	2.3	1.3	1.9	1.1	0.8	1.6	0.9	0.7
	22	2.3	1.3	2.0	1.1	0.9	1.7	1.0	0.8

400V Drive Information

	Rated Output Power ND (kW)		
	37	45	55
Rated Output Current (A)	72	85	104
Rated Apparent Power (kVA)	47.4	56.0	68.5
Standby Losses to S Rated (%)	0.2	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	37	26.4	27.5	30.3	28.2	26.2	31.2	27.3	25.2
	45	32.2	35.0	38.6	37.1	35.5	42.0	37.5	35.2
	55	34.5	36.4	41.4	38.8	36.5	45.1	39.4	36.2

400V Drive Loss Summary (Continued)

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Overall CDM Losses (W)	37	714.7	394.8	612.3	352.8	265.8	519.9	312.5	245.5
	45	868.1	501.9	780.2	464.6	359.5	700.4	429.3	342.2
	55	1116.3	614.5	998.7	565.6	423.9	893.7	519.9	401.6
Percentage of Rated Apparent Power (%)	37	1.5	0.8	1.3	0.7	0.6	1.1	0.7	0.5
	45	1.6	0.9	1.4	0.8	0.6	1.3	0.8	0.6
	55	1.6	0.9	1.5	0.8	0.6	1.3	0.8	0.6

480V Drive Information

	Rated Output Power ND (kW)		
	37	45	55
Rated Output Current (A)	65	77	96
Rated Apparent Power (kVA)	51.8	61.4	76.5
Standby Losses to S Rated (%)	0.2	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	37	24.7	26.5	28.6	27.3	25.8	29.7	26.7	25.0
	45	30.0	32.7	36.3	34.7	33.0	39.6	35.2	32.7
	55	32.3	34.6	39.0	37.1	35.0	42.7	37.8	34.9
Overall CDM Losses (W)	37	668.5	379.4	577.8	342.0	261.7	495.6	305.9	243.5
	45	810.7	468.7	732.2	434.8	333.7	660.6	402.6	317.8
	55	1047.1	584.9	941.6	540.5	407.1	846.5	498.7	386.7
Percentage of Rated Apparent Power (%)	37	1.3	0.7	1.1	0.7	0.5	1.0	0.6	0.5
	45	1.3	0.8	1.2	0.7	0.5	1.1	0.7	0.5
	55	1.4	0.8	1.2	0.7	0.5	1.1	0.7	0.5

600V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	41	52
Rated Apparent Power (kVA)	40.8	51.8
Standby Losses to S Rated (%)	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	53.7	75.7	69.0	84.9	92.7	80.4	90.7	95.2
	37	60.7	86.7	78.4	97.7	107.8	91.7	104.8	111.0
Overall CDM Losses (W)	30	998.3	763.1	967.3	748.8	672.8	936.3	734.4	665.6
	37	1367.5	1047.4	1326.2	1028.6	927.2	1284.8	1009.8	917.8
Percentage of Rated Apparent Power (%)	30	2.4	1.9	2.4	1.8	1.6	2.3	1.8	1.6
	37	2.6	2.0	2.6	2.0	1.8	2.5	1.9	1.8

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208V Drive Information

	Rated Output Power ND (kW)					
	22	30	37	45	55	66
Rated Output Current (A)	92	120	150	177	221	260
Rated Apparent Power (kVA)	33.15	43.2	54.0	63.8	79.6	93.7
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.2	0.1	0.1

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	22	50.6	51.0	52.7	48.1	44.3	49.5	42.4	38.8
	30	54.7	53.3	58.6	51.2	45.9	62.9	45.9	40.7
	37	49.5	50.3	54.6	48.8	44.4	52.8	43.4	38.8
	45	51.0	49.5	56.2	48.4	42.5	54.7	43.1	37.2
	55	55.6	52.8	60.5	51.3	44.3	58.6	45.6	38.7
	66	59.0	52.9	64.3	51.9	43.4	63.4	47.9	39.8
Overall CDM Losses (W)	22	940.2	513.8	738.5	424.1	321.3	576.2	343.5	271.0
	30	1231.3	644.3	992.1	539.5	394.8	881.6	442.4	336.6
	37	1335.2	720.8	1102.8	611.4	449.4	880.9	496.7	377.5
	45	1651.0	836.5	1357.0	704.7	493.9	1085.6	569.6	412.2
	55	2110.8	1041.1	1710.5	869.7	597.9	1358.0	700.6	499.6
	66	2632.8	1254.3	2123.4	1044.1	702.5	1690.4	843.3	589.0
Percentage of Rated Apparent Power (%)	22	2.8	1.6	2.2	1.3	1.0	2.0	1.0	0.8
	30	3.1	1.5	2.6	1.2	0.9	2.1	1.0	0.8
	37	2.5	1.3	2.0	1.1	0.8	1.6	0.9	0.7
	45	2.6	1.3	2.1	1.1	0.8	1.9	0.9	0.6
	55	2.7	1.3	2.1	1.1	0.8	1.7	0.9	0.6
	66	2.8	1.3	2.3	1.1	0.7	1.8	0.9	0.6

240V Drive Information

	Rated Output Power ND (kW)					
	22	30	37	45	55	75
Rated Output Current (A)	80	104	130	154	192	260
Rated Apparent Power (kVA)	31.9	41.4	51.8	61.3	76.5	103.6
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.25	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	22	43.3	45.6	45.8	43.5	41.0	48	38.5	35.8
	30	51.7	46.9	55.9	45.4	41.7	54.3	40.8	36.9
	37	42.3	44.9	47.0	43.7	40.7	45.7	38.8	35.2
	45	43.2	43.9	48.1	43.0	38.8	47.0	38.4	33.7
	55	46.7	46.3	51.5	45.2	40.0	50.2	40.3	34.8
	75	51.2	48.0	56.2	46.9	40.1	55.3	42.0	35.2

240V Drive Loss Summary (Continued)

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Overall CDM Losses (W)	22	804.5	460.1	641.9	383.6	297.7	559.3	311.8	250.3
	30	1164.5	566.7	945.5	478.4	359.0	760.7	393.5	305.1
	37	1141.2	643.7	950.2	547.3	412.2	761.5	443.3	342.7
	45	1400.1	741.1	1161.2	626.9	451.0	933.0	506.3	373.4
	55	1773.4	911.7	1453.8	766.8	540.4	1162.1	619.0	449.4
	75	2646.4	1273.7	2152.4	1066.2	721.8	1730.4	866.6	605.9
Percentage of Rated Apparent Power (%)	22	2.8	1.4	2.0	1.2	0.9	1.8	1.0	0.8
	30	2.8	1.4	2.3	1.2	0.9	1.8	0.9	0.7
	37	2.2	1.2	1.8	1.1	0.8	1.5	0.9	0.7
	45	2.3	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	55	2.3	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	75	2.6	1.2	2.1	1.0	0.7	1.7	0.8	0.6

400V Drive Information

	Rated Output Power ND (kW)				
	55	75	90	110	132
Rated Output Current (A)	104	140	170	205	260
Rated Apparent Power (kVA)	68.5	92.2	111.9	134.9	171.1
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	55	24.9	25.5	27.6	25.7	23.8	27.8	24.6	22.5
	75	34.8	38.7	42.3	41.7	40.5	46.5	42.6	40.2
	90	32.5	35.1	39.2	37.6	35.6	43.1	38.0	35.1
	110	38.5	42.3	49.3	47.0	44.0	57.7	49.3	44.4
	132	41.8	45.7	52.6	50.1	47.3	59.9	52.0	47.1
Overall CDM Losses (W)	55	1083.8	571.7	890.3	495.4	363.7	735.5	428.8	330.0
	75	1515.2	869.4	1365.9	804.7	620.2	1230.7	743.6	589.9
	90	1677.6	930.8	1502.7	854.8	639.3	1348.6	784.2	604.0
	110	2139.2	1153.4	1938.4	1065.2	783.4	1767.9	984.6	742.7
	132	2777.9	1486.9	2461.6	1356.3	995.7	2194.2	1238.1	937.8
Percentage of Rated Apparent Power (%)	55	1.6	0.8	1.3	0.7	0.5	1.1	0.6	0.5
	75	1.6	0.9	1.5	0.9	0.7	1.3	0.8	0.6
	90	1.5	0.8	1.3	0.8	0.6	1.2	0.7	0.5
	110	1.6	0.9	1.4	0.8	0.6	1.3	0.7	0.6
	132	1.6	0.9	1.4	0.8	0.6	1.3	0.7	0.5

480V Drive Information

	Rated Output Power ND (kW)				
	55	75	90	110	132
Rated Output Current (A)	96	125	156	186	248.0
Rated Apparent Power (kVA)	76.5	99.6	124.3	248	197.6
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	55	24.4	25.4	27.5	26.0	24.3	28.2	25.2	23.3
	75	32.8	36.8	40.2	39.9	39.0	44.6	41.1	38.9
	90	30.9	34.3	37.6	36.9	35.5	41.5	37.6	35.2
	110	35.7	40.3	45.9	45.0	42.7	53.9	47.4	43.3
	132	41.1	45.7	52.0	50.4	48.0	59.6	52.6	47.9
Overall CDM Losses (W)	55	1061.0	570.2	887.4	501.2	372.3	747.0	440.3	341.3
	75	1425.7	827.3	1296.7	770.5	597.0	1178.6	716.5	570.0
	90	1594.9	909.6	1438.6	840.8	638.7	1299.1	776.3	606.3
	110	1981.9	1098.9	1804.9	1019.8	761.7	1651.8	946.9	724.7
	132	2730.6	1487.2	2435.5	1364.0	1010.1	2183.3	1251.7	954.9
Percentage of Rated Apparent Power (%)	55	1.4	0.7	1.2	0.7	0.5	1.0	0.6	0.4
	75	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	90	1.3	0.7	1.2	0.7	0.5	1.0	0.6	0.5
	110	1.3	0.7	1.2	0.6	0.4	1.0	0.5	0.4
	132	1.4	0.8	1.2	0.7	0.5	1.1	0.6	0.5

600V Drive Information

	Rated Output Power ND (kW)												
	7.5	11	15	15 ⁽¹⁾	18.5	22	30	37	45	55	75	90	110
Rated Output Current (A)	12	18	23	24	28	33	42	53	63	77	99	125	144
Rated Apparent Power (kVA)	12.0	17.9	22.9	23.9	27.9	32.9	41.8	52.8	62.7	76.7	98.6	124.5	143.4
Standby Losses to S Rated (%)	1.7	1.2	0.9	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.1

(1) 15 kW, 24 A

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	59.3	80.7	72.4	87.3	93.4	81.1	91.0	94.5
	11	53.7	72.7	66.3	79.2	84.3	74.8	82.9	85.6
	15	39.9	53.2	48.7	57.6	61.5	54.2	59.9	62.2
	15 ⁽¹⁾	35.1	47.1	43	51.1	54.8	48	53.5	55.4
	18.5	46.1	62.0	57.6	67.9	72.3	65.5	71.3	73.5
	22	44.6	59.5	56.0	65.3	69.2	63.7	68.9	70.4
	30	40.8	53.6	51.3	59.1	62.0	58.5	62.2	63.0
	37	41.0	52.6	51.5	58.1	60.2	58.8	61.1	61.2
	45	38.5	49.4	48.6	54.5	56.2	55.7	57.4	57.2
	55	38.1	48.5	48.2	54.0	55.6	55.3	57.1	56.9
	75	35.8	44.5	45.3	49.5	50.3	51.9	52.4	51.1
	90	37.8	45.8	47.8	50.9	51.0	54.7	53.5	51.7
	100	41.0	51.1	54.1	58.5	58.5	64.9	63.3	60.4

600V Drive Loss Summary (Continued)

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Overall CDM Losses (W)	7.5	344.5	289.8	334.4	284.8	265.9	324.4	279.8	263.3
	11	419.4	335.0	403.9	327.5	298.6	388.7	320.0	294.7
	15	482.1	359.9	449.3	345.6	307.3	419.6	331.9	300.1
	15 ⁽¹⁾	493.9	366.5	460.2	351.7	311.6	429.4	337.5	304.2
	18.5	556.4	419.3	531.6	407.4	361.1	507.2	395.5	355.1
	22	628.5	463.4	598.7	449.1	393.9	569.6	435.1	386.7
	30	758.3	540.3	719.3	521.9	449.8	681.5	503.7	440.5
	37	922.9	635.6	872.0	611.9	518.2	822.9	588.6	506.4
	45	1038.7	708.6	982.4	681.9	569.5	928.9	656.0	556.2
	55	1234.8	819.5	1163.9	786.3	646.4	1097.1	754.2	629.9
	75	1557.4	999.4	1461.9	955.6	770.6	1373.2	913.5	749.2
	90	1955.8	1215.4	1828.8	1158.4	917.3	1712.7	1104.1	889.9
	100	2277.4	1394.4	2125.7	1327.2	1043.1	1988.5	1263.7	1011.2
Percentage of Rated Apparent Power (%)	7.5	2.9	2.4	2.8	2.4	2.2	2.7	2.3	2.2
	11	2.3	1.9	2.3	1.8	1.7	2.2	1.8	1.6
	15	2.1	1.6	2.0	1.5	1.3	1.8	1.4	1.3
	15 ⁽¹⁾	2.1	1.5	1.9	1.5	1.3	1.8	1.4	1.3
	18.5	2.0	1.5	1.9	1.5	1.3	1.8	1.4	1.3
	22	1.9	1.4	1.8	1.4	1.2	1.7	1.3	1.2
	30	1.8	1.3	1.7	1.2	1.1	1.6	1.2	1.1
	37	1.7	1.2	1.7	1.2	1.0	1.6	1.1	1.0
	45	1.7	1.1	1.6	1.1	0.9	1.5	1.0	0.9
	55	1.6	1.1	1.5	1.0	0.8	1.4	1.0	0.8
	75	1.6	1.0	1.5	1.0	0.8	1.4	0.9	0.8
	90	1.6	1.0	1.5	0.9	0.7	1.4	0.9	0.7
	100	1.6	1.0	1.5	0.9	0.7	1.4	0.9	0.7

(1) 15 kW, 24 A

690V Drive Information

	Rated Output Power ND (kW)												
	7.5	11	15	18.5	22	30	37	45	55	75	90	110	132
Rated Output Current (A)	12	15	20	23	30	34	46	50	61	82	98	119	142
Rated Apparent Power (kVA)	13.7	17.2	22.9	26.3	34.3	38.9	52.6	57.2	69.7	93.7	112.1	136.0	162.3
Standby Losses to S Rated (%)	1.5	1.2	0.9	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	63.6	86.4	77.9	93.5	100.0	87.4	97.7	101.2
	11.0	52.3	72.3	65.0	79.1	84.9	73.7	83.1	86.5
	15.0	46.9	64.3	58.6	70.7	75.6	66.8	74.5	77.1
	18.5	42.7	58.5	53.6	64.4	69.1	61.4	67.9	70.5
	22.0	43.3	57.8	54.5	63.6	67.4	62.3	67.3	68.6
	30.0	36.3	48.7	46.0	54.0	57.1	52.7	57.1	58.2
	37.0	37.9	49.2	47.9	54.5	56.6	54.9	57.4	57.6
	45.0	34.5	44.2	43.8	48.8	50.5	50.3	51.5	51.4
	55.0	30.9	39.1	39.2	43.6	44.6	45.2	46.2	45.6
	75.0	30.5	37.8	38.7	42.1	42.6	44.5	44.6	43.2
	90.0	30.7	37.7	39.0	42.1	42.3	44.9	44.4	43.0
	110.0	34.8	43.8	46.2	50.3	50.3	55.7	54.5	52.0
	132.0	35.2	43.6	46.8	50.0	50.0	56.1	54.2	51.3
Overall CDM Losses (W)	7.5	369.6	310.2	359.5	305.3	284.6	349.6	300.3	282.0
	11.0	408.4	333.2	395.6	326.9	300.9	383.1	320.7	297.7
	15.0	473.4	371.0	456.1	362.6	327.5	439.2	354.3	323.2
	18.5	515.0	395.8	494.9	386.1	345.3	475.2	376.5	340.4
	22.0	610.0	450.2	583.2	437.3	383.1	557.1	424.6	376.6
	30.0	675.1	491.2	644.4	476.5	414.5	614.5	462.0	407.0
	37.0	854.2	593.8	811.1	573.5	486.9	769.3	553.5	476.8
	45.0	932.5	633.8	884.4	611.2	511.1	838.1	589.0	499.7
	55.0	1001.4	660.9	947.3	635.2	518.1	895.8	610.2	505.2
	75.0	1325.1	848.4	1249.0	813.0	651.6	1177.6	778.8	634.1
	90.0	1587.7	1000.8	1493.7	957.6	761.1	1406.4	916.1	740.0
	110.0	1934.1	1193.9	1815.1	1140.1	895.7	1705.8	1088.9	869.8
	132.0	2337.8	1418.5	2189.3	1352.6	1053.4	2054.8	1290.3	1022.0
Percentage of Rated Apparent Power (%)	7.5	2.7	2.3	2.6	2.2	2.1	2.6	2.2	2.1
	11.0	2.4	1.9	2.3	1.9	1.7	2.2	1.9	1.7
	15.0	2.1	1.6	2.0	1.6	1.4	1.9	1.5	1.4
	18.5	2.0	1.5	1.9	1.5	1.3	1.8	1.4	1.3
	22.0	1.8	1.3	1.7	1.3	1.1	1.6	1.2	1.1
	30.0	1.7	1.3	1.7	1.2	1.1	1.6	1.2	1.0
	37.0	1.6	1.1	1.5	1.1	0.9	1.5	1.1	0.9
	45.0	1.6	1.1	1.5	1.1	0.9	1.5	1.0	0.9
	55.0	1.4	0.9	1.4	0.9	0.7	1.3	0.9	0.7
	75.0	1.4	0.9	1.3	0.9	0.7	1.3	0.8	0.7
	90.0	1.4	0.9	1.3	0.9	0.7	1.3	0.8	0.7
	110.0	1.4	0.9	1.3	0.8	0.7	1.3	0.8	0.6
	132.0	1.4	0.9	1.3	0.8	0.6	1.3	0.8	0.6

PowerFlex 753/755 Frame 7

208V Drive Information

	Rated Output Power ND (kW)			
	66	90	110	132
Rated Output Current (A)	260	359	414	477
Rated Apparent Power (kVA)	93.7	129.3	149.2	171.9
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	66	52.9	50.4	56.6	49.3	43.0	55.2	45.6	39.6
	90	62.1	60.8	71.2	61.6	53.0	73.9	57.7	48.3
	110	58.3	52.9	67.9	58.2	46.4	71.5	56.3	47.2
	132	53.0	51.7	59.6	51.6	44.6	60.3	47.5	39.9
Overall CDM Losses (W)	66	2364.7	1194.3	1888.9	994.8	697.1	1500.8	809.8	588.3
	90	3447.9	1658.4	2798.1	1396.7	945.3	2264.6	1153.0	809.1
	110	3870.6	1722.4	3178.3	1575.8	1054.7	2617.9	1341.4	940.8
	132	4253.2	2027.8	3363.0	1678.6	1127.2	2657.4	1360.2	953.3
Percentage of Rated Apparent Power (%)	66	2.5	1.3	2.0	1.1	0.7	1.6	0.9	0.6
	90	2.7	1.3	2.2	1.1	0.7	1.8	0.9	0.6
	110	2.7	1.2	2.2	1.0	0.7	1.8	0.8	0.6
	132	2.5	1.2	2.0	1.0	0.7	1.8	0.8	0.6

240V Drive Information

	Rated Output Power ND (kW)			
	75	90	110	132
Rated Output Current (A)	260	312	360	477
Rated Apparent Power (kVA)	103.6	124.3	143.4	190.0
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	75	45.3	45.4	50.0	44.7	40.0	49.5	40.6	35.4
	90	52.0	52.9	60.5	54.1	47.7	63.4	51.0	43.4
	110	50.2	46.2	59.0	52.3	46.0	62.6	51.1	43.7
	132	53.2	52.5	60.4	52.7	45.9	61.9	49.0	41.1
Overall CDM Losses (W)	75	2340.6	1204.3	1913.5	1018.1	718.5	1549.4	838.1	608.8
	90	2886.9	1443.2	2378.0	1227.3	849.2	1943.9	1018.4	726.0
	110	3331.3	1503.0	2760.6	1414.4	967.8	2293.1	1216.2	870.6
	132	4266.7	2056.9	3411.8	1715.7	1159.5	2729.1	1401.9	983.6
Percentage of Rated Apparent Power (%)	75	2.3	1.2	1.8	1.0	0.7	1.5	0.8	0.6
	90	2.3	1.2	1.9	1.0	0.7	1.6	0.8	0.6
	110	2.1	1.0	1.9	0.9	0.6	1.6	0.7	0.5
	132	2.2	1.1	1.8	0.9	0.6	1.6	0.7	0.5

400V Drive Information

	Rated Output Power ND (kW)				
	132	160	200	250	270
Rated Output Current (A)	260	302	367	456	477
Rated Apparent Power (kVA)	171.1	198.8	241.6	300.1	314
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.0

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	132	31.3	33.3	37.7	35.5	32.6	40.8	35.4	31.5
	160	37.4	42.7	47.6	47.4	45.6	54.7	49.7	45.7
	200	38.1	42.2	48.1	46.5	44.0	55.2	48.6	44.0
	250	38.8	40.9	48.6	45.0	40.8	55.4	46.3	40.6
	270	37.8	36.9	45.8	39.4	33.6	49.6	38.8	32.3
Overall CDM Losses (W)	132	2505.2	1304.9	2127.1	1155.3	823.0	1799.2	1014.4	752.9
	160	3001.0	1673.2	2686.3	1542.0	1152.3	2411.1	1420.9	1092.9
	200	3797.4	2048.4	3383.4	1880.4	1379.4	3027.9	1727.3	1305.3
	250	4808.5	2410.0	4230.2	2185.9	1526.5	3744.3	1985.1	1433.4
	270	5048.8	2348.2	4302.6	2070.7	1358.7	3626.1	1797.0	1231.6
Percentage of Rated Apparent Power (%)	132	1.5	0.8	1.2	0.7	0.5	1.1	0.6	0.4
	160	1.5	0.8	1.4	0.8	0.6	1.2	0.7	0.5
	200	1.6	0.8	1.4	0.8	0.6	1.3	0.7	0.5
	250	1.6	0.8	1.4	0.7	0.5	1.2	0.7	0.5
	270	1.6	0.7	1.4	0.7	0.4	1.2	0.6	0.4

480V Drive Information

	Rated Output Power ND (kW)				
	132	160	200	250	315
Rated Output Current (A)	248	302	361	415	477
Rated Apparent Power (kVA)	197.6	240.6	287.6	330.7	380
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.0

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	132	25.4	27.6	30.7	29.5	27.4	33.5	29.7	26.6
	160	39.7	45.6	50.7	50.9	49.2	58.6	53.6	49.5
	200	39.5	43.0	50.1	47.5	44.0	57.7	49.8	44.1
	250	35.9	38.7	45.2	42.7	39.2	51.8	44.3	39.2
	315	33.6	33.2	41.1	35.5	30.6	44.9	35.4	29.5
Overall CDM Losses (W)	132	2530.5	1338.6	2158.3	1191.6	858.0	1840.5	1055.1	789.9
	160	3180.0	1789.3	2862.4	1656.9	1243.8	2584.9	1534.8	1184.0
	200	3936.3	2085.9	3522.3	1920.0	1379.5	3166.9	1768.9	1308.3
	250	4441.2	2277.6	3933.1	2077.9	1467.5	3502.5	1897.8	1383.5
	315	5243.6	2456.7	4497.7	2179.0	1433.0	3818.6	1903.9	1305.3
Percentage of Rated Apparent Power (%)	132	1.3	0.7	1.1	0.6	0.4	0.9	0.5	0.4
	160	1.3	0.7	1.2	0.7	0.5	1.1	0.6	0.5
	200	1.4	0.7	1.2	0.7	0.5	1.1	0.6	0.5
	250	1.3	0.7	1.2	0.6	0.4	1.1	0.6	0.4
	315	1.4	0.6	1.2	0.6	0.4	1.0	0.5	0.3

600V Drive Information

	Rated Output Power ND (kW)		
	132	200	250
Rated Output Current (A)	192	242	289
Rated Apparent Power (kVA)	191.2	241.0	287.8
Standby Losses to S Rated (%)	0.2	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	132	44.9	54.6	59.3	62.2	62.0	70.5	67.0	63.3
	200	47.9	55.9	63.0	63.5	61.8	74.8	68.2	63.0
	250	47.6	52.5	62.3	59.3	55.4	73.8	63.5	56.3
Overall CDM Losses (W)	132	2986.6	1776.4	2774.9	1683.3	1305.1	2582.2	1595.0	1260.9
	200	3842.8	2189.8	3556.1	2067.0	1562.8	3299.5	1951.9	1505.8
	250	4747.4	2549.0	4377.6	2396.3	1736.0	4051.8	2254.6	1668.4
Percentage of Rated Apparent Power (%)	132	1.6	0.9	1.5	0.9	0.7	1.4	0.8	0.7
	200	1.6	0.9	1.5	0.9	0.6	1.4	0.8	0.6
	250	1.6	0.9	1.5	0.8	0.6	1.4	0.8	0.6

690V Drive Information

	Rated Output Power ND (kW)		
	160	200	250
Rated Output Current (A)	171	212	263
Rated Apparent Power (kVA)	195.5	242.4	300.7
Standby Losses to S Rated (%)	0.2	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	160	33.9	41.1	44.9	47.0	46.4	53.7	50.7	47.5
	200	34.4	40.5	45.4	46.1	44.7	54.2	49.6	45.6
	250	35.7	40.4	47.0	46.1	43.1	56.2	49.4	44.0
Overall CDM Losses (W)	160	2718.6	1609.9	2536.5	1528.8	1173.8	2369.5	1451.6	1135.0
	200	3432.4	1966.4	3192.6	1862.0	1402.2	2975.7	1763.5	1353.1
	250	4414.8	2378.3	4090.9	2242.8	1614.6	3803.2	2116.4	1554.0
Percentage of Rated Apparent Power (%)	160	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	200	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	250	1.5	0.8	1.4	0.7	0.5	1.3	0.7	0.5

PowerFlex 755 Frame 8

400V Drive Information

	Rated Output Power ND (kW)					
	250	315 ⁽¹⁾	315 ⁽²⁾	355	400 ⁽³⁾	400 ⁽⁴⁾
Rated Output Current (A)	460	540	567	650	750	770
Rated Apparent Power (kVA)	302.8	355.4	373.2	427.8	493.6	506.8
Standby Losses to S Rated (%)	0.4	0.4	0.4	0.3	0.3	0.3

(1) 315 kW, 540 A

(2) 315 kW, 567 A

(3) 400 kW, 750 A

(4) 400 kW, 770 A

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	250	44.7	59.5	58.6	68.2	72.6	69.4	73.2	74.5
	315 ⁽¹⁾	41.8	53.7	54.6	60.9	64.0	64.6	65.6	65.6
	315 ⁽²⁾	44.7	57.2	58.4	64.9	68.2	69.0	69.9	69.8
	355	46.2	56.9	60.0	64.8	66.4	70.8	69.1	67.9
	400 ⁽³⁾	46.7	59.8	61.0	68.3	70.8	72.4	73.3	72.6
	400 ⁽⁴⁾	48.8	62.6	63.7	71.6	74.4	75.6	76.9	76.4
Overall CDM Losses (W)	250	5537.6	3506.6	5093.4	3316.5	2720.3	4696.1	3138.1	2633.8
	315 ⁽¹⁾	6524.6	3968.0	5974.7	3737.2	3001.4	5489.4	3522.8	2898.3
	315 ⁽²⁾	6970.1	4224.5	6382.6	3979.5	3194.2	5866.3	3752.5	3085.4
	355	8102.5	4739.5	7393.3	4449.3	3504.2	6778.0	4182.7	3377.4
	400 ⁽³⁾	9235.8	5600.5	8454.2	5279.7	4205.9	7797.1	4990.3	4067.2
	400 ⁽⁴⁾	9637.1	5864.8	8826.4	5533.3	4422.8	8147.1	5234.9	4280.1
Percentage of Rated Apparent Power (%)	250	1.8	1.2	1.7	1.1	0.9	1.6	1.0	0.9
	315 ⁽¹⁾	1.8	1.1	1.7	1.1	0.8	1.5	1.0	0.8
	315 ⁽²⁾	1.9	1.1	1.7	1.1	0.9	1.6	1.0	0.8
	355	1.9	1.1	1.7	1.0	0.8	1.6	1.0	0.8
	400 ⁽³⁾	1.9	1.1	1.7	1.1	0.9	1.6	1.0	0.8
	400 ⁽⁴⁾	1.9	1.2	1.7	1.1	0.9	1.6	1.0	0.8

(1) 315 kW, 540 A

(2) 315 kW, 567 A

(3) 400 kW, 750 A

(4) 400 kW, 770 A

480V Drive Information

	Rated Output Power ND (kW)					
	250	315	355	400	450	500
Rated Output Current (A)	430	485	545	617	710	740
Rated Apparent Power (kVA)	342.6	386.4	434.2	491.6	565.7	589.6
Standby Losses to S Rated (%)	0.4	0.3	0.3	0.3	0.3	0.3

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	250	43.5	58.4	57.1	67.1	71.7	68.0	72.2	73.7
	315	38.5	50.2	50.6	57.2	60.4	60.0	61.7	62.0
	355	39.2	50.3	51.3	57.5	60.0	60.8	61.6	61.5
	400	40.1	50.1	52.3	57.2	58.8	62.0	61.1	60.2
	450	36.8	47.3	48.4	54.2	56.6	57.7	58.7	58.2
	500	38.9	45.0	45.8	51.4	53.8	54.6	55.7	55.3
Overall CDM Losses (W)	250	5380.6	3440.4	4970.2	3263.4	2683.4	4601.3	3096.9	2602.5
	315	6009.4	3712.5	5528.8	3508.2	2831.4	5101.0	3317.2	2739.2
	355	6876.5	4182.8	6314.7	3947.5	3164.1	5819.6	3729.0	3059.2
	400	7918.6	4691.3	7252.9	4417.0	3493.2	6672.9	4164.4	3372.7
	450	9085.4	5541.2	8353.6	5238.8	4170.8	7735.0	4964.8	4039.3
	500	9636.9	5885.0	8862.3	5566.7	4441.9	8210.7	5279.4	4304.3
Percentage of Rated Apparent Power (%)	250	1.6	1.0	1.5	1.0	0.8	1.3	0.9	0.8
	315	1.6	1.0	1.4	0.9	0.7	1.3	0.9	0.7
	355	1.6	1.0	1.5	0.9	0.7	1.3	0.9	0.7
	400	1.6	1.0	1.5	0.9	0.7	1.4	0.8	0.7
	450	1.6	1.0	1.5	0.9	0.7	1.4	0.9	0.7
	500	1.6	1.0	1.5	0.9	0.8	1.4	0.9	0.7

600V Drive Information

	Rated Output Power ND (kW)					
	200	250	315	355	400	400 ⁽¹⁾
Rated Output Current (A)	295	355	395	435	460	510
Rated Apparent Power (kVA)	293.8	353.6	393.4	433.2	458.1	507.9
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

(1) 400 kW, 510 A

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	200	41.2	44.0	53.4	49.0	43.4	62.8	51.9	43.6
	250	41.7	44.6	54.2	50.2	44.4	63.9	52.9	44.7
	315	38.0	40.4	49.3	45.2	40.1	58.3	48.0	40.4
	355	32.6	34.8	41.7	38.8	34.2	48.7	40.5	34.2
	400	30.9	31.5	38.8	34.5	29.3	43.8	35.0	28.6
	400 ⁽¹⁾	28.1	28.3	35.4	31.0	26.4	40.0	31.7	25.8

600V Drive Loss Summary (Continued)

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Overall CDM Losses (W)	200	4111.2	2132.4	3757.3	1981.6	1360.2	3449.1	1842.3	1292.6
	250	5163.6	2629.4	4710.3	2440.8	1661.6	4323.2	2268.8	1578.9
	315	5919.4	2986.2	5394.6	2771.0	1880.7	4951.9	2576.5	1787.7
	355	5714.0	2896.6	5137.7	2660.6	1802.1	4660.7	2449.6	1701.0
	400	6107.8	2954.2	5376.0	2667.7	1738.7	4716.4	2382.0	1601.8
	400 ⁽¹⁾	6935.5	3318.8	6107.2	2997.5	1942.0	5363.2	2677.6	1789.6
Percentage of Rated Apparent Power (%)	200	1.4	0.7	1.3	0.7	0.5	1.2	0.6	0.4
	250	1.5	0.7	1.3	0.7	0.5	1.2	0.6	0.4
	315	1.5	0.8	1.4	0.7	0.5	1.3	0.7	0.5
	355	1.3	0.7	1.2	0.6	0.4	1.1	0.6	0.4
	400	1.3	0.6	1.2	0.6	0.4	1.0	0.5	0.3
	400 ⁽¹⁾	1.4	0.7	1.2	0.6	0.4	1.1	0.5	0.4

(1) 400 kW, 510 A

690V Drive Information

	Rated Output Power ND (kW)					
	250	315	355	400	450	500
Rated Output Current (A)	265	330	370	415	460	500
Rated Apparent Power (kVA)	302.9	377.2	423.0	474.4	525.9	571.6
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	250	31.5	35.3	41.3	40.1	36.4	49.1	42.6	36.9
	315	32.3	35.5	42.3	39.9	36.0	50.3	42.6	36.5
	355	33.0	35.7	43.1	40.4	36.0	51.2	42.8	36.4
	400	28.9	31.4	37.3	35.1	31.2	43.9	37.0	31.4
	450	26.2	28.1	33.9	31.4	27.9	39.8	33.2	28.1
	500	29.1	30.8	37.5	34.4	30.5	44.1	36.4	30.7
Overall CDM Losses (W)	250	3899.4	2081.0	3592.8	1948.6	1364.1	3322.9	1825.5	1304.0
	315	5038.7	2620.5	4629.5	2448.5	1689.0	4277.2	2290.9	1612.9
	355	5785.8	2968.4	5308.0	2770.6	1897.2	4901.8	2590.8	1810.9
	400	5711.7	2937.6	5173.7	2715.7	1854.7	4725.5	2516.5	1759.0
	450	6469.4	3286.9	5849.2	3034.9	2059.2	5339.2	2810.6	1952.1
	500	7171.1	3608.0	6473.8	3328.1	2246.9	5906.8	3080.9	2129.5
Percentage of Rated Apparent Power (%)	250	1.3	0.7	1.2	0.6	0.5	1.1	0.6	0.4
	315	1.3	0.7	1.2	0.6	0.4	1.1	0.6	0.4
	355	1.4	0.7	1.3	0.7	0.4	1.2	0.6	0.4
	400	1.2	0.6	1.1	0.6	0.4	1.0	0.5	0.4
	450	1.2	0.6	1.1	0.6	0.4	1.0	0.5	0.4
	500	1.3	0.6	1.1	0.6	0.4	1.0	0.5	0.4

PowerFlex 755 Frame 9

400V Drive Information

	Rated Output Power ND (kW)					
	500	560	630	710	800	850
Rated Output Current (A)	910	1040	1090	1175	1465	1480
Rated Apparent Power (kVA)	598.9	684.5	717.4	773.4	964.2	974.1
Standby Losses to S Rated (%)	0.2	0.2	0.2	0.2	0.2	0.2

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	500	47.1	51.0	60.6	57.2	54.4	70.9	60.6	55.0
	560	50.0	52.2	64.1	58.0	53.7	74.9	61.3	54.1
	630	48.3	50.6	62.0	56.4	52.6	72.5	59.7	53.1
	710	44.3	49.4	57.8	56.1	53.6	69.3	60.1	54.7
	800	51.9	54.4	67.6	61.5	56.3	80.9	65.6	57.4
	850	47.1	51.8	60.4	58.4	56.3	71.2	62.4	56.8
Overall CDM Losses (W)	500	11625.9	5972.3	10476.6	5524.9	4005.1	9511.8	5123.9	3818.6
	560	13818.2	6816.2	12414.8	6281.4	4432.1	11253	5807.1	4213.8
	630	14991.2	7434.6	13484.1	6864.5	4880.9	12242.5	6360.9	4650.1
	710	15496.7	8175.8	14195.5	7657.6	5608.1	13200.9	7216.4	5397.2
	800	20479	10144.2	18687.4	9455.7	6645.7	17374	8887.2	6377.8
	850	20860.7	10876.4	18742.2	10094.3	7410.3	17112.2	9434.8	7109.6
Percentage of Rated Apparent Power (%)	500	1.9	1.0	1.7	0.9	0.7	1.6	0.9	0.6
	560	2.0	1.0	1.8	0.9	0.6	1.6	0.8	0.6
	630	2.1	1.0	1.9	1.0	0.7	1.7	0.9	0.6
	710	2.0	1.1	1.8	1.0	0.7	1.7	0.9	0.7
	800	2.1	1.1	1.9	1.0	0.7	1.8	0.9	0.7
	850	2.1	1.1	1.9	1.0	0.8	1.8	1.0	0.7

480V Drive Information

	Rated Output Power ND (kW)					
	560	630	670	710	800	900
Rated Output Current (A)	800	960	1045	1135	1365	1420
Rated Apparent Power (kVA)	637.4	764.9	832.6	904.3	1087.6	1131.4
Standby Losses to S Rated (%)	0.3	0.2	0.1	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	560	37.5	46.1	48.3	52.0	53.0	56.1	55.2	53.8
	630	36.9	39.3	47.5	44.2	41.1	55.7	46.6	41.6
	670	41.1	38.8	52.3	43.5	40.3	55.4	45.9	40.8
	710	40.9	38.1	47.3	42.7	39.5	55.5	45.3	39.6
	800	47.2	45.5	60.2	46.1	43.3	68.7	49.1	44.0
	900	40.3	43.4	51.8	48.8	45.9	61.0	52.1	46.6

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Overall CDM Losses (W)	560	10293.1	5478.6	9332.3	5629.5	4376.1	8515.8	5231.6	4186.0
	630	12914.1	6510.9	11658.3	6026.4	4300.1	10610.7	5594.2	4100.1
	670	14489.5	7232.6	13063	6689.5	4752.7	11883.6	6208.5	4531.6
	710	16288.8	7997.6	14670.9	7389.7	5201.1	13344.8	6855.1	4957.1
	800	20950.9	9564.5	18657.4	8858.4	6336	15359	8258.1	6060.6
	900	19850.1	10127.1	17843.7	9381.6	6716.5	16292.8	8750.7	6428.1
Percentage of Rated Apparent Power (%)	560	1.6	0.9	1.5	0.9	0.7	1.3	0.8	0.7
	630	1.7	0.9	1.5	0.8	0.6	1.4	0.7	0.5
	670	1.7	0.9	1.6	0.8	0.6	1.4	0.7	0.5
	710	1.8	0.9	1.6	0.8	0.6	1.5	0.8	0.5
	800	1.9	0.9	1.7	0.8	0.6	1.4	0.8	0.6
	900	1.8	0.9	1.6	0.8	0.6	1.4	0.8	0.6

600V Drive Information

	Rated Output Power ND (kW)					
	450	560	630	670	710	750
Rated Output Current (A)	595	630	760	825	900	980
Rated Apparent Power (kVA)	592.6	627.4	756.9	821.6	896.3	976.0
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	450	40.2	35.6	51.4	39.5	33.5	54.7	41.8	33.6
	560	38.8	34.2	49.6	38.0	32.1	52.7	40.2	32.3
	630	44.9	38.3	57.3	42.8	35.5	60.6	45.0	35.7
	670	37.1	35.4	46.6	35.4	29.6	48.6	36.9	29.5
	710	37.2	35.1	46.6	35.2	29.4	48.9	36.9	29.1
	750	37.3	31.9	46.8	35.1	29.2	49.5	36.8	29.1
Overall CDM Losses (W)	450	9920	4646.8	8975.6	4282.6	2766.1	8218	3965.5	2618.5
	560	10757.7	5015.8	9729.2	4622.8	2984.6	8910.2	4282.6	2827.0
	630	13984.5	6347.4	12615.5	5840.1	3718.1	11552.1	5409.6	3521.7
	670	13010.5	5991.8	11542.1	5447.5	3488.1	10432	4993.3	3280.3
	710	14704.6	6696.1	13023.7	6081.9	3875	11769.4	5575.1	3644.8
	750	16571	7441.8	14648.7	6749.4	4265.6	13232.7	6184.4	4011.0
Percentage of Rated Apparent Power (%)	450	1.7	0.8	1.5	0.7	0.5	1.4	0.7	0.4
	560	1.7	0.8	1.6	0.7	0.5	1.4	0.7	0.5
	630	1.8	0.8	1.7	0.8	0.5	1.5	0.7	0.5
	670	1.6	0.7	1.4	0.7	0.4	1.3	0.6	0.4
	710	1.6	0.7	1.5	0.7	0.4	1.3	0.6	0.4
	750	1.7	0.8	1.5	0.7	0.4	1.4	0.6	0.4

690V Drive Information

	Rated Output Power ND (kW)					
	560	630	710	750	800	900
Rated Output Current (A)	590	650	710	765	795	960
Rated Apparent Power (kVA)	674.5	743.1	811.6	874.5	908.8	1097.4
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	560	37.4	37.7	48.6	42.1	36.1	57.7	44.8	36.4
	630	38.0	37.7	49.3	42.2	35.9	58.4	44.9	36.2
	710	38.0	37.3	49.3	41.9	35.2	58.4	44.3	35.5
	750	34.8	34.7	44.4	38.6	32.6	52.1	40.4	32.7
	800	32.9	32.6	41.9	36.2	30.5	49.0	37.9	30.6
	900	37.9	36.4	48.2	40.3	33.8	56.4	42.5	33.6
Overall CDM Losses (W)	560	10346.2	4922.4	9417.6	4563.6	2979.7	8671.5	4250.9	2834
	630	11798.3	5543	10725.1	5134.7	3332.2	9873.5	4782.3	3169.3
	710	13318.1	6179.6	12090.9	5719.4	3687.7	11128.4	5325.8	3507.1
	750	12190.6	5747.6	10901.6	5263	3416.5	9914.3	4854.3	3228.1
	800	12959.8	6075.3	11579	5560	3599.9	10528.6	5127.9	3401.5
	900	16784.6	7647.2	14933.1	6977.5	4447.6	13563.8	6429.3	4200.1
Percentage of Rated Apparent Power (%)	560	1.5	0.7	1.4	0.7	0.4	1.3	0.6	0.4
	630	1.6	0.7	1.4	0.7	0.4	1.3	0.6	0.4
	710	1.6	0.8	1.5	0.7	0.5	1.4	0.7	0.4
	750	1.4	0.7	1.2	0.6	0.4	1.1	0.6	0.4
	800	1.4	0.7	1.3	0.6	0.4	1.2	0.6	0.4
	900	1.7	0.8	1.5	0.7	0.5	1.4	0.7	0.4

PowerFlex 755 Frame 10

400V Drive Information

	Rated Output Power ND (kW)	
	900	1250
Rated Output Current (A)	1590	2150
Rated Apparent Power (kVA)	1046.5	1415.1
Standby Losses to S Rated (%)	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	900	57.3	53.2	73.1	59.0	57.1	85.2	62.0	56.9
	1250	67.9	81.5	85.9	92.7	115.1	100.3	99.2	117.0
Overall CDM Losses (W)	900	25384.4	11178	22654.1	10207.1	7521.5	20493.5	9378.7	7119.3
	1250	33467.1	22260.6	29614.4	20855.8	19711.3	26799.3	19517.2	18873.2
Percentage of Rated Apparent Power (%)	900	2.1	1.1	1.9	1.0	0.7	1.7	0.9	0.7
	1250	2.3	1.6	2.0	1.5	1.4	1.8	1.4	1.3

480V Drive Information

	Rated Output Power ND (kW)	
	1000	1250
Rated Output Current (A)	1525	2070
Rated Apparent Power (kVA)	1215.0	1649.3
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1000	49.7	69.6	63.7	79.1	98.2	74.4	84.5	99.5
	1250	66.7	65.0	84.7	72.2	98.3	99.2	84.8	100.1
Overall CDM Losses (W)	1000	24508.7	16313.5	21934	15288.5	14431.0	19889.1	14265.2	13778.1
	1250	32853.8	22073.6	29198.8	20729.0	19624.2	26517	19446.5	18819.9
Percentage of Rated Apparent Power (%)	1000	2.0	1.3	1.8	1.3	1.2	1.6	1.2	1.1
	1250	2.0	1.3	1.8	1.3	1.2	1.6	1.2	1.1

600V Drive Information

	Rated Output Power ND (kW)	
	800	1050
Rated Output Current (A)	1110	1430
Rated Apparent Power (kVA)	115.5	1424.2
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	800	49.3	44.4	63.3	49.3	39.7	74.7	52.2	39.9
	1050	58.6	67.8	73.4	76.8	95.1	85.4	82.1	96.5
Overall CDM Losses (W)	800	24303	10352.8	21796.9	9480.5	5808.3	19945.8	8772.8	5497
	1050	28849.6	18645.0	25287.1	17401.5	16380.1	22807.3	16259.1	15673.4
Percentage of Rated Apparent Power (%)	800	21.0	9.0	18.9	8.2	5.0	17.3	7.6	4.8
	1050	2.0	1.3	1.8	1.2	1.2	1.6	1.1	1.1

690V Drive Information

	Rated Output Power ND (kW)	
	1000	1400
Rated Output Current (A)	1040	1400
Rated Apparent Power (kVA)	1188.9	1600.4
Standby Losses to S Rated (%)	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1000	46.5	42.8	60.0	47.8	39.0	71.1	50.8	39.3
	1400	58.7	61.1	74.0	69.5	86.1	86.5	74.5	87.7
Overall CDM Losses (W)	1000	22901.3	9979.4	20660	9190.3	5708.2	18988.8	8544.4	5422.2
	1400	28916.7	18887.7	25497.1	17685.5	16678.6	23107.3	16579.1	15993.1
Percentage of Rated Apparent Power (%)	1000	1.9	0.8	1.7	0.8	0.5	1.6	0.7	0.5
	1400	1.8	1.2	1.6	1.1	1.0	1.4	1.0	1.0

PowerFlex 4 AC Drives

These tables provide CDM losses for PowerFlex 4 AC drives.

Operating temperature and rated supply frequency can be found on the product label or publication [22-TD001](#).

Frame	Page
PowerFlex 4 Frame A	32
PowerFlex 4 Frame B	33

PowerFlex 4 Frame A

240V Drive Information

	Rated Output Power ND (kW)			
	0.2	0.37	0.75	1.5
Rated Output Current (A)	1.5	2.3	4.5	8
Rated Apparent Power (kVA)	0.6	0.9	1.8	3.2
Standby Losses to S Rated (%)	8.3	5.4	2.8	1.6

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.2	55.0	56.1	56.4	56.4	56.4	56.6	56.3	56.2
	0.37	56.9	57.6	58.5	57.8	57.7	58.6	57.5	57.4
	0.75	58.0	56.3	60.9	56.9	53.8	61.2	56.5	53.6
	1.5	61.7	61.3	66.2	61.9	59.1	66.8	61.0	58.3
Overall CDM Losses (W)	0.2	59.9	57.1	58.6	56.4	55.9	57.3	55.7	55.4
	0.37	66.5	61.7	64.5	60.6	59.8	62.4	59.4	59.1
	0.75	82.4	69.4	78.5	67.5	62.9	74.8	65.6	62.0
	1.5	115.9	89.5	107.6	85.5	76.2	99.8	81.5	74.2
Percentage of Rated Apparent Power (%)	0.2	10.0	9.5	9.8	9.4	9.3	9.6	9.3	9.2
	0.37	7.4	6.9	7.2	6.7	6.6	6.9	6.6	6.6
	0.75	4.6	3.9	4.4	3.8	3.5	4.2	3.6	3.4
	1.5	3.6	2.8	3.4	2.7	2.4	3.1	2.5	2.3

480V Drive Information

	Rated Output Power ND (kW)		
	0.37	0.75	1.5
Rated Output Current (A)	1.4	2.3	4
Rated Apparent Power (kVA)	1.1	1.8	3.2
Standby Losses to S Rated (%)	3.2	2.0	1.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	41.0	41.9	42.9	42.5	42.6	43.7	42.7	42.6
	0.75	39.3	39.5	42.2	40.5	38.7	43.5	40.8	38.9
	1.5	41.8	42.5	46.7	44.1	42.4	49.2	44.6	42.5
Overall CDM Losses (W)	0.37	48.0	44.9	47.3	44.5	44.1	46.5	44.1	43.9
	0.75	55.8	48.7	54.5	48.0	45.3	53.1	47.3	44.9
	1.5	78.7	62.2	76.0	60.8	54.7	73.4	59.5	54.1

480V Drive Loss Summary (Continued)

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of Rated Apparent Power (%)	0.37	4.4	4.1	4.3	4.0	4.0	4.2	4.0	4.0
	0.75	3.1	2.7	3.0	2.7	2.5	3.0	2.6	2.5
	1.5	2.5	1.9	2.4	1.9	1.7	2.3	1.9	1.7

PowerFlex 4 Frame B**240V Drive Information**

	Rated Output Power ND (kW)	
	2.2	3.7
Rated Output Current (A)	12	17.5
Rated Apparent Power (kVA)	4.8	7.0
Standby Losses to S Rated (%)	1.0	0.7

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	67.6	65.4	73.6	66.5	62.3	75.5	66.0	61.5
	3.7	41.0	41.6	46.4	43.1	40.8	48.1	42.8	40.2
Overall CDM Losses (W)	2.2	160.2	115.9	148.2	110.3	94.8	135.4	104.1	91.8
	3.7	195.4	137.9	180.3	130.9	110.5	167.2	124.4	107.3
Percentage of Rated Apparent Power (%)	2.2	3.4	2.4	3.1	2.3	2.0	2.8	2.2	1.9
	3.7	2.8	2.0	2.6	1.9	1.6	2.4	1.8	1.5

480V Drive Information

	Rated Output Power ND (kW)	
	2.2	3.7
Rated Output Current (A)	6	8.7
Rated Apparent Power (kVA)	4.8	6.9
Standby Losses to S Rated (%)	0.8	0.5

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	46.8	45.5	51.3	46.5	43.5	52.9	46.1	43.0
	3.7	36.5	36.1	40.3	36.9	34.5	41.6	36.6	34.1
Overall CDM Losses (W)	2.2	110.8	80.7	103.2	77.0	66.2	96.1	73.4	64.4
	3.7	136.4	96.5	124.9	91.1	77.1	114.5	86.1	74.6
Percentage of Rated Apparent Power (%)	2.2	2.3	1.7	2.2	1.6	1.4	2.0	1.5	1.3
	3.7	2.0	1.4	2.0	1.3	1.1	1.7	1.2	1.1

PowerFlex 4M AC Drives

These tables provide CDM losses for PowerFlex 4M AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [22F-TD001](#).

Frame	Page
PowerFlex 4M Frame A	34
PowerFlex 4M Frame B	35
PowerFlex 4M Frame C	36

PowerFlex 4M Frame A

240V Drive Information

	Rated Output Power ND (kW)			
	0.2	0.37	0.75	1.5
Rated Output Current (A)	1.6	2.5	4.2	8
Rated Apparent Power (kVA)	0.6	1.0	1.7	3.2
Standby Losses to S Rated (%)	7.8	5.0	3.0	1.6

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.2	55.0	56.0	56.5	56.4	56.5	57.1	56.6	56.5
	0.37	57.6	57.7	58.8	58.0	57.9	59.2	58.0	57.8
	0.75	59.5	56.0	60.0	56.0	53.1	59.9	55.8	53.1
	1.5	67.7	61.4	64.7	59.7	57.0	62.7	58.6	56.5
Overall CDM Losses (W)	0.2	60.0	57.0	58.7	56.4	56.0	57.8	56.0	55.8
	0.37	67.4	61.8	64.8	60.7	60.0	63.1	59.9	59.5
	0.75	84.5	69.0	77.4	66.5	62.1	73.2	64.8	61.4
	1.5	127.2	89.6	105.2	82.4	73.5	93.6	78.2	71.9
Percent of Losses to Rated Apparent Power (%)	0.2	10.0	9.5	9.8	9.4	9.3	9.6	9.3	9.3
	0.37	6.7	6.2	6.5	6.1	6.0	6.3	6.0	6.0
	0.75	5.0	4.1	4.6	3.9	3.7	4.3	3.8	3.6
	1.5	4.0	2.8	3.3	2.6	2.3	2.9	2.4	2.2

480V Drive Information

	Rated Output Power ND (kW)		
	0.37	0.75	1.5
Rated Output Current (A)	1.5	2.5	4.2
Rated Apparent Power (kVA)	1.2	2.0	3.3
Standby Losses to S Rated (%)	3.0	1.8	1.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	43.0	43.6	44.9	44.2	44.2	45.7	44.3	44.2
	0.75	43.3	42.4	46.5	43.4	41.0	47.8	43.7	41.1
	1.5	27.6	29.6	31.8	31.1	30.5	33.8	31.5	30.5

480V Drive Loss Summary (Continued)

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Overall CDM Losses (W)	0.37	50.3	46.7	49.5	46.2	45.8	48.7	45.8	45.5
	0.75	61.5	52.3	59.9	51.5	47.9	58.4	50.7	47.5
	1.5	82.4	64.3	79.3	62.8	56.1	75.6	60.9	55.2
Percent of Losses to Rated Apparent Power (%)	0.37	4.2	3.9	4.1	3.9	3.8	4.1	3.8	3.8
	0.75	3.1	2.6	3.0	2.6	2.4	2.9	2.5	2.4
	1.5	2.5	1.9	2.4	1.9	1.7	2.3	1.8	1.6

PowerFlex 4M Frame B**240V Drive Information**

	Rated Output Power ND (kW)	
	2.2	3.7
Rated Output Current (A)	12	17.5
Rated Apparent Power (kVA)	4.8	7.0
Standby Losses to S Rated (%)	1.0	0.7

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	54.2	56.1	61.2	58.4	56.3	64.6	59.0	56.2
	3.7	41.1	43.3	47.2	45.2	43.5	50.2	45.8	43.5
Overall CDM Losses (W)	2.2	128.3	99.5	122.9	96.7	85.7	117.5	93.9	84.3
	3.7	153.7	115.7	146.0	111.7	97.2	138.4	107.7	95.2
Percent of Losses to Rated Apparent Power (%)	2.2	2.7	2.1	2.6	2.0	1.8	2.4	2.0	1.8
	3.7	2.2	1.7	2.1	1.6	1.4	2.0	1.5	1.4

480V Drive Information

	Rated Output Power ND (kW)	
	2.2	3.7
Rated Output Current (A)	6	8.7
Rated Apparent Power (kVA)	4.8	7.0
Standby Losses to S Rated (%)	0.8	0.5

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	41.4	42.2	47.2	44.2	42.3	50.5	45.0	42.4
	3.7	35.8	35.6	39.8	37.0	35.1	42.3	37.7	35.4
Overall CDM Losses (W)	2.2	98.1	74.8	94.8	73.2	64.4	91.8	71.6	63.6
	3.7	134.0	95.2	123.1	91.3	78.5	116.5	88.7	77.4
Percent of Losses to Rated Apparent Power (%)	2.2	2.0	1.6	2.0	1.5	1.3	1.9	1.5	1.3
	3.7	1.9	1.4	1.8	1.3	1.1	1.7	1.3	1.1

PowerFlex 4M Frame C

240V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	25	33
Rated Apparent Power (kVA)	10.0	13.2
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	52.4	45.3	58.3	46.2	41.1	60.2	45.6	40.3
	7.5	53.4	50.2	58.8	50.0	44.4	58.9	47.9	42.5
Overall CDM Losses (W)	5.5	249.8	150.4	226.7	140.5	111.7	206.3	131.4	107.2
	7.5	310.5	180.2	271.5	163.3	126.3	235.6	147.3	118.3
Percent of Losses to Rated Apparent Power (%)	5.5	2.5	1.5	2.3	1.4	1.1	2.1	1.3	1.1
	7.5	2.4	1.4	2.1	1.2	1.0	1.8	1.1	0.9

480V Drive Information

	Rated Output Power ND (kW)		
	5.5	7.5	11
Rated Output Current (A)	13	18	24
Rated Apparent Power (kVA)	10.4	14.3	19.1
Standby Losses to S Rated (%)	0.3	0.3	0.3

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	41.9	36.0	46.5	36.5	32.2	47.6	35.8	31.4
	7.5	47.2	43.8	53.9	44.9	39.3	56.4	44.2	38.3
	11	44.9	44.4	52.1	45.9	41.2	55.1	45.4	40.4
Overall CDM Losses (W)	5.5	200.0	119.5	180.8	111.1	87.4	163.3	103.1	83.4
	7.5	274.4	157.5	248.6	146.4	111.9	225.8	136.0	106.7
	11	350.9	204.6	317.1	189.6	146.1	286.2	175.2	138.9
Percent of Losses to Rated Apparent Power (%)	5.5	1.9	1.1	1.7	1.1	0.8	1.6	1.0	0.8
	7.5	1.9	1.1	1.7	1.0	0.8	1.6	1.0	0.7
	11	1.8	1.1	1.7	1.0	0.8	1.5	0.9	0.7

PowerFlex 40 AC Drives

These tables provide CDM losses for PowerFlex 40 AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [22-TD001](#).

Frame	Page
PowerFlex 40 Frame B	37
PowerFlex 40 Frame C	39

PowerFlex 40 Frame B

240V Drive Information

	Rated Output Power ND (kW)				
	0.37	0.75	1.5	2.2	3.7
Rated Output Current (A)	2.3	5	8	12	17.5
Rated Apparent Power (kVA)	0.9	2.0	3.2	4.8	7.0
Standby Losses to S Rated (%)	5.4	2.5	1.6	1.0	0.7

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	56.4	57.4	58.3	57.9	57.8	58.7	57.8	57.6
	0.75	63.0	60.3	65.9	60.7	56.9	66.1	60.2	56.6
	1.5	59.0	59.7	63.9	60.7	58.5	65.2	60.4	57.9
	2.2	61.6	61.2	68.0	62.7	59.4	70.6	62.7	58.9
	3.7	48.5	49.1	54.3	50.5	47.6	56.5	50.4	47.2
Overall CDM Losses (W)	0.37	66.0	61.5	64.3	60.6	59.9	62.6	59.7	59.3
	0.75	89.4	74.3	85.0	72.1	66.5	80.8	69.9	65.5
	1.5	110.9	87.2	103.8	83.8	75.4	97.4	80.6	73.8
	2.2	145.9	108.4	136.7	103.9	90.4	128.4	99.7	88.3
	3.7	181.3	131.3	167.9	124.7	106.5	155.7	118.5	103.3
Percent of Losses to Rated Apparent Power (%)	0.37	7.3	6.8	7.1	6.7	6.7	7.0	6.6	6.6
	0.75	4.5	3.7	4.3	3.6	3.3	4.0	3.5	3.3
	1.5	3.5	2.7	3.2	2.6	2.4	3.0	2.5	2.3
	2.2	3.0	2.3	2.8	2.2	1.9	2.7	2.1	1.8
	3.7	2.6	1.9	2.4	1.8	1.5	2.2	1.7	1.5

480V Drive Information

	Rated Output Power ND (kW)				
	0.37	0.75	1.5	2.2	3.7
Rated Output Current (A)	1.4	2.3	4	6	10.5
Rated Apparent Power (kVA)	1.1	1.8	3.2	4.8	8.4
Standby Losses to S Rated (%)	3.2	2.0	1.1	0.8	0.4

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	42.2	42.7	43.6	43.0	42.9	43.9	42.9	42.7
	0.75	41.9	41.1	44.2	41.6	39.5	44.7	41.5	39.3
	1.5	42.2	42.9	45.9	43.7	42.1	47.1	43.5	41.7
	2.2	45.2	44.6	49.7	45.6	43.1	51.4	45.4	42.6
	3.7	39.2	34.4	44.6	35.7	31.9	47.0	35.7	31.5
Overall CDM Losses (W)	0.37	49.4	45.8	48.1	45.0	44.5	46.8	44.3	44.0
	0.75	59.5	50.7	57.0	49.4	46.1	54.6	48.1	45.5
	1.5	79.4	62.7	74.7	60.3	54.3	70.3	58.1	53.1
	2.2	107.0	79.0	99.9	75.6	65.5	93.4	72.3	63.8
	3.7	186.9	114.3	173.4	108.5	86.5	161.1	103.0	83.8
Percent of Losses to Rated Apparent Power (%)	0.37	4.5	4.2	4.4	4.1	4.0	4.3	4.0	4.0
	0.75	3.3	2.8	3.2	2.7	2.6	3.0	2.7	2.5
	1.5	2.5	2.0	2.3	1.9	1.7	2.2	1.8	1.7
	2.2	2.2	1.8	2.1	1.6	1.4	2.1	1.5	1.3
	3.7	1.9	1.2	1.8	1.1	1.0	1.7	1.1	0.9

600V Drive Information

	Rated Output Power ND (kW)			
	0.75	1.5	2.2	3.7
Rated Output Current (A)	1.7	3	4.2	6.6
Rated Apparent Power (kVA)	1.7	3.0	4.2	6.6
Standby Losses to S Rated (%)	2.1	1.2	0.9	0.5

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	43.2	42.2	46.2	43.1	40.7	47.5	43.3	40.8
	1.5	41.7	43.0	46.4	44.4	42.9	48.5	44.7	42.8
	2.2	43.7	43.8	49.5	45.6	43.3	52.5	46.2	43.3
	3.7	36.6	37.1	42.1	38.8	36.5	45.0	39.3	36.5
Overall CDM Losses (W)	0.75	61.3	52.0	59.6	51.1	47.6	58.1	50.3	47.1
	1.5	78.4	62.8	75.4	61.2	55.3	72.4	59.7	54.5
	2.2	103.7	77.7	99.4	75.6	65.9	95.5	73.5	64.8
	3.7	136.9	99.2	130.2	95.8	81.6	123.9	92.5	79.9
Percent of Losses to Rated Apparent Power (%)	0.75	3.6	3.1	3.5	3.0	2.8	3.4	3.0	2.8
	1.5	2.6	2.1	2.5	2.0	1.8	2.4	2.0	1.8
	2.2	2.5	1.9	2.4	1.8	1.6	2.3	1.8	1.5
	3.7	2.1	1.5	2.0	1.5	1.2	1.9	1.4	1.2

PowerFlex 40 Frame C

240V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	24	33
Rated Apparent Power (kVA)	9.6	13.2
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	49.5	43.9	54.1	44.0	39.5	54.2	42.6	38.2
	7.5	62.6	53.8	61.3	50.9	44.6	57.8	47.6	42.4
Overall CDM Losses (W)	5.5	236.3	145.5	210.3	134.0	107.2	186.1	122.8	101.7
	7.5	363.6	193.1	283.1	166.1	126.9	231.0	146.2	118.0
Percent of Losses to Rated Apparent Power (%)	5.5	2.5	1.5	2.2	1.4	1.1	1.9	1.3	1.1
	7.5	2.8	1.5	2.1	1.3	1.0	1.8	1.1	0.9

480V Drive Information

	Rated Output Power ND (kW)		
	5.5	7.5	11
Rated Output Current (A)	12	17	24
Rated Apparent Power (kVA)	9.6	13.6	19.1
Standby Losses to S Rated (%)	0.4	0.3	0.2

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	39.2	34.4	44.6	35.7	31.9	47.0	35.7	31.5
	7.5	43.1	41.2	49.5	42.2	37.4	51.9	41.6	36.4
	11	38.8	38.4	47.3	41.1	36.7	52.6	42.2	36.8
Overall CDM Losses (W)	5.5	186.9	114.3	173.4	108.5	86.5	161.1	103.0	83.8
	7.5	250.6	148.0	228.3	137.8	106.4	207.5	127.9	101.4
	11	303.0	177.0	288.1	169.9	130.1	273.3	162.9	126.5
Percent of Losses to Rated Apparent Power (%)	5.5	1.9	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	7.5	1.8	1.1	1.7	1.0	0.8	1.5	0.9	0.7
	11	1.6	0.9	1.5	0.9	0.7	1.4	0.9	0.7

600V Drive Information

	Rated Output Power ND (kW)		
	5.5	7.5	11
Rated Output Current (A)	9.9	12	19
Rated Apparent Power (kVA)	9.9	12.0	18.9
Standby Losses to S Rated (%)	0.4	0.3	0.2

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	38.0	33.7	43.7	35.1	31.4	46.4	35.2	31.1
	7.5	35.6	34.6	41.6	36.1	32.6	44.7	36.3	32.2
	11	42.6	40.2	50.9	42.5	37.2	55.8	43.0	36.9
Overall CDM Losses (W)	5.5	181.4	111.9	169.9	106.6	85.2	159.2	101.6	82.6
	7.5	206.8	124.4	192.2	117.9	92.8	178.9	111.7	89.7
	11	332.4	185.4	310.3	175.5	131.6	290.0	166.1	126.9
Percent of Losses to Rated Apparent Power (%)	5.5	1.8	1.1	1.7	1.1	0.9	1.6	1.0	0.8
	7.5	1.7	1.0	1.6	1.0	0.8	1.5	0.9	0.7
	11	1.8	1.0	1.6	0.9	0.7	1.5	0.9	0.7

PowerFlex 40P AC Drives

These tables provide CDM losses for PowerFlex 40P AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [22D-TD001](#).

Frame	Page
PowerFlex 40P Frame B	41
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PowerFlex 40P Frame B

240V Drive Information

	Rated Output Power ND (kW)				
	0.37	0.75	1.5	2.2	3.7
Rated Output Current (A)	2.3	5	8	12	17.5
Rated Apparent Power (kVA)	0.9	2.0	3.6	4.8	7.0
Standby Losses to S Rated (%)	5.4	2.5	1.6	1.0	0.7

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	56.4	57.4	58.3	57.9	57.8	58.7	57.8	57.6
	0.75	63.0	60.3	65.9	60.7	56.9	66.1	60.2	56.6
	1.5	64.3	63.7	69.3	64.5	61.4	70.5	64.0	60.8
	2.2	61.6	61.2	68.0	62.7	59.4	70.6	62.7	58.9
	3.7	48.5	49.1	54.3	50.5	47.6	56.5	50.4	47.2
Overall CDM Losses (W)	0.37	66.0	61.5	64.3	60.6	59.9	62.6	59.7	59.3
	0.75	89.4	74.3	85.0	72.1	66.5	80.8	69.9	65.5
	1.5	120.9	93.0	112.6	89.1	79.2	105.2	85.4	77.4
	2.2	145.9	108.4	136.7	103.9	90.4	128.4	99.7	88.3
	3.7	181.3	131.3	167.9	124.7	106.5	155.7	118.5	103.3
Percent of Losses to Rated Apparent Power (%)	0.37	7.3	6.8	7.1	6.7	6.7	7.0	6.6	6.6
	0.75	4.5	3.7	4.3	3.6	3.3	4.0	3.5	3.3
	1.5	3.4	2.6	3.1	2.5	2.2	2.9	2.4	2.2
	2.2	3.0	2.3	2.8	2.2	1.9	2.7	2.1	1.8
	3.7	2.6	1.9	2.4	1.8	1.5	2.2	1.7	1.5

480V Drive Information

	Rated Output Power ND (kW)				
	0.37	0.75	1.5	2.2	3.7
Rated Output Current (A)	1.4	2.3	4	6	10.5
Rated Apparent Power (kVA)	1.1	1.8	3.2	4.8	8.4
Standby Losses to S Rated (%)	3.2	2.0	1.1	0.8	0.4

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	42.2	42.7	43.6	43.0	42.9	43.9	42.9	42.7
	0.75	41.9	41.1	44.2	41.6	39.5	44.7	41.5	39.3
	1.5	42.5	43.1	46.2	43.9	42.3	47.4	43.7	41.9
	2.2	45.2	44.6	49.7	45.6	43.1	51.4	45.4	42.6
	3.7	44.9	38.9	49.5	39.5	35.0	50.7	38.7	34.3
Overall CDM Losses (W)	0.37	49.4	45.8	48.1	45.0	44.5	46.8	44.3	44.0
	0.75	59.5	50.7	57.0	49.4	46.1	54.6	48.1	45.5
	1.5	79.8	63.0	75.2	60.7	54.5	70.7	58.4	53.4
	2.2	107.0	79.0	99.9	75.6	65.5	93.4	72.3	63.8
	3.7	168.0	104.0	153.3	97.4	78.3	139.7	91.1	75.1
Percent of Losses to Rated Apparent Power (%)	0.37	4.5	4.2	4.4	4.1	4.0	4.3	4.0	4.0
	0.75	3.3	2.8	3.2	2.7	2.6	3.0	2.7	2.5
	1.5	2.5	2.0	2.4	1.9	1.7	2.2	1.8	1.7
	2.2	2.2	1.8	2.1	1.6	1.4	2.1	1.5	1.3
	3.7	2.0	1.2	1.8	1.2	0.9	1.7	1.1	0.9

600V Drive Information

	Rated Output Power ND (kW)			
	0.75	1.5	2.2	3.7
Rated Output Current (A)	1.7	3	4.2	6.6
Rated Apparent Power (kVA)	1.7	3.0	4.18	6.57
Standby Losses to S Rated (%)	2.1	1.2	0.9	0.5

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	43.2	42.2	46.2	43.1	40.7	47.5	43.3	40.8
	1.5	41.7	43.0	46.4	44.4	42.9	48.5	44.7	42.8
	2.2	43.7	43.8	49.5	45.6	43.3	52.5	46.2	43.3
	3.7	36.6	37.1	42.1	38.8	36.5	45.0	39.3	36.5
Overall CDM Losses (W)	0.75	61.3	52.0	59.6	51.1	47.6	58.1	50.3	47.1
	1.5	78.4	62.8	75.4	61.2	55.3	72.4	59.7	54.5
	2.2	103.7	77.7	99.4	75.6	65.9	95.5	73.5	64.8
	3.7	136.9	99.2	130.2	95.8	81.6	123.9	92.5	79.9
Percent of Losses to Rated Apparent Power (%)	0.75	3.6	3.1	3.5	3.0	2.8	3.4	3.0	2.8
	1.5	2.6	2.1	2.5	2.0	1.8	2.4	2.0	1.8
	2.2	2.5	1.9	2.4	1.8	1.6	2.3	1.8	1.6
	3.7	2.1	1.5	2.0	1.5	1.2	1.9	1.4	1.2

PowerFlex 40P Frame C

240V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	24	33
Rated Apparent Power (kVA)	9.56	13.15
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	49.5	43.9	54.1	44.0	39.5	54.2	42.6	38.2
	7.5	62.6	53.8	61.3	50.9	44.6	57.8	47.6	42.4
Overall CDM Losses (W)	5.5	236.3	145.5	210.3	134.0	107.2	186.1	122.8	101.7
	7.5	363.6	193.1	283.1	166.1	126.9	231.0	146.2	118.0
Percent of Losses to Rated Apparent Power (%)	5.5	2.5	1.5	2.2	1.4	1.1	1.9	1.3	1.1
	7.5	2.8	1.5	2.2	1.3	1.0	1.8	1.1	0.9

480V Drive Information

	Rated Output Power ND (kW)		
	5.5	7.5	11
Rated Output Current (A)	12	17	24
Rated Apparent Power (kVA)	9.56	13.55	19.12
Standby Losses to S Rated (%)	0.4	0.3	0.2

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	39.2	34.4	44.6	35.7	31.9	47.0	35.7	31.5
	7.5	43.1	41.2	49.5	42.2	37.4	51.9	41.6	36.4
	11	38.8	38.4	47.3	41.1	36.7	52.6	42.2	36.8
Overall CDM Losses (W)	5.5	186.9	114.3	173.4	108.5	86.5	161.1	103.0	83.8
	7.5	250.6	148.0	228.3	137.8	106.4	207.5	127.9	101.4
	11	303.0	177.0	288.1	169.9	130.1	273.3	162.9	126.5
Percent of Losses to Rated Apparent Power (%)	5.5	2.0	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	7.5	1.8	1.1	1.7	1.0	0.8	1.5	0.9	0.7
	11	1.6	0.9	1.5	0.9	0.7	1.4	0.9	0.7

600V Drive Information

	Rated Output Power ND (kW)		
	5.5	7.5	11
Rated Output Current (A)	9.9	12	19
Rated Apparent Power (kVA)	9.86	11.95	18.92
Standby Losses to S Rated (%)	0.4	0.3	0.2

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	38.0	33.7	43.7	35.1	31.4	46.4	35.2	31.1
	7.5	35.6	34.6	41.6	36.1	32.6	44.7	36.3	32.2
	11	42.6	40.2	50.9	42.5	37.2	55.8	43.0	36.9
Overall CDM Losses (W)	5.5	181.4	111.9	169.9	106.6	85.2	159.2	101.6	82.6
	7.5	206.8	124.4	192.2	117.9	92.8	178.9	111.7	89.7
	11	332.4	185.4	310.3	175.5	131.6	290.0	166.1	126.9
Percent of Losses to Rated Apparent Power (%)	5.5	1.8	1.1	1.7	1.1	0.9	1.6	1.0	0.8
	7.5	1.7	1.0	1.6	1.0	0.8	1.5	0.9	0.8
	11	1.8	1.0	1.6	0.9	0.7	1.5	0.9	0.7

PowerFlex 70 AC Drives

These tables provide CDM losses for PowerFlex 70 AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [20A-TD001](#).

Frame	Page
PowerFlex 70 Frame A	45
PowerFlex 70 Frame B	47
PowerFlex 70 Frame C	49
PowerFlex 70 Frame D	51
PowerFlex 70 Frame E	53

PowerFlex 70 Frame A

208V Drive Information

	Rated Output Power ND (kW)	
	0.37	0.75
Rated Output Current (A)	2.5	4.8
Rated Apparent Power (kVA)	0.9	1.73
Standby Losses to S Rated (%)	3.1	1.6

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	56.7	47.9	58.7	47.5	42.7	58.0	46.5	42.0
	0.75	56.7	47.9	58.7	47.5	42.7	58.0	46.5	42.0
Overall CDM Losses (W)	0.37	51.5	44.7	48.9	43.5	42.5	46.7	42.3	41.8
	0.75	92.4	62.9	84.2	59.6	50.6	77.5	56.7	49.3
Percent of Losses to Rated Apparent Power (%)	0.37	5.7	5.0	5.4	4.8	4.7	5.2	4.7	4.6
	0.75	5.3	3.6	4.9	3.4	2.9	4.5	3.3	2.8

240V Drive Information

	Rated Output Power ND (kW)	
	0.37	0.75
Rated Output Current (A)	2.2	4.2
Rated Apparent Power (kVA)	0.88	1.67
Standby Losses to S Rated (%)	3.3	1.6

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	52.6	48.5	52.8	47.3	46.7	51.5	45.7	45.2
	0.75	48.8	43.1	51.0	43.2	39.7	51.0	42.5	39.2
Overall CDM Losses (W)	0.37	67.9	55.6	62.8	52.6	51.2	58.7	50.0	49.1
	0.75	79.5	56.6	73.3	54.1	47.1	68.2	51.8	46
Percent of Losses to Rated Apparent Power (%)	0.37	7.8	6.3	7.2	6.0	5.8	6.7	5.7	4.6
	0.75	4.8	3.4	4.4	3.2	2.8	4.1	3.1	2.8

400V Drive Information

	Rated Output Power ND (kW)		
	0.37	0.75	1.5
Rated Output Current (A)	1.3	2.1	3.5
Rated Apparent Power (kVA)	0.86	1.38	2.3
Standby Losses to S Rated (%)	2.3	1.5	0.9

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	29.5	30.4	31.0	30.8	30.8	31.6	30.9	30.8
	0.75	29.8	30.2	32.30	30.8	30.0	33.30	30.9	29.9
	1.5	27.0	27.6	29.9	28.5	27.7	31.4	28.7	27.6
Overall CDM Losses (W)	0.37	38	34.8	36.9	34.3	33.8	36	33.8	33.5
	0.75	48.6	39.7	46.4	38.6	35.6	44.5	37.7	35.1
	1.5	63.9	49	60.1	47.2	42.1	57	45.7	41.3
Percent of Losses to Rated Apparent Power (%)	0.37	4.4	4.0	4.3	4.0	3.9	4.2	3.9	3.9
	0.75	3.5	2.9	3.4	2.8	2.6	3.2	2.7	2.5
	1.5	2.8	2.1	2.6	2.1	1.8	2.5	2.0	1.8

480V Drive Information

	Rated Output Power ND (kW)		
	0.37	0.75	1.5
Rated Output Current (A)	1.1	2.1	3.4
Rated Apparent Power (kVA)	0.88	1.67	2.71
Standby Losses to S Rated (%)	2.3	1.2	0.8

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	28.4	28.8	29.9	29.2	29.1	30.5	29.3	29.1
	0.75	35.6	32.7	38.3	33.3	31.0	39.5	33.4	30.9
	1.5	41.9	35.0	45.0	35.2	30.7	46.2	34.8	27.5
Overall CDM Losses (W)	0.37	36.7	33	35.6	32.5	32	34.7	32	31.7
	0.75	58.1	43	55	41.7	36.8	52.8	40.7	36.3
	1.5	100.3	64.6	93.7	62.1	50.6	89.1	60.1	49.8
Percent of Losses to Rated Apparent Power (%)	0.37	4.2	3.8	4.0	3.7	3.6	3.9	3.6	3.6
	0.75	3.5	2.6	3.3	2.5	2.2	3.2	2.4	2.2
	1.5	3.7	2.4	3.5	2.3	1.9	3.3	2.2	1.8

600V Drive Information

	Rated Output Power ND (kW)		
	0.37	0.75	1.5
Rated Output Current (A)	0.9	1.7	2.7
Rated Apparent Power (kVA)	0.9	1.69	2.69
Standby Losses to S Rated (%)	3.1	1.6	1.0

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	28.4	30.4	30.7	31.3	31.6	32.0	31.8	31.8
	0.75	35.8	34.6	38.8	35.5	34.2	40.4	35.9	34.3
	1.5	40.0	35.6	44.0	36.8	33.8	46.2	37.3	33.9
Overall CDM Losses (W)	0.37	40.3	37.5	39.6	37.2	36.9	39.1	36.9	36.7
	0.75	58.4	45.4	55.8	44.5	40.5	54	43.8	40.2
	1.5	94.8	63.1	88.4	60.9	51.4	84.1	59.3	50.7
Percent of Losses to Rated Apparent Power (%)	0.37	4.5	4.2	4.4	4.1	4.1	4.3	4.1	4.1
	0.75	3.5	2.7	3.3	2.6	2.4	3.2	2.6	2.4
	1.5	3.5	2.3	3.3	2.3	1.9	3.1	2.2	1.9

PowerFlex 70 Frame B**208V Drive Information**

	Rated Output Power ND (kW)	
	1.5	2.2
Rated Output Current (A)	7.8	11
Rated Apparent Power (kVA)	2.81	3.96
Standby Losses to S Rated (%)	0.4	0.3

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1.5	31.8	27.2	32.9	26.7	23.6	31.8	25.5	22.8
	2.2	34.9	29.1	35.2	28.1	24.4	33.5	26.5	23.4
Overall CDM Losses (W)	1.5	75.4	48.2	66	44.2	35.9	57.9	40.6	34.2
	2.2	104.3	63.3	87.9	56.7	44.9	74.9	51.1	42.3
Percent of Losses to Rated Apparent Power (%)	1.5	2.7	1.7	2.3	1.6	1.3	2.1	1.4	1.2
	2.2	2.6	1.6	2.2	1.4	1.1	1.9	1.3	1.1

240V Drive Information

	Rated Output Power ND (kW)	
	1.5	2.2
Rated Output Current (A)	6.8	9.6
Rated Apparent Power (kVA)	2.71	3.82
Standby Losses to S Rated (%)	0.4	0.3

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1.5	24.8	23.0	25.7	22.8	21.2	25.1	22.0	20.7
	2.2	29.0	25.2	29.8	24.7	22.0	28.8	23.5	21.2
Overall CDM Losses (W)	1.5	58.7	40.8	51.6	37.8	32.3	45.7	35.1	31
	2.2	86.7	54.9	74.3	49.8	40.4	64.4	45.5	38.4
Percent of Losses to Rated Apparent Power (%)	1.5	2.2	1.5	1.9	1.4	1.2	1.7	1.3	1.1
	2.2	2.3	1.4	1.9	1.3	1.1	1.7	1.2	1.0

400V Drive Information

	Rated Output Power ND (kW)	
	2.2	3.7
Rated Output Current (A)	5	8.7
Rated Apparent Power (kVA)	3.29	5.73
Standby Losses to S Rated (%)	0.8	0.4

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	36.1	37.0	40.0	38.1	36.8	41.9	38.4	36.7
	3.7	38.6	36.9	43.1	38.0	35.0	45.30	38.2	34.8
Overall CDM Losses (W)	2.2	85.5	65.5	80.5	63.2	56	76.2	61.1	55
	3.7	144.3	98.6	133.4	93.8	78.2	124.8	89.8	76.2
Percent of Losses to Rated Apparent Power (%)	2.2	2.6	2.0	2.4	1.9	1.7	2.3	1.9	1.7
	3.7	2.5	1.7	2.3	1.6	1.4	2.2	1.6	1.3

480V Drive Information

	Rated Output Power ND (kW)	
	2.2	3.7
Rated Output Current (A)	6	8
Rated Apparent Power (kVA)	4.78	6.37
Standby Losses to S Rated (%)	0.6	0.4

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	34.30	34.8	38.5	36.0	34.4	40.6	36.30	34.30
	3.7	28.5	28.5	32.4	29.7	27.9	34.5	30.0	27.9
Overall CDM Losses (W)	2.2	102.7	75.7	96.2	72.8	63.2	90.8	70.2	61.9
	3.7	135.9	94.5	126.1	90.2	75.9	118.4	86.5	74.1
Percent of Losses to Rated Apparent Power (%)	2.2	2.1	1.6	2.0	1.5	1.3	1.9	1.5	1.3
	3.7	2.1	1.5	2.0	1.4	1.2	1.9	1.4	1.2

600V Drive Information

	Rated Output Power ND (kW)	
	2.2	3.7
Rated Output Current (A)	3.9	6.1
Rated Apparent Power (kVA)	3.88	6.08
Standby Losses to S Rated (%)	0.7	0.6

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	28.2	29.30	32.2	30.8	30.1	34.6	31.6	30.4
	3.7	28.30	27.2	32.30	28.5	26.7	34.7	29.2	26.9
Overall CDM Losses (W)	2.2	84.4	63.7	80.3	62.2	55.4	77.3	61.1	54.9
	3.7	135.1	90.2	125.7	86.8	72.6	119	84.3	71.5
Percent of Losses to Rated Apparent Power (%)	2.2	2.2	1.6	2.1	1.6	1.4	2.0	1.6	1.4
	3.7	2.2	1.5	2.1	1.4	1.2	2.0	1.4	1.2

PowerFlex 70 Frame C**208V Drive Information**

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	17.5	
Rated Apparent Power (kVA)	6.31	
Standby Losses to S Rated (%)	0.4	

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	46.2	38.2	47.2	37.1	32.0	45.4	35.2	30.8
Overall CDM Losses (W)		220.5	126.9	183.8	112.9	86.9	155.7	101.4	81.8
Percent of Losses to Rated Apparent Power (%)		3.5	2.0	2.9	1.8	1.4	2.5	1.6	1.3

240V Drive Information

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	15.3	
Rated Apparent Power (kVA)	6.1	
Standby Losses to S Rated (%)	0.4	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	37.7	32.6	39.2	32.1	28.4	38.30	30.7	27.5
Overall CDM Losses (W)		179.8	108.1	152.6	97.5	77	131.4	88.6	73.1
Percent of Losses to Rated Apparent Power (%)		2.9	1.8	2.5	1.6	1.3	2.2	1.5	1.2

400V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	11.5	15.4
Rated Apparent Power (kVA)	7.57	10.14
Standby Losses to S Rated (%)	0.3	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	34.4	36.2	39.1	37.7	36.5	41.4	38.1	36.30
	7.5	38.0	37.4	43.5	38.8	35.9	46.2	38.9	35.5
Overall CDM Losses (W)	5.5	163.9	120.1	152	114.7	99.1	141.8	109.7	96.7
	7.5	220.8	134.3	201	126.5	102.3	184.8	119.7	99
Percent of Losses to Rated Apparent Power (%)	5.5	2.2	1.6	2.0	1.5	1.3	1.9	1.4	1.3
	7.5	2.2	1.3	2.0	1.2	1.0	1.8	1.2	1.0

480V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	11	14
Rated Apparent Power (kVA)	8.76	11.15
Standby Losses to S Rated (%)	0.1	0.3

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	28.5	30.5	33.2	32.1	31.0	35.7	32.5	30.8
	7.5	28.5	31.30	33.7	33.30	32.5	36.7	34.0	32.6
Overall CDM Losses (W)	5.5	165.5	109.7	153.1	104.6	88.2	142.7	100	85.9
	7.5	222.8	144.5	205.3	137.5	115.1	191	131.4	112.1
Percent of Losses to Rated Apparent Power (%)	5.5	1.9	1.3	1.7	1.2	1.0	1.6	1.1	1.0
	7.5	2.0	1.3	1.8	1.2	1.0	1.7	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	9	11
Rated Apparent Power (kVA)	8.96	10.96
Standby Losses to S Rated (%)	0.4	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	26.4	29.4	31.2	31.4	31.8	34.30	32.6	32.1
	7.5	23.9	25.7	28.4	27.7	27.6	31.4	28.8	28.0
Overall CDM Losses (W)	5.5	153.6	105.5	144.1	102.5	90.4	137.3	100.1	89.4
	7.5	186.7	118.5	173	114.3	97.6	163.3	111.1	96.3
Percent of Losses to Rated Apparent Power (%)	5.5	1.7	1.2	1.6	1.1	1.0	1.5	1.1	1.0
	7.5	1.7	1.1	1.6	1.0	0.9	1.5	1.0	0.9

PowerFlex 70 Frame D

208V Drive Information

	Rated Output Power ND (kW)		
	5.5	7.5	11
Rated Output Current (A)	25.3	32.2	43
Rated Apparent Power (kVA)	9.12	11.6	15.49
Standby Losses to S Rated (%)	0.4	0.3	0.1

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	41.5	43.2	46.9	44.3	41.9	48.6	43.7	41.0
	7.5	39.0	40.2	44.4	41.3	38.5	46.4	40.7	37.7
	11.0	41.3	40.9	47.1	42.0	38.2	49.3	41.3	37.3
Overall CDM Losses (W)	5.5	241.3	155.3	216.4	144.4	119.3	194.3	134.3	114.2
	7.5	304.6	185	270.5	170.5	136.5	241	157.2	129.9
	11.0	416.8	236	366.2	215.3	165.5	323.9	196.7	156.4
Percent of Losses to Rated Apparent Power (%)	5.5	2.6	1.7	2.4	1.6	1.3	2.1	1.5	1.3
	7.5	2.6	1.6	2.3	1.5	1.2	2.1	1.4	1.1
	11.0	2.7	1.5	2.4	1.4	1.1	2.1	1.3	1.0

240V Drive Information

	Rated Output Power ND (kW)		
	5.5	7.5	11
Rated Output Current (A)	22	28	42
Rated Apparent Power (kVA)	8.76	11.15	16.73
Standby Losses to S Rated (%)	0.4	0.3	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	37.1	40.0	42.4	41.3	39.8	44.5	41.2	39.1
	7.5	34.3	36.7	39.6	38.1	36.2	41.9	37.9	35.7
	11	39.9	34.6	43.6	35.9	33.3	41.8	35.7	32.7
Overall CDM Losses (W)	5.5	215.8	143.7	196	134.9	113.2	178.1	126.5	109
	7.5	268.3	169	241.3	157.3	128.2	217.6	146.4	122.8
	11	409.5	234.3	363.1	215.2	166.1	324.0	197.9	157.7
Percent of Losses to Rated Apparent Power (%)	5.5	2.5	1.6	2.2	1.5	1.3	2.0	1.4	1.2
	7.5	2.4	1.5	2.2	1.4	1.1	2.0	1.3	1.1
	11	2.4	1.4	2.2	1.3	1.0	1.9	1.2	0.9

400V Drive Information

	Rated Output Power ND (kW)			
	11	15	18.5	22
Rated Output Current (A)	22	30	37	43
Rated Apparent Power (kVA)	14.48	19.75	24.35	28.30
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11.0	33.5	37.5	39.9	39.9	38.8	43.7	40.8	38.9
	15.0	34.6	37.4	41.4	39.9	38.0	45.4	40.8	38.0
	18.5	36.1	37.9	43.2	40.3	37.9	47.4	41.2	37.9
	22.0	33.1	34.1	39.1	35.8	33.2	42.2	36.2	32.8
Overall CDM Losses (W)	11.0	261.4	172.7	243.3	164.9	137.4	227.2	157.6	133.8
	15.0	349.6	215.9	322.1	204.5	164.4	298.4	194.1	159.3
	18.5	435.2	256.6	398.3	241.7	189.3	367.1	228.3	182.9
	22.0	465.9	265.5	417.9	245.9	188.7	377.7	228.2	180.1
Percent of Losses to Rated Apparent Power (%)	11.0	1.8	1.2	1.7	1.1	0.9	1.6	1.1	0.9
	15.0	1.8	1.1	1.6	1.0	0.8	1.5	1.0	0.8
	18.5	1.8	1.1	1.6	1.0	0.8	1.5	0.9	0.8
	22.0	1.6	0.9	1.5	0.9	0.7	1.3	0.8	0.6

480V Drive Information

	Rated Output Power ND (kW)			
	11	15	18.5	22
Rated Output Current (A)	22	27	34	40
Rated Apparent Power (kVA)	17.53	21.51	27.09	31.87
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	27.30	31.4	33.1	33.8	33.2	36.7	34.9	33.4
	15	27.6	31.0	33.5	33.3	32.4	37.2	34.3	32.6
	18.5	34.8	37.2	41.9	39.7	37.7	46.3	40.8	37.7
	22	32.0	33.5	38.0	35.3	33.0	41.3	35.9	32.7
Overall CDM Losses (W)	11	275.6	181.2	257.3	173.3	143.7	241.1	165.9	140
	15	332.7	209.7	308.7	199.6	161.8	287.8	190.3	157.2
	18.5	419.5	251.9	386.5	238.4	188.2	358.3	226.2	182.2
	22	450.1	260.9	406.3	242.9	187.7	369.3	226.5	179.7
Percent of Losses to Rated Apparent Power (%)	11	1.6	1.0	1.5	1.0	0.8	1.4	0.9	0.8
	15	1.5	1.0	1.4	0.9	0.8	1.3	0.9	0.7
	18.5	1.5	0.9	1.4	0.9	0.7	1.3	0.8	0.7
	22	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6

600V Drive Information

	Rated Output Power ND (kW)			
	11	15	18.5	22
Rated Output Current (A)	17	22	27	32
Rated Apparent Power (kVA)	16.93	21.91	26.89	31.87
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	24.4	26.6	29.5	28.9	28.6	33.2	30.3	29.1
	15	27.5	27.8	33.0	30.0	28.7	36.9	31.3	29.2
	18.5	26.9	28.6	31.7	30.1	28.9	34.4	30.5	28.8
	22	26.7	27.8	31.8	29.4	27.7	34.9	30.0	27.6
Overall CDM Losses (W)	11	246.7	153.4	229.7	148.1	123.6	217.9	144.1	122
	15	331.6	188.2	304.4	179.9	143.6	285.8	173.8	141.1
	18.5	325.0	193.4	292.7	180.5	144.6	266.5	169.3	139.1
	22	376.1	216.3	340.3	201.9	157.4	311.9	189.3	151.3
Percent of Losses to Rated Apparent Power (%)	11	1.5	0.9	1.4	0.9	0.7	1.3	0.9	0.7
	15	1.5	0.9	1.4	0.8	0.7	1.3	0.8	0.6
	18.5	1.2	0.7	1.1	0.7	0.5	1.0	0.6	0.5
	22	1.2	0.7	1.1	0.6	0.5	1.0	0.6	0.5

PowerFlex 70 Frame E**240V Drive Information**

	Rated Output Power ND (kW)	
	15	18.5
Rated Output Current (A)	54	70
Rated Apparent Power (kVA)	21.5	27.9
Standby Losses to S Rated (%)	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	42.8	38.2	43.6	39.8	36.9	46.8	40.0	36.3
	18.5	47.3	44.8	52.8	44.9	37.0	53.4	39.9	36.4
Overall CDM Losses (W)	15	523.1	297.5	466.7	274.0	209.9	418.4	252.5	199.3
	18.5	674.6	382.1	599.5	351.3	268.3	536.0	323.5	254.6
Percent of Losses to Rated Apparent Power (%)	15	2.4	1.4	2.2	1.3	1.0	1.9	1.2	0.9
	18.5	2.4	1.4	2.1	1.3	1.0	1.9	1.2	0.9

400V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	60	72
Rated Apparent Power (kVA)	39.5	47.4
Standby Losses to S Rated (%)	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	31.2	32.0	36.8	33.6	31.0	39.6	33.6	30.5
	37	30.5	31.9	35.9	33.5	31.3	38.7	33.7	30.9
Overall CDM Losses (W)	30	580.5	323.0	515.7	296.4	225.0	460.9	272.4	213.3
	37	687.1	385.0	608.2	353.1	269.2	542.1	324.4	255.3
Percent of Losses to Rated Apparent Power (%)	30	1.5	0.8	1.3	0.8	0.6	1.2	0.7	0.5
	37	1.4	0.8	1.3	0.7	0.6	1.1	0.7	0.5

480V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	52	65
Rated Apparent Power (kVA)	41.4	51.8
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	27.3	29.0	32.4	30.6	28.8	35.0	30.8	28.5
	37	28.0	30.0	33.2	31.7	30.0	35.9	32.0	29.6
Overall CDM Losses (W)	30	507.9	292.6	454.3	270.2	209.0	408.2	249.7	198.9
	37	630.3	362.0	561.3	333.7	257.7	502.9	308.1	245.2
Percent of Losses to Rated Apparent Power (%)	30	1.2	0.7	1.1	0.7	0.5	1.0	0.6	0.5
	37	1.2	0.7	1.1	0.6	0.5	1.0	0.6	0.5

600V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	41	52
Rated Apparent Power (kVA)	40.83	51.79
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	29.1	30.6	34.2	32.4	30.5	37.0	32.9	30.3
	37	27.8	28.6	32.5	30.0	28.0	34.7	30.0	27.7
Overall CDM Losses (W)	30	539.7	309.1	479.9	286.1	221.5	431.5	266.1	212.0
	37	627.1	345.0	549.2	315.4	241.1	485.7	289.3	228.8
Percent of Losses to Rated Apparent Power (%)	30	1.3	0.8	1.2	0.7	0.5	1.1	0.7	0.5
	37	1.2	0.7	1.1	0.6	0.5	0.9	0.6	0.4

PowerFlex 400 AC Drives

These tables provide CDM losses for PowerFlex 70 AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [22C-TD001](#).

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PowerFlex 400 Frame C

240V Drive Information

	Rated Output Power ND (kW)			
	2.2	3.7	5.5	7.5
Rated Output Current (A)	12	17.5	24	33
Rated Apparent Power (kVA)	4.8	7.0	9.6	13.2
Standby Losses to S Rated (%)	1.0	0.7	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	63.6	62.1	69.3	63.3	59.6	71.0	62.8	58.9
	3.7	51.4	50.8	57.7	52.5	49.1	60.6	52.7	48.8
	5.5	50.4	44.0	56.7	45.3	40.6	59.2	45.1	40.0
	7.5	53.7	50.7	59.2	50.5	44.7	59.2	48.1	42.7
Overall CDM Losses (W)	2.2	150.8	110.1	139.3	104.8	90.7	129.2	99.9	88.3
	3.7	192.3	135.8	178.7	129.6	109.6	166.9	123.9	106.8
	5.5	240.5	146.2	220.5	137.8	110.2	203.0	130.1	106.4
	7.5	311.8	182.0	273.2	164.7	127.2	236.6	148.0	118.9
Percent of Losses to Rated Apparent Power (%)	2.2	3.1	2.3	2.9	2.2	1.9	2.7	2.1	1.8
	3.7	2.7	1.9	2.6	1.9	1.6	2.4	1.8	1.5
	5.5	2.5	1.5	2.3	1.4	1.1	2.1	1.4	1.1
	7.5	2.4	1.4	2.1	1.2	1.0	1.8	1.1	0.9

480V Drive Information

	Rated Output Power ND (kW)					
	2.2	3.7	5.5	7.5	11	15
Rated Output Current (A)	6	10.5	12	17	22	30
Rated Apparent Power (kVA)	4.8	8.4	9.6	13.6	17.5	23.9
Standby Losses to S Rated (%)	1.0	0.6	0.5	0.4	0.3	0.2

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	2.2	55.4	56.3	61.2	57.7	55.2	63.2	57.4	54.6
	3.7	49.4	44.7	55.3	45.9	41.9	57.5	45.7	41.5
	5.5	41.0	37.8	46.8	39.3	36.2	49.5	39.6	35.9
	7.5	46.4	45.0	53.8	46.8	42.4	57.3	46.9	41.8
	11	46.4	45.0	53.8	46.8	42.4	57.3	46.9	41.8
	15	46.4	45.0	53.8	46.8	42.4	57.3	46.9	41.8
Overall CDM Losses (W)	2.2	131.4	99.8	123.0	95.5	84.0	114.9	91.3	81.8
	3.7	184.9	119.5	171.0	113.3	93.6	158.4	107.5	90.7
	5.5	195.3	125.5	182.0	119.6	98.4	169.7	114.0	95.6
	7.5	269.4	161.6	248.2	152.6	120.7	229.2	144.2	116.6
	11	344.3	198.1	309.1	182.8	140.5	273.4	166.3	132.2
	15	425.4	240.6	392.3	227.0	172.7	362.0	213.7	166.1
Percent of Losses to Rated Apparent Power (%)	2.2	2.7	2.1	2.6	2.0	1.8	2.4	1.9	1.7
	3.7	2.2	1.4	2.0	1.3	1.1	1.9	1.3	1.1
	5.5	2.0	1.3	1.9	1.2	1.0	1.8	1.2	1.0
	7.5	2.0	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	11	2.0	1.1	1.8	1.0	0.8	1.6	0.9	0.8
	15	1.8	1.0	1.6	0.9	0.7	1.5	0.9	0.7

PowerFlex 400 Frame D

240V Drive Information

	Rated Output Power ND (kW)			
	11	15	18.5	22
Rated Output Current (A)	49	65	75	90
Rated Apparent Power (kVA)	19.5	25.9	29.9	35.9
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11.0	49.6	49.1	56.6	49.8	44.6	58.2	48.1	42.9
	15.0	51.4	50.8	58.9	51.6	45.9	60.9	49.8	44.1
	18.5	52.2	52.1	59.3	52.2	46.3	60.2	49.6	43.9
	22.0	51.4	51.1	59.3	51.9	45.9	61.5	50.2	43.9
Overall CDM Losses (W)	11.0	387.6	226.0	344.5	205.7	157.9	302.7	185.7	147.7
	15.0	519.5	293.1	458.6	264.9	198.9	399.9	237.2	184.8
	18.5	629.8	352.5	546.8	313.4	231.3	466.3	275.0	211.8
	22.0	723.5	397.7	634.8	356.8	261.0	549.6	316.7	240.8
Percent of Losses to Rated Apparent Power (%)	11.0	2.0	1.2	1.8	1.1	0.8	1.6	1.0	0.8
	15.0	2.0	1.1	1.8	1.0	0.8	1.5	0.9	0.7
	18.5	2.1	1.2	1.8	1.0	0.8	1.6	0.9	0.7
	22.0	2.0	1.1	1.8	1.0	0.7	1.5	0.9	0.7

480V Drive Information

	Rated Output Power ND (kW)		
	18.5	22	30
Rated Output Current (A)	38	45.5	60
Rated Apparent Power (kVA)	30.3	36.3	47.8
Standby Losses to S Rated (%)	0.2	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	40.0	41.0	48.8	43.4	39.5	53.9	44.0	39.1
	22	41.1	42.0	50.4	44.6	40.4	56.0	45.5	40.0
	30	39.8	40.1	49.6	43.3	38.6	56.2	44.6	38.5
Overall CDM Losses (W)	18.5	482.8	277.1	449.8	260.5	197.3	417.5	244.1	188.7
	22	578.8	326.9	539.4	307.0	230.0	501.1	287.5	219.7
	30	738.8	404.0	695.4	382.4	280.5	654.4	361.3	269.5
Percent of Losses to Rated Apparent Power (%)	18.5	1.6	0.9	1.5	0.9	0.7	1.4	0.8	0.6
	22	1.6	0.9	1.5	0.8	0.6	1.4	0.8	0.6
	30	1.5	0.8	1.5	0.8	0.6	1.4	0.8	0.6

PowerFlex 400 Frame E

240V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	120	145
Rated Apparent Power (kVA)	47.8	57.8
Standby Losses to S Rated (%)	0.2	0.2

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	52.3	52.5	61.9	54.8	49.3	66.4	54.4	48.2
	37	54.8	52.1	65.0	54.2	46.7	70.0	53.6	45.3
Overall CDM Losses (W)	30	971.2	529.2	868.0	483.9	358.1	774.1	440.9	336.7
	37	1233.7	628.8	1100	571	401.6	980.2	516.7	374.6
Percent of Losses to Rated Apparent Power (%)	30	2.0	1.1	1.8	1.0	0.7	1.6	0.9	0.7
	37	2.1	1.1	1.9	1.0	0.7	1.7	0.9	0.6

480V Drive Information

	Rated Output Power ND (kW)			
	37	45	55	75
Rated Output Current (A)	72	88	105	142
Rated Apparent Power (kVA)	57.4	70.1	83.7	113.1
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	37	36.9	39.3	44.7	42.2	39.0	49.6	43.3	38.9
	45	35.5	36.9	43.2	39.4	35.9	47.8	40.1	35.7
	55	34.2	37.3	43.0	40.8	37.7	48.9	42.3	37.9
	75	35.1	37.3	44.4	40.9	37.1	50.8	42.6	37.1
Overall CDM Losses (W)	37	832.3	474.4	756.6	443.9	335.0	694.2	416.8	321.9
	45	958.2	528.8	872.4	492.6	363.8	796.3	458.9	347.3
	55	1106.8	629.4	1037.6	593.8	438.1	970.0	558.7	419.6
	75	1525.3	837.1	1433.0	789.5	568.4	1343.5	742.6	543.6
Percent of Losses to Rated Apparent Power (%)	37	1.5	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	45	1.4	0.8	1.2	0.7	0.5	1.1	0.7	0.5
	55	1.3	0.8	1.2	0.7	0.5	1.2	0.7	0.5
	75	1.3	0.7	1.3	0.7	0.5	1.2	0.7	0.5

PowerFlex 400 Frame F

480V Drive Information

	Rated Output Power ND (kW)	
	90	110
Rated Output Current (A)	170	208
Rated Apparent Power (kVA)	135.5	165.7
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	90	36.4	37.6	45.6	41.1	37.0	51.6	42.3	36.8
	110	40.8	44.4	54.1	50.6	46.0	65.0	54.3	47.1
Overall CDM Losses (W)	90	1880.0	998.2	1744.7	935.0	664.9	1613.6	872.9	633.3
	110	2266.7	1210.5	2126.6	1147.0	818.9	1992.8	1085.1	787.7
Percent of Losses to Rated Apparent Power (%)	90	1.4	0.7	1.3	0.7	0.5	1.2	0.6	0.5
	110	1.4	0.7	1.3	0.7	0.5	1.2	0.7	0.5

PowerFlex 400 Frame G

480V Drive Information

	Rated Output Power ND (kW)	
	132	160
Rated Output Current (A)	260	310
Rated Apparent Power (kVA)	207.2	247.0
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	132	50.6	50.1	66.2	56.6	49.6	78.6	60.4	50.3
	160	55.3	51.1	72.3	57.6	47.8	85.8	61.4	48.4
Overall CDM Losses (W)	132	3365.1	1632.7	3101.0	1531.0	1045.1	2876.6	1439.5	1001.9
	160	4430.8	2002.2	4078.9	1872.6	1209.8	3784.9	1757.6	1158.1
Percent of Losses to Rated Apparent Power (%)	132	1.6	0.8	1.5	0.7	0.5	1.4	0.7	0.5
	160	1.8	0.8	1.7	0.8	0.5	1.5	0.7	0.5

PowerFlex 400 Frame H

480V Drive Information

	Rated Output Power ND (kW)	
	200	250
Rated Output Current (A)	370	460
Rated Apparent Power (kVA)	294.8	366.5
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	200	47.1	44.1	61.5	49.3	40.5	72.9	52.4	40.8
	250	53.1	48.7	69.5	55.0	44.3	82.9	58.3	44.7
Overall CDM Losses (W)	200	4701.9	2141.4	4321.4	1994.6	1269.7	4002.5	1863.2	1208.9
	250	6570.8	2869.4	6040.9	2671.9	1658.1	5606.6	2498.3	1579.2
Percent of Losses to Rated Apparent Power (%)	200	1.6	0.7	1.5	0.7	0.4	1.4	0.6	0.4
	250	1.8	0.8	1.6	0.7	0.5	1.5	0.7	0.4

PowerFlex 523 AC Drives

These tables provide CDM losses for PowerFlex 523 AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [520-TD001](#).

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PowerFlex 523 Frame A

240V Drive Information

	Rated Output Power ND (kW)				
	0.2	0.37	0.75	1.5	2.2
Rated Output Current (A)	1.6	2.5	5.0	8	11
Rated Apparent Power (kVA)	0.6	1.1	2.0	3.2	4.4
Standby Losses to S Rated (%)	7.8	5.0	2.5	1.6	1.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.2	55.9	56.8	57.3	57.2	57.2	57.8	57.3	57.2
	0.37	54.8	56.2	57.1	56.9	57.0	58.0	57.1	57.0
	0.75	54.8	56.2	57.1	56.9	57.0	58.0	57.1	57.0
	1.5	52.4	54.6	57.5	56.0	54.7	59.5	56.1	54.4
	2.2	49.5	52.3	55.0	53.9	52.6	57.3	54.1	52.3
Overall CDM Losses (W)	0.2	58.1	55.9	57.4	55.5	55.2	56.7	55.1	55.0
	0.37	64.1	60.2	63.0	59.6	59.1	61.9	59.0	58.7
	0.75	83.0	70.0	80.0	68.5	59.1	76.6	66.8	58.7
	1.5	98.5	79.8	93.5	77.3	70.5	88.8	75.0	69.3
	2.2	117.3	92.7	110.6	89.3	80.0	104.2	86.0	78.3
Percent of Losses to Rated Apparent Power (%)	0.2	9.7	9.3	9.6	9.3	9.2	9.5	9.2	9.2
	0.37	6.4	5.5	6.3	6.0	5.4	6.2	5.4	5.9
	0.75	6.4	6.0	6.3	6.0	5.9	6.2	5.9	5.9
	1.5	3.1	2.5	2.9	2.4	2.2	2.8	2.3	2.2
	2.2	2.7	2.1	2.5	2.0	1.8	2.4	2.0	1.8

480V Drive Information

	Rated Output Power ND (kW)			
	0.37	0.75	1.5	2.2
Rated Output Current (A)	1.4	2.3	4	6.0
Rated Apparent Power (kVA)	1.1	1.8	3.2	4.8
Standby Losses to S Rated (%)	4.6	2.8	1.6	1.0

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	53.6	55.6	56.3	56.6	56.8	57.7	57.0	57.0
	0.75	50.8	52.1	55.0	53.5	51.7	57.1	54.2	52.1
	1.5	48.2	51.7	54.3	53.8	53.2	57.6	54.8	53.5
	2.2	48.8	51.0	55.5	53.4	52.0	59.3	54.5	52.2
Overall CDM Losses (W)	0.37	62.7	59.6	62.1	59.3	58.9	61.5	58.9	58.6
	0.75	72.1	64.1	70.9	63.5	60.5	69.8	62.9	60.2
	1.5	90.6	75.5	88.3	74.3	68.6	86.0	73.2	68.1
	2.2	115.6	90.4	111.6	88.5	79.2	107.8	86.6	78.3
Percent of Losses to Rated Apparent Power (%)	0.37	5.7	5.4	5.6	5.4	5.4	5.6	5.4	5.3
	0.75	4.0	3.6	3.9	3.5	3.4	3.9	3.5	3.3
	1.5	2.8	2.4	2.8	2.3	2.1	2.7	2.3	2.1
	2.2	2.4	1.9	2.3	1.8	1.7	2.2	1.8	1.6

600V Drive Information

	Rated Output Power ND (kW)			
	0.37	0.75	1.5	2.2
Rated Output Current (A)	0.9	1.7	3	4.2
Rated Apparent Power (kVA)	0.9	1.7	3.0	4.2
Standby Losses to S Rated (%)	5.6	3.0	1.7	1.2

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	49.8	52.6	52.5	53.6	53.9	53.9	54.1	54.1
	0.75	47.5	49.8	51.6	51.3	50.0	53.8	52.0	50.4
	1.5	46.0	49.7	52.1	52.0	51.6	55.7	53.1	51.9
	2.2	45.7	48.1	52.6	50.7	49.6	56.8	52.0	49.9
Overall CDM Losses (W)	0.37	58.3	56.3	57.9	56.1	55.9	57.5	55.9	55.7
	0.75	67.5	61.3	66.6	60.8	58.4	65.8	60.4	58.2
	1.5	86.4	72.6	84.7	71.7	66.5	83.1	70.9	66.1
	2.2	108.4	85.2	105.8	84.0	75.4	103.3	82.7	74.8
Percent of Losses to Rated Apparent Power (%)	0.37	6.5	6.3	6.4	6.2	6.2	6.4	6.2	6.2
	0.75	4.0	3.6	3.9	3.6	3.4	3.9	3.6	3.4
	1.5	2.9	2.4	2.8	2.4	2.2	2.8	2.4	2.2
	2.2	2.6	2.0	2.5	2.0	1.8	2.5	2.0	1.8

PowerFlex 523 Frame B

240V Drive Information

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	17.5	
Rated Apparent Power (kVA)	7.0	
Standby Losses to S Rated (%)	0.7	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	45.1	46.2	50.7	47.8	45.3	53.1	47.8	45.0
Overall CDM Losses (W)		168.6	123.6	157.0	117.9	101.3	146.3	112.4	98.5
Percent of Losses to Rated Apparent Power (%)		2.4	1.8	2.2	1.7	1.4	2.1	1.6	1.4

480V Drive Information

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	10.5	
Rated Apparent Power (kVA)	8.4	
Standby Losses to S Rated (%)	0.6	

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	42.8	39.8	49.2	41.7	38.8	52.6	42.4	38.9
Overall CDM Losses (W)		160.2	106.4	152.4	103.0	86.8	145.1	99.8	85.2
Percent of Losses to Rated Apparent Power (%)		1.9	1.3	1.8	1.2	1.0	1.7	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	6.6	
Rated Apparent Power (kVA)	6.6	
Standby Losses to S Rated (%)	0.8	

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	35.8	37.8	41.8	40.1	38.9	45.5	41.2	39.3
Overall CDM Losses (W)		133.7	101.1	129.4	99.0	87.0	125.3	97.0	85.9
Percent of Losses to Rated Apparent Power (%)		2.0	1.5	2.0	1.5	1.3	1.9	1.5	1.3

PowerFlex 523 Frame C

240V Drive Information

	Rated Output Power ND (kW)	
	5.5	
Rated Output Current (A)	24	
Rated Apparent Power (kVA)	9.6	
Standby Losses to S Rated (%)	0.6	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	45.5	39.5	49.6	39.9	36.2	50.4	39.1	35.3
Overall CDM Losses (W)		217.2	131.1	193.0	121.4	98.2	172.8	112.6	94.0
Percent of Losses to Rated Apparent Power (%)		2.3	1.4	2.0	1.3	1.0	1.8	1.2	1.0

480V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	13	17
Rated Apparent Power (kVA)	10.4	13.6
Standby Losses to S Rated (%)	0.5	0.4

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	42.4	38.4	49.4	40.5	37.3	53.2	41.3	37.3
	7.5	43.4	42.6	51.6	45.1	41.4	56.4	46.0	41.3
Overall CDM Losses (W)	5.5	202.4	127.6	192.0	123.2	101.3	182.4	119.0	99.2
	7.5	252.0	152.9	238.4	147.1	117.7	225.7	141.5	115.0
Percent of Losses to Rated Apparent Power (%)	5.5	1.9	1.2	1.8	1.2	1.0	1.8	1.1	1.0
	7.5	1.9	1.1	1.8	1.1	0.9	1.7	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	9.9	12
Rated Apparent Power (kVA)	9.9	12.0
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	34.1	33.2	39.9	35.2	33.5	43.2	36.0	33.6
	7.5	32.4	34.6	38.8	36.8	35.2	42.7	37.8	35.3
Overall CDM Losses (W)	5.5	162.9	110.3	155.3	107.0	90.9	148.2	103.9	89.3
	7.5	188.4	124.1	179.3	120.1	100.2	170.8	116.2	98.3
Percent of Losses to Rated Apparent Power (%)	5.5	1.6	1.1	1.6	1.1	0.9	1.5	1.0	0.9
	7.5	1.6	1.0	1.5	1.0	0.8	1.4	1.0	0.8

PowerFlex 523 Frame D

240V Drive Information

	Rated Output Power ND (kW)	
	7.5	
Rated Output Current (A)	32.2	
Rated Apparent Power (kVA)	12.8	
Standby Losses to S Rated (%)	0.7	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	57.4	58.4	65.5	60.4	57.0	69.2	60.5	56.2
Overall CDM Losses (W)		333.2	209.7	302.6	197.2	162.2	276.7	185.9	156.7
Percent of Losses to Rated Apparent Power (%)		2.6	1.6	2.4	1.5	1.3	2.2	1.5	1.2

480V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	24	30
Rated Apparent Power (kVA)	19.1	23.9
Standby Losses to S Rated (%)	0.5	0.4

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	47.3	50.5	57.1	54.1	51.6	63.1	55.7	51.9
	15	45.3	47.1	55.1	50.6	47.5	61.2	52.2	47.7
Overall CDM Losses (W)	11	369.6	232.8	348.0	223.7	182.7	328.2	215.1	178.5
	15	458.0	271.6	428.5	259.5	205.6	401.9	248.2	200.1
Percent of Losses to Rated Apparent Power (%)	11	1.9	1.2	1.8	1.2	1.0	1.7	1.1	0.9
	15	1.9	1.1	1.8	1.1	0.9	1.7	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	19	22
Rated Apparent Power (kVA)	18.9	21.9
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	45.3	47.9	55.6	51.8	49.3	62.5	53.9	49.9
	15	39.9	42.2	49.4	46.0	43.7	55.9	48.0	44.3
Overall CDM Losses (W)	11	354.2	220.6	338.8	214.1	174.8	324.8	207.9	171.8
	15	402.8	243.6	384.0	235.7	189.3	367.1	228.4	185.7
Percent of Losses to Rated Apparent Power (%)	11	1.9	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	15	1.8	1.1	1.8	1.1	0.9	1.7	1.0	0.8

PowerFlex 523 Frame E

240V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	48.3	62.1
Rated Apparent Power (kVA)	19.2	24.7
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	67.0	71.9	78.7	75.9	73.5	84.9	77.0	73.4
	15	62.2	68.7	73.9	73.1	71.4	80.6	74.6	71.4
Overall CDM Losses (W)	11	523.5	331.4	479.2	313.5	260.4	441.5	297.2	252.5
	15	628.1	396.8	574.7	374.7	309.2	529.5	354.7	299.4
Percent of Losses to Rated Apparent Power (%)	11	2.7	1.7	2.5	1.6	1.4	2.3	1.5	1.3
	15	2.5	1.6	2.3	1.5	1.3	2.1	1.4	1.2

480V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	37	43
Rated Apparent Power (kVA)	29.5	34.3
Standby Losses to S Rated (%)	0.3	0.3

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	52.3	57.9	64.2	62.6	61.5	71.9	65.1	62.2
	22	51.2	57.4	63.6	62.5	61.7	71.9	65.5	62.5
Overall CDM Losses (W)	18.5	631.6	391.5	592.1	375.8	307.4	557.0	361.2	300.5
	22	720.8	446.6	680.0	429.6	350.9	642.8	413.5	343.0
Percent of Losses to Rated Apparent Power (%)	18.5	2.1	1.3	2.0	1.3	1.0	1.9	1.2	1.0
	22	2.1	1.3	2.0	1.3	1.0	1.9	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	27	32
Rated Apparent Power (kVA)	26.89	31.87
Standby Losses to S Rated (%)	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	46.2	53.0	57.6	57.9	58.1	65.5	60.8	59.1
	22.0	44.2	51.7	55.4	56.8	57.4	63.3	60.0	58.4
Overall CDM Losses (W)	18.5	557.5	358.4	531.1	347.5	290.2	507.2	337.2	285.2
	22.0	621.6	402.7	592.9	390.3	326.5	566.4	378.4	320.6
Percent of Losses to Rated Apparent Power (%)	18.5	2.1	1.3	2.0	1.3	1.1	1.9	1.3	1.1
	22.0	2.0	1.3	1.9	1.2	1.0	1.8	1.2	1.0

PowerFlex 525 AC Drives

These tables provide CDM losses for PowerFlex 525 AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [520-TD001](#).

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PowerFlex 525 Frame A

240V Drive Information

	Rated Output Power ND (kW)			
	0.37	0.75	1.5	2.2
Rated Output Current (A)	2.5	5	8	11
Rated Apparent Power (kVA)	1.0	2.0	3.2	4.4
Standby Losses to S Rated (%)	5.0	2.5	1.6	1.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	54.8	56.2	57.1	56.9	57.0	58.0	57.1	57.0
	0.75	58.4	56.8	62.0	57.7	54.6	63.3	57.9	54.6
	1.5	55.4	56.7	61.0	58.2	56.3	63.3	58.4	56.1
	2.2	52.2	53.3	57.8	54.8	52.8	60.1	54.9	52.5
Overall CDM Losses (W)	0.37	60.2	63.0	59.6	59.1	61.9	59.0	58.7	60.2
	0.75	82.9	69.9	80.0	68.5	63.8	77.3	67.2	63.1
	1.5	104.2	82.8	99.2	80.4	72.6	94.5	78.0	71.5
	2.2	123.7	94.4	116.2	90.8	80.3	109.4	87.4	78.6
Percent of Losses to Rated Apparent Power (%)	0.37	6.0	6.3	6.0	5.9	6.2	5.9	5.9	6.0
	0.75	4.1	3.5	4.0	3.4	3.2	3.9	3.4	3.2
	1.5	3.3	2.6	3.1	2.5	2.3	3.0	2.4	2.2
	2.2	2.8	2.1	2.6	2.1	1.8	2.5	2.0	1.8

480V Drive Information

	Rated Output Power ND (kW)			
	0.37	0.75	1.5	2.2
Rated Output Current (A)	1.4	2.3	4	6
Rated Apparent Power (kVA)	1.1	1.8	3.2	4.8
Standby Losses to S Rated (%)	4.5	2.7	1.6	1.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	53.0	55.2	55.7	56.2	56.4	57.1	56.6	56.5
	0.75	51.0	52.3	55.2	53.8	52.0	57.4	54.5	52.3
	1.5	48.2	51.7	54.3	53.8	53.2	57.6	54.8	53.5
	2.2	48.8	51.0	55.5	53.4	52.0	59.3	54.5	52.2
Overall CDM Losses (W)	0.37	62.0	59.1	61.4	58.8	58.4	60.8	58.5	58.2
	0.75	72.4	64.4	71.2	63.8	60.8	70.1	63.2	60.5
	1.5	90.6	75.5	88.3	74.3	68.6	86.0	73.2	68.1
	2.2	115.6	90.4	111.6	88.5	79.2	107.8	86.6	78.3
Percent of Losses to Rated Apparent Power (%)	0.37	5.6	5.4	5.6	5.3	5.3	5.5	5.3	5.3
	0.75	4.0	3.6	4.0	3.5	3.4	3.9	3.5	3.4
	1.5	2.8	2.4	2.8	2.3	2.1	2.7	2.3	2.1
	2.2	2.4	1.9	2.3	1.8	1.7	2.2	1.8	1.6

600V Drive Information

	Rated Output Power ND (kW)			
	0.37	0.75	1.5	2.2
Rated Output Current (A)	0.9	1.7	3	4.2
Rated Apparent Power (kVA)	0.9	1.7	3.0	4.2
Standby Losses to S Rated (%)	5.6	3.0	1.7	1.2

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	49.8	52.6	52.5	53.6	53.9	53.9	54.1	54.1
	0.75	47.5	49.8	51.6	51.3	50.0	53.8	52.0	50.4
	1.5	46.0	49.7	52.1	52.0	51.6	55.7	53.1	51.9
	2.2	45.7	48.1	52.6	50.7	49.6	56.8	52.0	49.9
Overall CDM Losses (W)	0.37	58.3	56.3	57.9	56.1	55.9	57.5	55.9	55.7
	0.75	67.5	61.3	66.6	60.8	58.4	65.8	60.4	58.2
	1.5	86.4	72.6	84.7	71.7	66.5	83.1	70.9	66.1
	2.2	108.4	85.2	105.8	84.0	75.4	103.3	82.7	74.8
Percent of Losses to Rated Apparent Power (%)	0.37	6.5	6.3	6.4	6.2	6.2	6.4	6.2	6.2
	0.75	4.0	3.6	3.9	3.6	3.4	3.9	3.6	3.4
	1.5	2.9	2.4	2.8	2.4	2.2	2.8	2.4	2.2
	2.2	2.6	2.0	2.5	2.0	1.8	2.5	2.0	1.8

PowerFlex 525 Frame B

240V Drive Information

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	17.5	
Rated Apparent Power (kVA)	7.0	
Standby Losses to S Rated (%)	0.7	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	45.1	46.2	50.7	47.8	45.3	53.1	47.8	45.0
Overall CDM Losses (W)		168.6	123.6	157.0	117.9	101.3	146.3	112.4	98.5
Percent of Losses to Rated Apparent Power (%)		2.4	1.8	2.2	1.7	1.4	2.1	1.6	1.4

480V Drive Information

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	10.5	
Rated Apparent Power (kVA)	8.4	
Standby Losses to S Rated (%)	0.6	

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	42.8	39.8	49.2	41.7	38.8	52.6	42.4	38.9
Overall CDM Losses (W)		160.2	106.4	152.4	103.0	86.8	145.1	99.8	85.2
Percent of Losses to Rated Apparent Power (%)		1.9	1.3	1.8	1.2	1.0	1.7	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	6.6	
Rated Apparent Power (kVA)	6.6	
Standby Losses to S Rated (%)	0.8	

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	35.8	37.8	41.8	40.1	38.9	45.5	41.2	39.3
Overall CDM Losses (W)		133.7	101.1	129.4	99.0	87.0	125.3	97.0	85.9
Percent of Losses to Rated Apparent Power (%)		2.0	1.5	2.0	1.5	1.3	1.9	1.5	1.3

PowerFlex 525 Frame C

240V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	24	32.2
Rated Apparent Power (kVA)	9.6	12.8
Standby Losses to S Rated (%)	0.6	0.7

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	45.5	39.5	49.6	39.9	36.2	50.4	39.1	35.3
	7.5	57.4	58.4	65.5	60.4	57.0	69.2	60.5	56.2
Overall CDM Losses (W)	5.5	217.2	131.1	193.0	121.4	98.2	172.8	112.6	94.0
	7.5	333.2	209.7	302.6	197.2	162.2	276.7	185.9	156.7
Percent of Losses to Rated Apparent Power (%)	5.5	2.3	1.4	2.0	1.3	1.0	1.8	1.2	1.0
	7.5	2.6	1.6	2.4	1.5	1.3	2.2	1.5	1.2

480V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	13	17
Rated Apparent Power (kVA)	10.4	13.6
Standby Losses to S Rated (%)	0.5	0.4

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	42.4	38.4	49.4	40.5	37.3	53.2	41.3	37.3
	7.5	43.4	42.6	51.6	45.1	41.4	56.4	46.0	41.3
Overall CDM Losses (W)	5.5	202.4	127.6	192.0	123.2	101.3	182.4	119.0	99.2
	7.5	252.0	152.9	238.4	147.1	117.7	225.7	141.5	115.0
Percent of Losses to Rated Apparent Power (%)	5.5	1.9	1.2	1.8	1.2	1.0	1.8	1.1	1.0
	7.5	1.9	1.1	1.8	1.1	0.9	1.7	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	9.9	12
Rated Apparent Power (kVA)	9.9	12.0
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	34.1	33.2	39.9	35.2	33.5	43.2	36.0	33.6
	7.5	32.4	34.6	38.8	36.8	35.2	42.7	37.8	35.3
Overall CDM Losses (W)	5.5	162.9	110.3	155.3	107.0	90.9	148.2	103.9	89.3
	7.5	188.4	124.1	179.3	120.1	100.2	170.8	116.2	98.3
Percent of Losses to Rated Apparent Power (%)	5.5	1.6	1.1	1.6	1.1	0.9	1.5	1.0	0.9
	7.5	1.6	1.0	1.5	1.0	0.8	1.4	1.0	0.8

PowerFlex 525 Frame D**240V Drive Information**

	Rated Output Power ND (kW)	
	7.5	
Rated Output Current (A)	32.2	
Rated Apparent Power (kVA)	12.8	
Standby Losses to S Rated (%)	0.7	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	57.4	58.4	65.5	60.4	57.0	69.2	60.5	56.2
Overall CDM Losses (W)		333.2	209.7	302.6	197.2	162.2	276.7	185.9	156.7
Percent of Losses to Rated Apparent Power (%)		2.6	1.6	2.4	1.5	1.3	2.2	1.5	1.2

480V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	24	30
Rated Apparent Power (kVA)	19.1	23.9
Standby Losses to S Rated (%)	0.5	0.4

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	47.3	50.5	57.1	54.1	51.6	63.1	55.7	51.9
	15	45.3	47.1	55.1	50.6	47.5	61.2	52.2	47.7
Overall CDM Losses (W)	11	369.6	232.8	348.0	223.7	182.7	328.2	215.1	178.5
	15	458.0	271.6	428.5	259.5	205.6	401.9	248.2	200.1
Percent of Losses to Rated Apparent Power (%)	11	1.9	1.2	1.8	1.2	1.0	1.7	1.1	0.9
	15	1.9	1.1	1.8	1.1	0.9	1.7	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	19	22
Rated Apparent Power (kVA)	18.9	21.9
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	45.3	47.9	55.6	51.8	49.3	62.5	53.9	49.9
	15	39.9	42.2	49.4	46.0	43.7	55.9	48.0	44.3
Overall CDM Losses (W)	11	354.2	220.6	338.8	214.1	174.8	324.8	207.9	171.8
	15	402.8	243.6	384.0	235.7	189.3	367.1	228.4	185.7
Percent of Losses to Rated Apparent Power (%)	11	1.9	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	15	1.8	1.1	1.8	1.1	0.9	1.7	1.0	0.8

PowerFlex 525 Frame E

240V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	48.3	62.1
Rated Apparent Power (kVA)	19.2	24.7
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	67.0	71.9	78.7	75.9	73.5	84.9	77.0	73.4
	15	62.2	68.7	73.9	73.1	71.4	80.6	74.6	71.4
Overall CDM Losses (W)	11	523.5	331.4	479.2	313.5	260.4	441.5	297.2	252.5
	15	628.1	396.8	574.7	374.7	309.2	529.5	354.7	299.4
Percent of Losses to Rated Apparent Power (%)	11	2.7	1.7	2.5	1.6	1.4	2.3	1.5	1.3
	15	2.5	1.6	2.3	1.5	1.3	2.1	1.4	1.2

480V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	37	43
Rated Apparent Power (kVA)	29.48	34.26
Standby Losses to S Rated (%)	0.3	0.3

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	52.3	57.9	64.2	62.6	61.5	71.9	65.1	62.2
	22	51.2	57.4	63.6	62.5	61.7	71.9	65.5	62.5
Overall CDM Losses (W)	18.5	631.6	391.5	592.1	375.8	307.4	557.0	361.2	300.5
	22	720.8	446.6	680.0	429.6	350.9	642.8	413.5	343.0
Percent of Losses to Rated Apparent Power (%)	18.5	2.1	1.3	2.0	1.3	1.0	1.9	1.2	1.0
	22	2.1	1.3	2.0	1.3	1.0	1.9	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	27	32
Rated Apparent Power (kVA)	26.9	31.9
Standby Losses to S Rated (%)	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	46.2	53.0	57.6	57.9	58.1	65.5	60.8	59.1
	22.0	44.2	51.7	55.4	56.8	57.4	63.3	60.0	58.4
Overall CDM Losses (W)	18.5	557.5	358.4	531.1	347.5	290.2	507.2	337.2	285.2
	22.0	621.6	402.7	592.9	390.3	326.5	566.4	378.4	320.6
Percent of Losses to Rated Apparent Power (%)	18.5	2.1	1.3	2.0	1.3	1.1	1.9	1.3	1.1
	22.0	1.9	1.3	1.9	1.2	1.0	1.8	1.2	1.0

PowerFlex 527 AC Drives

These tables provide CDM losses for PowerFlex 527 AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [520-TD002](#).

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PowerFlex 527 Frame A

240V Drive Information

	Rated Output Power ND (kW)			
	0.37	0.75	1.5	2.2
Rated Output Current (A)	2.5	5	8	11
Rated Apparent Power (kVA)	1.0	2.0	3.2	4.4
Standby Losses to S Rated (%)	5.0	2.5	1.6	1.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	54.9	56.3	57.2	57.0	57.0	58.1	57.1	57.0
	0.75	58.5	56.8	62.0	57.7	54.6	63.1	57.8	54.5
	1.5	55.6	56.7	61.0	58.1	56.3	63.1	58.3	56.0
	2.2	52.4	53.3	57.8	54.8	52.7	60.0	54.8	52.3
Overall CDM Losses (W)	0.37	64.3	60.3	63.0	59.7	59.1	61.9	59.0	58.7
	0.75	83.0	70.0	80.0	68.5	63.8	77.1	67.1	63.0
	1.5	104.4	82.8	99.1	80.3	72.5	94.2	77.8	71.3
	2.2	124.1	94.5	116.3	90.7	80.2	109.1	87.1	78.4
Percent of Losses to Rated Apparent Power (%)	0.37	6.4	6.0	6.3	6.0	5.9	6.2	5.9	5.9
	0.75	4.2	3.5	4.0	3.4	3.2	3.9	3.4	3.2
	1.5	3.3	2.6	3.1	2.5	2.3	2.9	2.4	2.2
	2.2	2.8	2.1	2.6	2.1	1.8	2.5	2.0	1.8

480V Drive Information

	Rated Output Power ND (kW)			
	0.37	0.75	1.5	2.2
Rated Output Current (A)	1.4	2.3	4	6
Rated Apparent Power (kVA)	1.1	1.8	3.2	4.8
Standby Losses to S Rated (%)	4.5	2.7	1.6	1.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	53.5	55.5	56.2	56.5	56.6	57.5	56.9	56.8
	0.75	52.0	52.7	56.2	54.2	52.1	58.4	54.8	52.4
	1.5	48.0	51.4	54.0	53.6	53.0	57.2	54.5	53.2
	2.2	48.6	50.7	55.2	53.1	51.7	58.8	54.1	51.9
Overall CDM Losses (W)	0.37	62.6	59.5	61.9	59.1	58.7	61.3	58.8	58.5
	0.75	73.8	64.9	72.5	64.3	60.9	71.3	63.6	60.6
	1.5	90.2	75.2	87.8	74.0	68.3	85.5	72.8	67.7
	2.2	115.1	89.9	110.9	87.9	78.7	107.0	86.0	77.7
Percent of Losses to Rated Apparent Power (%)	0.37	5.7	5.4	5.6	5.4	5.3	5.6	5.3	5.3
	0.75	4.1	3.6	4.0	3.6	3.4	4.0	3.5	3.5
	1.5	2.8	2.4	2.7	2.3	2.1	2.7	2.3	2.1
	2.2	2.4	1.9	2.3	1.8	1.6	2.2	1.8	1.6

600V Drive Information

	Rated Output Power ND (kW)			
	0.37	0.75	1.5	2.2
Rated Output Current (A)	0.9	1.7	3	4.2
Rated Apparent Power (kVA)	0.9	1.7	3.0	4.2
Standby Losses to S Rated (%)	5.6	3.0	1.7	1.2

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	49.8	52.6	52.5	53.6	53.9	53.9	54.1	54.1
	0.75	47.5	49.7	51.6	51.3	50.0	53.8	52.0	50.4
	1.5	46.0	49.7	52.1	51.9	51.6	55.6	53.1	51.9
	2.2	45.7	48.1	52.6	50.7	49.6	56.8	52.0	49.9
Overall CDM Losses (W)	0.37	58.2	56.3	57.8	56.1	55.9	57.5	55.9	55.7
	0.75	67.5	61.3	66.6	60.8	58.4	65.7	60.4	58.2
	1.5	86.4	72.6	84.7	71.7	66.5	83.1	70.9	66.1
	2.2	108.4	85.2	105.8	83.9	75.4	103.3	82.7	74.8
Percent of Losses to Rated Apparent Power (%)	0.37	6.5	6.3	6.4	6.2	6.2	6.4	6.2	6.2
	0.75	4.0	3.6	3.9	3.6	3.4	3.9	3.6	3.4
	1.5	2.9	2.4	2.8	2.4	2.2	2.8	2.4	2.2
	2.2	2.6	2.0	2.5	2.0	1.8	2.5	2.0	1.8

PowerFlex 527 Frame B

240V Drive Information

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	17.5	
Rated Apparent Power (kVA)	7.0	
Standby Losses to S Rated (%)	0.7	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	45.2	46.2	50.6	47.6	45.2	52.8	47.5	44.8
Overall CDM Losses (W)		168.9	123.6	156.7	117.5	100.9	145.5	111.8	98.0
Percent of Losses to Rated Apparent Power (%)		2.4	1.8	2.2	1.7	1.4	2.1	1.6	1.4

480V Drive Information

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	10.5	
Rated Apparent Power (kVA)	8.4	
Standby Losses to S Rated (%)	0.6	

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	42.6	39.6	48.8	41.4	38.6	52.1	42.0	38.6
Overall CDM Losses (W)		159.4	105.8	151.2	102.2	86.2	143.5	98.8	84.5
Percent of Losses to Rated Apparent Power (%)		1.9	1.3	1.8	1.2	1.0	1.7	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)	
	3.7	
Rated Output Current (A)	6.6	
Rated Apparent Power (kVA)	6.6	
Standby Losses to S Rated (%)	0.8	

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	3.7	35.7	37.8	41.8	40.1	38.9	45.5	41.2	39.3
Overall CDM Losses (W)		133.7	101.1	129.4	99.0	86.9	125.2	96.9	85.9
Percent of Losses to Rated Apparent Power (%)		2.0	1.5	2.0	1.5	1.3	1.9	1.5	1.3

PowerFlex 527 Frame C

240V Drive Information

	Rated Output Power ND (kW)	
	5.5	
Rated Output Current (A)	24	
Rated Apparent Power (kVA)	9.6	
Standby Losses to S Rated (%)	0.6	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	46.0	39.7	49.8	40.0	36.2	50.3	39.0	35.3
Overall CDM Losses (W)		219.5	131.6	193.9	121.7	98.3	172.6	112.5	93.8
Percent of Losses to Rated Apparent Power (%)		2.3	1.4	2.0	1.3	1.0	1.8	1.2	1.0

480V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	13	17
Rated Apparent Power (kVA)	10.4	13.6
Standby Losses to S Rated (%)	0.5	0.4

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	42.3	38.2	49.0	40.2	37.0	52.6	40.9	37.0
	7.5	43.2	42.3	51.2	44.6	41.0	55.7	45.5	40.8
Overall CDM Losses (W)	5.5	201.5	126.9	190.6	112.3	100.5	180.4	117.9	98.3
	7.5	250.7	151.8	236.3	145.7	116.6	223.0	139.8	113.7
Percent of Losses to Rated Apparent Power (%)	5.5	1.9	1.2	1.8	1.1	1.0	1.7	1.1	0.9
	7.5	1.8	1.1	1.7	1.1	0.9	1.6	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	5.5	7.5
Rated Output Current (A)	9.9	12
Rated Apparent Power (kVA)	9.9	12.0
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	5.5	34.1	33.2	39.9	35.2	33.5	43.2	36.0	33.6
	7.5	32.4	34.5	38.8	36.8	35.2	42.6	37.8	35.2
Overall CDM Losses (W)	5.5	162.8	110.2	155.2	106.9	90.8	148.1	103.8	89.3
	7.5	188.3	124.0	179.2	120.0	100.1	170.6	116.1	98.2
Percent of Losses to Rated Apparent Power (%)	5.5	1.7	1.1	1.6	1.1	0.9	1.5	1.0	0.9
	7.5	1.6	1.1	1.6	1.1	0.9	1.5	1.0	0.9

PowerFlex 527 Frame D**240V Drive Information**

	Rated Output Power ND (kW)	
	7.5	
Rated Output Current (A)	32.2	
Rated Apparent Power (kVA)	12.8	
Standby Losses to S Rated (%)	0.7	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	57.6	58.4	65.4	60.2	56.8	68.7	60.1	55.9
Overall CDM Losses (W)		334.6	209.8	302.1	196.6	161.6	274.8	184.8	155.8
Percent of Losses to Rated Apparent Power (%)		2.6	1.6	2.4	1.5	1.3	2.1	1.4	1.2

480V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	24	30
Rated Apparent Power (kVA)	19.1	23.9
Standby Losses to S Rated (%)	0.5	0.4

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	47.1	50.1	56.6	53.6	51.1	62.3	55.1	51.3
	15	45.2	46.8	54.6	50.2	47.0	60.4	51.6	47.2
Overall CDM Losses (W)	11	367.5	231.1	344.7	221.5	180.9	324.0	212.5	176.5
	15	456.3	269.9	425.2	257.2	203.6	397.2	245.3	197.9
Percent of Losses to Rated Apparent Power (%)	11	1.9	1.2	1.8	1.2	0.9	1.7	1.1	0.9
	15	1.9	1.1	1.8	1.1	0.9	1.7	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	19	22
Rated Apparent Power (kVA)	18.9	21.9
Standby Losses to S Rated (%)	0.5	0.4

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	45.3	47.9	55.6	51.8	49.3	62.4	53.8	49.9
	15	39.9	42.2	49.3	45.9	43.7	55.8	48.0	44.3
Overall CDM Losses (W)	11	354.0	220.5	338.5	213.9	174.7	324.5	207.7	171.6
	15	402.6	243.4	383.7	235.6	189.1	366.7	228.2	185.5
Percent of Losses to Rated Apparent Power (%)	11	3.6	2.2	3.4	2.2	1.8	3.3	2.1	1.7
	15	3.4	2.0	3.2	2.0	1.6	3.1	1.9	1.5

PowerFlex 527 Frame E

240V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	48.3	62.1
Rated Apparent Power (kVA)	19.2	24.7
Standby Losses to S Rated (%)	0.5	0.4

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	67.4	72.1	78.7	75.8	73.4	84.6	76.7	73.1
	15	62.5	68.8	73.8	72.9	71.2	80.2	74.2	71.1
Overall CDM Losses (W)	11	526.3	331.2	479.4	313.2	259.9	439.7	296.1	251.6
	15	630.9	397.2	574.4	374.0	308.3	526.8	353.0	298.1
Percent of Losses to Rated Apparent Power (%)	11	2.7	1.7	2.5	1.6	1.4	2.3	1.5	1.3
	15	2.6	1.6	2.3	1.5	1.2	2.1	1.4	1.2

480V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	37	43
Rated Apparent Power (kVA)	29.5	34.3
Standby Losses to S Rated (%)	0.3	0.3

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	52.2	57.6	63.7	62.2	61.1	71.2	64.5	61.7
	22	51.1	57.1	63.2	62.0	61.2	71.2	64.9	62.0
Overall CDM Losses (W)	18.5	629.9	389.5	588.1	373.0	305.0	551.2	357.7	297.7
	22	718.8	444.6	675.7	426.6	348.4	636.6	409.7	340.1
Percent of Losses to Rated Apparent Power (%)	18.5	2.1	1.3	2.0	1.3	1.0	1.9	1.2	1.0
	22	2.1	1.3	2.0	1.2	1.0	1.9	1.2	1.0

600V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	27	32
Rated Apparent Power (kVA)	26.9	32.0
Standby Losses to S Rated (%)	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	46.2	53.0	57.5	57.9	58.1	65.4	60.8	59.0
	22.0	44.1	51.7	55.4	56.7	57.4	63.3	59.9	58.4
Overall CDM Losses (W)	18.5	557.3	358.2	530.7	347.3	290.0	506.8	337.0	285.0
	22.0	621.4	402.5	592.6	390.1	326.3	565.9	378.2	320.4
Percent of Losses to Rated Apparent Power (%)	18.5	2.1	1.3	2.0	1.3	1.1	1.9	1.3	1.1
	22.0	1.9	1.3	1.9	1.2	1.0	1.8	1.2	1.0

PowerFlex 700/700S AC Drives

These tables provide CDM losses for PowerFlex 700/700S AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [20B-TD001](#) and [20D-TD002](#).

Frame	Page
PowerFlex 700 Frame 0	84
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PowerFlex 700/700S Frame 6	99

PowerFlex 700 Frame 0

240V Drive Information

	Rated Output Power ND (kW)	
	0.37	0.75
Rated Output Current (A)	2.2	4.2
Rated Apparent Power (kVA)	0.9	1.7
Standby Losses to S Rated (%)	1.2	0.6

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	40.9	37.0	38.5	37.3	37.1	38.7	37.1	36.9
	0.75	44.6	40.5	45.7	40.4	37.4	45.0	39.7	37.1
Overall CDM Losses (W)	0.37	47.9	42.5	45.9	41.5	40.7	44.1	40.6	40.2
	0.75	63.4	49.9	58.9	48.0	43.7	55.0	46.1	42.9
Percent of Losses to Rated Apparent Power (%)	0.37	5.3	4.7	5.1	4.6	4.5	4.9	4.5	4.5
	0.75	3.7	2.9	3.5	2.8	2.6	3.2	2.7	2.5

400V Drive Information

	Rated Output Power ND (kW)					
	0.37	0.75	1.5	2.2	3.7	5.5
Rated Output Current (A)	1.3	2.1	3.5	5	8.7	11.5
Rated Apparent Power (kVA)	0.9	1.4	2.3	3.3	5.7	7.6
Standby Losses to S Rated (%)	1.2	0.8	0.5	0.3	0.2	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	42.1	41.5	43.5	41.9	41.7	43.9	41.9	41.7
	0.75	40.8	39.8	43.2	40.5	38.5	44.1	40.6	38.5
	1.5	39.0	39.9	42.8	41.0	39.9	44.5	41.3	39.8
	2.2	37.9	39.5	42.2	40.8	39.7	44.3	41.2	39.6
	3.7	46.6	50.4	53.5	53.0	52.2	57.6	54.1	52.6
	5.5	43.6	46.7	50.5	49.3	48.1	54.7	50.4	48.3
Overall CDM Losses (W)	0.37	49.3	44.5	47.9	43.8	43.2	46.8	43.3	42.9
	0.75	58.0	49.0	55.8	48.0	45.0	53.9	47.1	44.5
	1.5	73.3	58.4	69.5	56.6	51.5	66.4	55.1	50.7
	2.2	89.9	69.9	84.9	67.6	60.4	80.6	65.5	59.4
	3.7	174.2	134.8	165.6	130.8	116.7	158.8	127.3	115.0
	5.5	207.9	155.1	196.6	149.8	130.7	187.6	145.2	128.4
Percent of Losses to Rated Apparent Power (%)	0.37	5.5	4.9	5.3	4.9	4.8	5.2	4.8	4.8
	0.75	4.1	3.5	4.0	3.4	3.2	3.9	3.4	3.2
	1.5	3.2	2.5	3.0	2.5	2.2	2.9	2.4	2.2
	2.2	2.7	2.1	2.6	2.0	1.8	2.4	2.0	1.8
	3.7	3.1	2.4	2.9	2.3	2.0	2.8	2.2	2.0
	5.5	2.7	2.0	2.6	2.0	1.7	2.5	1.9	1.7

480V Drive Information

	Rated Output Power ND (kW)					
	0.37	0.75	1.5	2.2	3.7	5.5
Rated Output Current (A)	1.1	2.1	3.4	6	8	11
Rated Apparent Power (kVA)	0.9	1.7	2.7	4.8	6.4	8.8
Standby Losses to S Rated (%)	1.2	0.6	0.4	0.3	0.2	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	39.4	37.0	37.8	37.6	37.7	38.7	37.9	37.8
	0.75	41.2	40.1	43.6	40.8	38.7	44.5	40.9	38.7
	1.5	38.8	39.9	42.6	41.0	40.0	44.4	41.3	39.9
	2.2	45.2	45.2	50.0	46.6	44.4	52.4	46.9	44.3
	3.7	44.8	49.2	51.7	51.8	51.4	55.7	53.0	51.8
	5.5	43.9	42.8	50.8	45.0	43.1	54.9	46.0	43.1
Overall CDM Losses (W)	0.37	46.1	42.4	45.0	41.9	41.4	44.1	41.4	41.1
	0.75	58.5	49.4	56.2	48.4	45.2	54.4	47.5	44.8
	1.5	73.0	58.3	69.3	56.7	51.5	66.3	55.2	50.8
	2.2	107.1	80.1	100.6	77.2	67.6	95.2	74.6	66.3
	3.7	167.6	131.6	159.8	127.9	114.9	153.6	124.7	113.3
	5.5	209.6	142.1	197.7	137.0	117.0	188.3	132.5	114.7
Percent of Losses to Rated Apparent Power (%)	0.37	5.1	4.7	5.0	4.7	4.6	4.9	4.6	4.6
	0.75	3.4	2.9	3.3	2.8	2.7	3.2	2.8	2.6
	1.5	2.7	2.2	2.6	2.1	1.9	2.5	2.0	1.9
	2.2	2.2	1.7	2.1	1.6	1.4	2.0	1.6	1.4
	3.7	2.6	2.1	2.5	2.0	1.8	2.4	1.9	1.8
	5.5	2.4	1.6	2.2	1.6	1.3	2.1	1.5	1.3

600V Drive Information

	Rated Output Power ND (kW)					
	0.37	0.75	1.5	2.2	3.7	5.5
Rated Output Current (A)	1.1	1.7	2.7	3.9	6.1	9.0
Rated Apparent Power (kVA)	1.1	1.7	2.7	3.9	6.1	9.0
Standby Losses to S Rated (%)	1.0	0.6	0.4	0.3	0.2	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	30.9	32.2	33.2	33.1	33.2	34.4	33.5	33.4
	0.75	32.2	33.5	35.3	34.6	34.4	37.0	35.2	34.5
	1.5	32.2	33.5	35.3	34.6	34.4	37.0	35.2	34.5
	2.2	35.6	36.0	40.0	37.6	36.4	42.5	38.4	36.7
	3.7	39.3	42.9	45.4	45.5	45.6	49.4	47.0	46.2
	5.5	33.5	31.6	38.2	33.4	32.5	41.0	34.3	32.8
Overall CDM Losses (W)	0.37	43.8	39.7	42.8	39.3	38.8	42.0	38.9	38.6
	0.75	52.6	44.1	50.8	43.4	40.7	49.5	42.9	40.5
	1.5	52.6	44.1	50.8	43.4	40.7	49.5	42.9	40.5
	2.2	84.4	63.7	80.3	62.2	55.4	77.3	61.1	54.9
	3.7	147.1	114.6	140.4	112.3	101.8	136.0	110.6	101.1
	5.5	159.7	104.9	148.5	101.5	88.3	140.6	98.8	87.2
Percent of Losses to Rated Apparent Power (%)	0.37	4.0	3.6	3.9	3.6	3.5	3.8	3.5	3.5
	0.75	3.1	2.6	3.0	2.6	2.4	2.9	2.5	2.4
	1.5	1.9	1.6	1.9	1.6	1.5	1.8	1.6	1.5
	2.2	2.2	1.6	2.1	1.6	1.4	2.0	1.6	1.4
	3.7	2.4	1.9	2.3	1.8	1.7	2.2	1.8	1.7
	5.5	1.8	1.2	1.7	1.1	1.0	1.6	1.1	1.0

PowerFlex 700/700S Frame 1

240V Drive Information

	Rated Output Power ND (kW)			
	1.5	2.2	3.7	5.5
Rated Output Current (A)	6.8	9.6	15.3	22
Rated Apparent Power (kVA)	2.7	3.8	6.1	8.8
Standby Losses to S Rated (%)	0.4	0.3	0.2	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	1.5	43.0	40.8	45.4	41.0	38.7	45.1	40.2	38.2
	2.2	43.9	40.8	45.6	40.5	38.0	44.9	39.5	37.2
	3.7	49.3	49.6	53.3	50.5	48.9	54.1	50.1	48.5
	5.5	48.5	40.7	50.5	40.5	37.3	49.6	39.3	36.5
Overall CDM Losses (W)	1.5	80.9	59.7	73.7	56.6	49.9	67.4	53.7	48.6
	2.2	104.0	72.2	91.7	67.2	57.7	81.7	62.8	55.7
	3.7	184.2	132.6	164.8	124.6	109.2	149.1	117.8	106.1
	5.5	231.6	135.1	196.5	123.1	101.3	170.0	113.3	97.0
Percent of Losses to Rated Apparent Power (%)	1.5	3.0	2.2	2.7	2.1	1.8	2.5	2.0	1.8
	2.2	2.7	1.9	2.4	1.8	1.5	2.2	1.7	1.5
	3.7	3.0	2.2	2.7	2.0	1.8	2.4	1.9	1.7
	5.5	2.6	1.5	2.2	1.4	1.2	1.9	1.3	1.1

400V Drive Information

	Rated Output Power ND (kW)	
	7.5	11
Rated Output Current (A)	15.4	22
Rated Apparent Power (kVA)	10.1	14.5
Standby Losses to S Rated (%)	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	41.8	43.5	48.3	45.5	43.7	51.7	46.1	43.4
	11.0	43.5	45.7	50.5	48.0	45.9	53.9	48.4	45.7
Overall CDM Losses (W)	7.5	242.8	156.3	223.0	148.6	124.3	206.9	141.7	121.0
	11.0	339.9	210.8	307.7	198.2	162.5	280.3	186.8	157.1
Percent of Losses to Rated Apparent Power (%)	7.5	2.4	1.5	2.2	1.5	1.2	2.0	1.4	1.2
	11.0	2.3	1.5	2.1	1.4	1.1	1.9	1.3	1.1

480V Drive Information

	Rated Output Power ND (kW)	
	7.5	11
Rated Output Current (A)	14	22
Rated Apparent Power (kVA)	11.2	17.5
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	39.6	42.2	46.0	44.3	42.9	49.5	45.0	42.8
	11	45.1	47.3	52.5	49.7	47.4	56.2	50.2	47.2
Overall CDM Losses (W)	7.5	229.8	151.5	212.4	144.6	122.1	198.0	138.4	119.1
	11	352.1	218.0	319.6	205.3	167.8	292.0	193.8	162.4
Percent of Losses to Rated Apparent Power (%)	7.5	2.1	1.4	1.9	1.3	1.1	1.8	1.2	1.1
	11	2.0	1.2	1.8	1.2	1.0	1.7	1.1	0.9

600V Drive Information

	Rated Output Power ND (kW)	
	7.5	11
Rated Output Current (A)	11	17
Rated Apparent Power (kVA)	11.0	16.9
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	32.1	33.0	37.5	35.0	34.3	40.8	36.1	34.6
	11	34.4	35.4	40.7	37.9	36.9	44.9	39.4	37.4
Overall CDM Losses (W)	7.5	186.7	118.5	173.0	114.3	97.6	163.3	111.1	96.3
	11	268.9	163.2	247.9	156.8	130.7	233.6	152.1	128.8
Percent of Losses to Rated Apparent Power (%)	7.5	1.7	1.1	1.6	1.0	0.9	1.5	1.0	0.9
	11	1.6	1.0	1.5	0.9	0.8	1.4	0.9	0.8

PowerFlex 700/700S Frame 2

240V Drive Information

	Rated Output Power ND (kW)	
	7.5	
Rated Output Current (A)	28	
Rated Apparent Power (kVA)	11.2	
Standby Losses to S Rated (%)	0.1	

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	48.2	43.7	51.0	43.5	40.0	50.4	42.1	38.9
Overall CDM Losses (W)		280.0	157.1	235.4	141.8	113.9	201.7	129.3	108.4
Percent of Losses to Rated Apparent Power (%)		2.5	1.4	2.1	1.3	1.0	1.8	1.2	1.0

400V Drive Information

	Rated Output Power ND (kW)	
	15	18.5
Rated Output Current (A)	30	37
Rated Apparent Power (kVA)	19.8	24.4
Standby Losses to S Rated (%)	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15.0	45.6	46.5	53.2	48.8	45.4	57.0	49.2	45.0
	18.5	41.7	44.5	49.5	46.9	44.5	53.5	47.4	44.1
Overall CDM Losses (W)	15.0	460.4	268.2	413.9	250.3	196.4	374.8	234.3	188.8
	18.5	503.8	301.2	456.5	281.4	222.1	414.6	263.0	213.1
Percent of Losses to Rated Apparent Power (%)	15.0	2.3	1.4	2.1	1.3	1.0	1.9	1.2	1.0
	18.5	2.1	1.2	1.9	1.2	0.9	1.7	1.1	0.9

480V Drive Information

	Rated Output Power ND (kW)	
	15	18.5
Rated Output Current (A)	27	34
Rated Apparent Power (kVA)	21.5	27.1
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	42.5	44.5	50.1	47.0	44.2	54.1	47.7	44.1
	18.5	40.0	43.5	47.8	46.0	44.0	52.0	46.8	43.8
Overall CDM Losses (W)	15	429.7	256.9	389.7	241.2	191.4	355.7	227.1	184.7
	18.5	483.2	294.1	440.7	276.1	219.6	402.8	259.3	211.4
Percent of Losses to Rated Apparent Power (%)	15	2.0	1.2	1.8	1.1	0.9	1.7	1.1	0.9
	18.5	1.8	1.1	1.6	1.0	0.8	1.5	1.0	0.8

600V Drive Information

	Rated Output Power ND (kW)	
	15	18.5
Rated Output Current (A)	27	27
Rated Apparent Power (kVA)	21.9	26.9
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	32.8	32.6	39.1	35.1	33.2	43.5	36.5	33.7
	18.5	31.6	31.7	37.9	34.1	32.6	42.3	35.6	33.2
Overall CDM Losses (W)	15	331.6	188.2	304.4	179.9	143.6	285.8	173.8	141.1
	18.5	381.9	214.2	349.5	204.6	162.9	327.8	197.6	160.1
Percent of Losses to Rated Apparent Power (%)	15	1.5	0.9	1.4	0.8	0.7	1.3	0.8	0.6
	18.5	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6

PowerFlex 700/700S Frame 3

240V Drive Information

	Rated Output Power ND (kW)	
	11	15
Rated Output Current (A)	42	52
Rated Apparent Power (kVA)	16.7	20.7
Standby Losses to S Rated (%)	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	11	49.5	45.9	53.6	46.1	42.4	53.8	44.9	41.4
	15	44.7	40.3	48.2	40.2	36.1	48.1	38.8	34.9
Overall CDM Losses (W)	11	386.7	211.4	326.4	190.6	150.1	279.8	173.1	142.4
	15	451.3	232.7	374.7	206.4	156.2	315.9	184.5	146.5
Percent of Losses to Rated Apparent Power (%)	11	2.3	1.3	2.0	1.1	0.9	1.7	1.0	0.9
	15	2.2	1.1	1.8	1.0	0.8	1.5	0.9	0.7

400V Drive Information

	Rated Output Power ND (kW)		
	22	30	37
Rated Output Current (A)	43	56	72
Rated Apparent Power (kVA)	28.3	36.9	47.4
Standby Losses to S Rated (%)	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	22	36.8	39.3	43.7	41.4	39.3	47.3	42.0	39.0
	30	34.8	37.3	41.2	39.4	37.3	44.6	39.7	36.9
	37	36.7	40.1	44.2	43.0	41.1	48.6	44.0	41.0
Overall CDM Losses (W)	22	518.1	306.2	467.0	284.9	223.7	422.6	265.3	214.1
	30	647.1	376.3	578.3	347.8	270.6	519.2	321.8	257.9
	37	826.6	484.4	747.5	452.4	353.5	681.2	423.6	339.6
Percent of Losses to Rated Apparent Power (%)	22	1.8	1.1	1.7	1.0	0.8	1.5	0.9	0.8
	30	1.8	1.0	1.6	0.9	0.7	1.4	0.9	0.7
	37	1.7	1.0	1.6	1.0	0.7	1.4	0.9	0.7

480V Drive Information

	Rated Output Power ND (kW)		
	22	30	37
Rated Output Current (A)	40	52	65
Rated Apparent Power (kVA)	31.8	41.4	51.8
Standby Losses to S Rated (%)	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	22	35.4	38.5	42.2	40.7	38.9	45.9	41.4	38.7
	30	33.3	36.3	39.6	38.5	36.7	43.0	38.9	36.4
	37	34.5	38.6	41.9	41.6	40.2	46.4	42.8	40.3
Overall CDM Losses (W)	22	498.5	299.4	451.7	279.7	221.2	410.8	261.5	212.3
	30	618.2	365.6	555.5	339.4	266.1	501.2	315.4	254.4
	37	778.1	466.4	708.9	438.0	345.8	650.3	412.3	333.2
Percent of Losses to Rated Apparent Power (%)	22	1.6	0.9	1.4	0.9	0.7	1.3	0.8	0.7
	30	1.5	0.9	1.3	0.8	0.6	1.2	0.8	0.6
	37	1.5	0.9	1.4	0.8	0.7	1.3	0.8	0.6

600V Drive Information

	Rated Output Power ND (kW)		
	22	30	37
Rated Output Current (A)	32	41	52
Rated Apparent Power (kVA)	31.9	40.8	51.8
Standby Losses to S Rated (%)	0.1	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	22	30.0	29.9	35.8	31.8	30.0	39.4	32.8	30.2
	30	30.1	30.3	36.4	32.6	30.6	40.3	33.7	30.8
	37	31.2	31.8	37.8	34.3	32.5	42.0	35.5	32.7
Overall CDM Losses (W)	22	422.4	232.3	383.5	218.7	170.7	352.3	207.1	165.5
	30	559.7	305.3	509.8	287.9	222.2	469.8	272.9	215.5
	37	703.8	383.7	639.1	361.0	279.1	588.0	341.6	270.4
Percent of Losses to Rated Apparent Power (%)	22	1.3	0.7	1.2	0.7	0.5	1.1	0.6	0.5
	30	1.4	0.7	1.2	0.7	0.5	1.2	0.7	0.5
	37	1.4	0.7	1.2	0.7	0.5	1.1	0.7	0.5

PowerFlex 700/700S Frame 4

240V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	70	80
Rated Apparent Power (kVA)	27.9	31.9
Standby Losses to S Rated (%)	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	54.6	53.0	61.4	53.7	48.6	63.7	52.5	47.2
	22	53.5	52.1	60.5	52.9	47.6	63.1	51.9	46.2
Overall CDM Losses (W)	18.5	659.2	358.8	566.3	322.3	242.8	493.1	290.8	227.6
	22	753.7	405.5	647.6	363.8	271.0	563.9	327.8	253.7
Percent of Losses to Rated Apparent Power (%)	18.5	2.4	1.3	2.0	1.2	0.9	1.8	1.0	0.8
	22	2.4	1.3	2.0	1.1	0.8	1.8	1.0	0.8

400V Drive Information

	Rated Output Power ND (kW)	
	45	
Rated Output Current (A)	85	
Rated Apparent Power (kVA)	56.0	
Standby Losses to S Rated (%)	0.1	

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	45	37.1	40.8	43.8	43.1	42.2	47.7	43.9	42.0
Overall CDM Losses (W)		1001.6	585.0	885.7	540.1	427.3	795.3	501.7	408.9
Percent of Losses to Rated Apparent Power (%)		1.8	1.0	1.6	1.0	0.8	1.4	0.9	0.7

480V Drive Information

	Rated Output Power ND (kW)	
	45	
Rated Output Current (A)	77	
Rated Apparent Power (kVA)	61.4	
Standby Losses to S Rated (%)	0.1	

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	45	34.7	38.4	41.3	40.7	39.7	45.2	41.5	39.5
Overall CDM Losses (W)		937.7	550.8	834.7	510.0	401.6	753.6	474.9	384.7
Percent of Losses to Rated Apparent Power (%)		1.5	0.9	1.4	0.8	0.7	1.2	0.8	0.6

600V Drive Information

	Rated Output Power ND (kW)
	45
Rated Output Current (A)	62
Rated Apparent Power (kVA)	61.8
Standby Losses to S Rated (%)	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	45	31.1	34.6	37.3	37.0	36.2	41.0	37.9	36.2
Overall CDM Losses (W)		839.7	496.1	753.1	462.5	366.4	684.1	433.5	352.6
Percent of Losses to Rated Apparent Power (%)		1.4	0.8	1.2	0.7	0.6	1.1	0.7	0.6

PowerFlex 700/700S Frame 5

240V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	104	130
Rated Apparent Power (kVA)	41.4	51.8
Standby Losses to S Rated (%)	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	49.1	51.7	59.1	55.1	50.8	65.1	56.0	50.4
	37	52.2	55.9	63.3	59.9	55.8	70.2	61.3	55.5
Overall CDM Losses (W)	30	911.6	521.8	828.5	486.1	368.5	758.4	453.7	352.3
	37	1175.4	675.8	1071.2	631.1	479.6	983.4	590.6	459.3
Percent of Losses to Rated Apparent Power (%)	30	2.2	1.3	2.0	1.2	0.9	1.8	1.1	0.9
	37	2.3	1.3	2.1	1.2	0.9	1.9	1.1	0.9

400V Drive Information

	Rated Output Power ND (kW)	
	55 ⁽¹⁾	55 ⁽²⁾
Rated Output Current (A)	105	125
Rated Apparent Power (kVA)	69.1	82.3
Standby Losses to S Rated (%)	0.1	0.1

(1) 55 kW, 105 A

(2) 55 kW, 125 A

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	55 ⁽¹⁾	36.2	42.8	45.1	47.1	47.1	51.2	49.4	48.0
	55 ⁽²⁾	45.9	55.1	57.5	61.0	61.6	65.7	64.3	62.8
Overall CDM Losses (W)	55 ⁽¹⁾	1173.8	722.7	1087.8	685.8	548.2	1016.2	652.7	531.6
	55 ⁽²⁾	1487.6	931.3	1387.9	888.2	715.7	1303.9	849.0	696.1
Percent of Losses to Rated Apparent Power (%)	55 ⁽¹⁾	1.7	1.0	1.6	1.0	0.8	1.5	0.9	0.8
	55 ⁽²⁾	1.8	1.1	1.7	1.1	0.9	1.6	1.0	0.8

(1) 55 kW, 105 A

(2) 55 kW, 125 A

480V Drive Information

	Rated Output Power ND (kW)	
	55	75
Rated Output Current (A)	96	125
Rated Apparent Power (kVA)	76.5	99.6
Standby Losses to S Rated (%)	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	55	34.2	41.2	42.7	45.4	45.9	48.7	47.9	46.8
	75	35.4	42.8	44.6	47.5	48.1	51.2	50.3	48.9
Overall CDM Losses (W)	55	1539.8	961.3	1439.2	917.8	737.1	1354.5	878.4	717.3
	75	1539.8	961.3	1439.2	917.8	737.1	1354.5	878.4	717.3
Percent of Losses to Rated Apparent Power (%)	55	2.0	1.3	1.9	1.2	1.0	1.8	1.1	0.9
	75	1.5	1.0	1.4	0.9	0.7	1.4	0.9	0.7

600V Drive Information

	Rated Output Power ND (kW)	
	55	75
Rated Output Current (A)	77	99
Rated Apparent Power (kVA)	76.7	98.6
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	55	42.1	47.1	51.8	51.3	50.2	57.7	53.3	50.8
	75	42.8	48.1	53.2	52.8	51.7	59.8	55.1	52.0
Overall CDM Losses (W)	55	1364.5	795.1	1250.3	748.0	584.1	1145.1	703.2	562.5
	75	1863.8	1080.3	1716.8	1019.7	791.0	1581.4	962.1	763.1
Percent of Losses to Rated Apparent Power (%)	55	1.8	1.0	1.6	1.0	0.8	1.5	0.9	0.7
	75	1.9	1.1	1.7	1.0	0.8	1.6	1.0	0.8

690V Drive Information

	Rated Output Power ND (kW)		
	45	55	75
Rated Output Current (A)	52	60	82
Rated Apparent Power (kVA)	59.4	68.6	93.7
Standby Losses to S Rated (%)	0.1	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	45	39.4	41.5	48.2	44.6	41.2	53.5	45.7	41.1
	55	41.0	44.9	50.6	49.1	46.6	56.8	51.1	47.1
	75	34.3	38.1	41.9	41.3	40.2	46.2	42.6	40.2
Overall CDM Losses (W)	45	1064.4	595.0	973.9	557.9	416.9	891.4	523.0	400.0
	55	1329.0	758.0	1222.0	714.6	541.5	1125.7	674.0	522.0
	75	1493.9	855.9	1351.6	797.7	615.8	1221.9	742.7	589.3
Percent of Losses to Rated Apparent Power (%)	45	1.8	1.0	1.6	0.9	0.7	1.5	0.9	0.7
	55	1.9	1.1	1.8	1.0	0.8	1.6	1.0	0.8
	75	1.6	0.9	1.4	0.9	0.7	1.3	0.8	0.6

PowerFlex 700/700S Frame 6

240V Drive Information

	Rated Output Power ND (kW)		
	45	55	75
Rated Output Current (A)	154	192	260
Rated Apparent Power (kVA)	61.4	76.5	103.6
Standby Losses to S Rated (%)	0.1	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	45	51.4	53.1	60.5	55.1	50.5	64.3	54.3	49.1
	55	56.2	59.7	66.9	63.1	59.0	71.9	63.2	58.1
	75	53.3	58.1	63.5	61.6	59.0	68.5	61.9	57.9
Overall CDM Losses (W)	45	1388.3	760.7	1222.9	689.2	511.4	1071.7	621.3	477.7
	55	1820.8	1008.1	1614.2	918.8	686.3	1425.3	833.9	644.2
	75	2318.1	1304.1	2049.4	1188.2	903.4	1810.9	1080.0	849.5
Percent of Losses to Rated Apparent Power (%)	45	2.3	1.2	2.0	1.1	0.8	1.7	1.0	0.8
	55	2.4	1.3	2.1	1.2	0.9	1.9	1.1	0.8
	75	2.2	1.3	2.0	1.1	0.9	1.7	1.0	0.8

400V Drive Information

	Rated Output Power ND (kW)		
	90	110	132
Rated Output Current (A)	170	205	260
Rated Apparent Power (kVA)	111.9	134.9	171.1
Standby Losses to S Rated (%)	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	90	37.7	42.9	46.0	46.6	46.0	50.9	47.7	46.0
	110	43.3	50.9	55.5	57.0	55.9	64.5	60.1	56.9
	132	39.5	46.5	50.3	51.6	51.4	57.9	54.2	51.7
Overall CDM Losses (W)	90	1947.7	1139.2	1762.5	1059.9	827.7	1593.9	984.9	790.7
	110	2405.3	1387.9	2181.2	1292.1	996.9	1977.3	1201.3	952.1
	132	2625.0	1512.6	2356.2	1397.2	1082.6	2118.1	1289.6	1029.2
Percent of Losses to Rated Apparent Power (%)	90	1.7	1.0	1.6	0.9	0.7	1.4	0.9	0.7
	110	1.8	1.0	1.6	1.0	0.7	1.5	0.9	0.7
	132	1.5	0.9	1.4	0.8	0.6	1.2	0.8	0.6

480V Drive Information

	Rated Output Power ND (kW)		
	90	110	132
Rated Output Current (A)	156	180	248
Rated Apparent Power (kVA)	124.3	143.4	197.6
Standby Losses to S Rated (%)	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	90	35.8	41.7	44.0	45.4	45.3	48.9	46.7	45.4
	110	39.5	47.9	51.0	53.9	53.8	59.6	57.3	54.9
	132	38.5	45.8	49.1	51.0	51.1	56.7	53.7	51.4
Overall CDM Losses (W)	90	1850.1	1105.5	1683.6	1033.5	815.0	1531.2	965.0	781.1
	110	2192.0	1305.0	2001.8	1222.5	958.0	1827.4	1143.9	919.1
	132	2555.5	1490.7	2300.8	1380.8	1075.8	2074.3	1278.0	1024.8
Percent of Losses to Rated Apparent Power (%)	90	1.5	0.9	1.4	0.8	0.7	1.2	0.8	0.6
	110	1.5	0.9	1.4	0.9	0.7	1.3	0.8	0.6
	132	1.3	0.8	1.2	0.7	0.5	1.0	0.6	0.5

600V Drive Information

	Rated Output Power ND (kW)	
	90	110
Rated Output Current (A)	125	144
Rated Apparent Power (kVA)	124.5	143.4
Standby Losses to S Rated (%)	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	90	35.0	41.1	43.8	45.4	45.8	49.8	47.5	46.4
	110	39.3	48.2	51.7	55.1	55.7	61.8	59.5	57.6
Overall CDM Losses (W)	90	1811.7	1089.5	1678.3	1033.8	823.2	1559.1	981.6	797.7
	110	2184.0	1313.1	2030.3	1248.8	993.3	1893.0	1188.7	963.9
Percent of Losses to Rated Apparent Power (%)	90	1.5	0.9	1.3	0.8	0.7	1.3	0.8	0.6
	110	1.5	0.9	1.4	0.9	0.7	1.3	0.8	0.7

690V Drive Information

	Rated Output Power ND (kW)		
	90	110	132
Rated Output Current (A)	98	119	142
Rated Apparent Power (kVA)	112.0	136.0	162.3
Standby Losses to S Rated (%)	0.1	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	90	36.6	41.1	44.8	44.7	43.8	49.7	46.1	43.9
	100	32.0	39.2	41.4	44.3	45.0	48.8	47.5	46.3
	132	33.2	40.5	43.4	46.1	47.0	51.2	49.5	48.0
Overall CDM Losses (W)	90	1891.9	1089.4	1716.3	1018.2	787.9	1555.6	950.8	755.6
	110	1777.3	1067.7	1627.9	1005.9	802.5	1496.2	948.6	774.6
	132	2209.1	1320.3	2030.6	1246.5	989.5	1873.3	1178.1	956.1
Percent of Losses to Rated Apparent Power (%)	90	1.7	1.0	1.5	0.9	0.7	1.4	0.8	0.7
	110	1.3	0.8	1.2	0.7	0.6	1.1	0.7	0.6
	132	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6

PowerFlex 755TS AC Drives

These tables provide CDM losses for PowerFlex 755TS AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [750-TD104](#).

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PowerFlex 755TS Frame 5	115
PowerFlex 755TS Frame 6	118
PowerFlex 755TS Frame 7	123
PowerFlex 755TS Frame 7A	126

PowerFlex 755TS Frame 1

208V Drive Information

	Rated Output Power ND (kW)				
	0.37	0.75	1.5	2.2	3.7
Rated Output Current (A)	2.5	4.8	7.8	11	15.3
Rated Apparent Power (kVA)	0.90	1.73	2.81	3.96	5.51
Standby Losses to S Rated (%)	6.0	3.1	1.9	1.4	1.0

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	60.0	62.1	60.2	60.5	60.8	59.6	59.3	59.2
	0.75	61.8	63.1	63.3	61.9	55.9	63.1	55.1	54.4
	1.5	59.8	60.1	63.4	59.7	57.6	64.4	58.3	55.7
	2.2	58.5	57.7	60.6	56.0	53.4	60.0	53.8	51.0
	3.7	58.8	56.5	59.1	53.6	50.2	57.3	50.8	47.7
Overall CDM Losses (W)	0.37	77.4	71.2	71.7	67.4	66.7	67.9	64.8	64.5
	0.75	100.7	82.9	91.0	77.5	72.0	84.2	73.5	69.2
	1.5	141.6	106.6	127.4	98.8	87.6	117.1	92.8	83.5
	2.2	175.0	125.5	151.2	113.1	98.1	134.3	104.0	92.2
	3.7	220.0	150.9	183.0	132.4	112.3	157.8	119.5	104.5
Percentage of Rated Apparent Power (%)	0.37	8.6	7.9	8.0	7.5	7.4	7.5	7.2	7.2
	0.75	5.8	4.8	5.3	4.5	4.2	4.9	4.3	4.0
	1.5	5.0	3.8	4.5	3.5	3.1	4.2	3.3	3.0
	2.2	4.4	3.2	3.8	2.9	2.5	3.4	2.6	2.3
	3.7	4.0	2.7	3.3	2.4	2.0	2.9	2.2	1.9

240V Drive Information

	Rated Output Power ND (kW)				
	0.37	0.75	1.5	2.2	3.7
Rated Output Current (A)	2.2	4.2	6.8	9.6	15.0
Rated Apparent Power (kVA)	0.9	1.7	2.7	3.8	6.0
Standby Losses to S Rated (%)	6.2	3.2	2.0	1.4	0.9

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	57.7	60.4	58.6	59.4	59.6	58.4	58.3	58.3
	0.75	57.8	60.6	60.1	59.8	59.3	60.2	58.5	57.7
	1.5	54.0	56.1	57.9	56.1	54.9	59.1	55.0	53.2
	2.2	52.0	53.0	54.7	52.0	50.4	54.8	50.4	48.4
	3.7	46.0	45.6	47.0	43.7	41.6	46.2	41.7	39.6
Overall CDM Losses (W)	0.37	74.5	69.3	69.8	66.1	65.5	66.5	63.8	63.5
	0.75	94.3	79.5	86.4	75.0	70.3	80.5	71.4	67.6
	1.5	127.9	99.4	116.4	92.9	83.5	107.5	87.5	79.7
	2.2	155.4	115.3	136.4	105.1	92.6	122.6	97.3	87.4
	3.7	219.3	151.3	183.0	133.0	113.0	158.5	120.3	105.3
Percentage of Rated Apparent Power (%)	0.37	8.5	7.9	8.0	7.5	7.5	7.6	7.3	7.2
	0.75	5.6	4.8	5.2	4.5	4.2	4.8	4.3	4.0
	1.5	4.7	3.7	4.3	3.4	3.1	4.0	3.2	2.9
	2.2	4.1	3.0	3.6	2.7	2.4	3.2	2.5	2.3
	3.7	3.7	2.5	3.1	2.2	1.9	2.7	2.0	1.8

400V Drive Information

	Rated Output Power ND (kW)					
	0.75	1.5	2.2	3.7	5.5	7.5
Rated Output Current (A)	2.1	3.5	5	8.7	11.5	15.4
Rated Apparent Power (kVA)	1.4	2.3	3.3	5.7	7.6	10.1
Standby Losses to S Rated (%)	4.3	2.6	1.8	1.0	0.8	0.6

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	48.8	55.8	53.5	57.0	58.3	55.4	57.1	57.7
	1.5	40.0	46.6	44.9	48.2	49.6	47.2	48.5	49.1
	2.2	48.2	53.0	53.3	54.3	54.6	55.3	54.2	53.8
	3.7	44.3	46.6	48.9	47.4	46.3	51.2	47.4	45.6
	5.5	41.5	43.0	44.4	42.8	41.6	45.1	42.0	40.4
	7.5	35.5	35.0	38.1	34.8	32.9	38.6	34.0	31.9
Overall CDM Losses (W)	0.75	79.5	73.2	76.9	71.5	69.1	74.1	69.6	67.7
	1.5	94.8	82.5	90.3	79.9	75.4	85.8	77.1	73.5
	2.2	114.2	93.9	107.0	90.0	83.0	100.5	86.3	80.5
	3.7	165.8	124.6	151.3	117.1	103.5	141.2	111.6	99.9
	5.5	198.1	142.8	172.9	130.2	113.1	154.7	121.0	107.5
	7.5	277.6	161.1	231.9	143.8	116.6	200.6	131.3	109.8
Percentage of Rated Apparent Power (%)	0.75	5.8	5.3	5.6	5.2	5.0	5.4	5.0	4.9
	1.5	4.1	3.6	3.9	3.5	3.3	3.7	3.3	3.2
	2.2	3.5	2.9	3.3	2.7	2.5	3.1	2.6	2.4
	3.7	2.9	2.2	2.6	2.0	1.8	2.5	1.9	1.7
	5.5	2.6	1.9	2.3	1.7	1.5	2.0	1.6	1.4
	7.5	2.7	1.6	2.3	1.4	1.2	2.0	1.3	1.1

480V Drive Information

	Rated Output Power ND (kW)					
	0.75	1.5	2.2	3.7	5.5	7.5
Rated Output Current (A)	2.1	3.4	5	8	11	14
Rated Apparent Power (kVA)	1.7	2.7	4.0	6.4	8.8	11.2
Standby Losses to S Rated (%)	3.6	2.2	1.5	0.9	0.7	0.5

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	49.9	56.9	54.7	58.1	59.3	56.5	57.9	58.4
	1.5	40.7	47.4	45.7	49.0	50.4	48.0	49.2	49.7
	2.2	39.5	44.5	44.4	45.9	46.4	46.5	46.0	45.7
	3.7	33.5	36.8	37.8	37.9	37.7	40.2	38.2	37.2
	5.5	34.1	35.8	37.7	36.4	35.4	39.0	36.0	34.5
	7.5	33.0	33.5	35.9	33.7	32.3	36.9	33.2	31.4
Overall CDM Losses (W)	0.75	81.4	74.7	78.6	72.8	70.2	75.6	70.6	68.5
	1.5	96.4	83.9	91.9	81.2	76.6	87.4	78.3	74.5
	2.2	118.2	96.9	110.9	92.8	85.3	104.1	88.8	82.6
	3.7	159.9	122.1	147.0	115.3	102.5	137.7	110.0	99.0
	5.5	198.3	128.5	173.9	118.7	100.8	155.8	110.8	96.2
	7.5	257.5	154.2	218.7	139.3	114.3	191.6	128.2	108.1
Percentage of Rated Apparent Power (%)	0.75	4.9	4.5	4.7	4.4	4.2	4.5	4.2	4.1
	1.5	3.6	3.1	3.4	3.0	2.8	3.2	2.9	2.8
	2.2	3.0	2.4	2.8	2.3	2.1	2.6	2.2	2.1
	3.7	2.5	1.9	2.3	1.8	1.6	2.2	1.7	1.6
	5.5	2.3	1.5	2.0	1.4	1.2	1.8	1.3	1.1
	7.5	2.3	1.4	2.0	1.2	1.0	1.7	1.1	1.0

PowerFlex 755TS Frame 2

208V Drive Information

	Rated Output Power ND (kW)					
	0.37	0.75	1.5	2.2	3.7	5.5
Rated Output Current (A)	2.5	4.8	7.8	11	15.3	22
Rated Apparent Power (kVA)	0.9	1.7	2.8	4.0	5.5	7.9
Standby Losses to S Rated (%)	6.0	3.2	1.9	1.4	1.0	0.7

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	67.8	67.9	61.8	61.7	61.9	57.9	58.0	58.1
	0.75	62.8	62.5	63.1	56.8	56.2	59.6	53.2	53.0
	1.5	59.1	59.2	57.6	55.8	54.5	55.5	53.1	51.9
	2.2	59.2	58.0	59.1	55.0	52.5	57.5	52.3	49.9
	3.7	57.7	56.1	58.5	53.5	50.4	57.0	50.8	47.8
	5.5	66.7	62.2	67.5	58.8	53.8	65.9	55.5	50.7
Overall CDM Losses (W)	0.37	87.4	77.9	73.6	68.7	68.0	65.9	63.4	63.2
	0.75	118.0	91.4	93.2	78.4	72.5	79.5	71.0	67.5
	1.5	140.1	105.0	115.8	92.4	83.0	101.0	84.4	77.7
	2.2	177.0	126.1	147.5	111.0	96.5	128.6	101.0	90.3
	3.7	215.8	149.9	180.9	132.1	112.5	157.2	119.5	104.7
	5.5	318.0	206.5	262.8	179.0	146.2	225.9	160.1	134.8
Percentage of Rated Apparent Power (%)	0.37	9.7	8.6	8.2	7.6	7.5	7.3	7.0	7.0
	0.75	6.8	5.3	5.4	4.5	4.2	4.6	4.1	3.9
	1.5	5.0	3.7	4.1	3.3	3.0	3.6	3.0	2.8
	2.2	4.5	3.2	3.7	2.8	2.4	3.2	2.5	2.3
	3.7	3.9	2.7	3.3	2.4	2.0	2.9	2.2	1.9
	5.5	4.0	2.6	3.3	2.3	1.8	2.9	2.0	1.7

240V Drive Information

	Rated Output Power ND (kW)					
	0.37	0.75	1.5	2.2	3.7	5.5
Rated Output Current (A)	2.2	4.2	6.8	9.6	15	22
Rated Apparent Power (kVA)	0.9	1.7	2.7	3.8	6.0	8.8
Standby Losses to S Rated (%)	6.2	3.2	2.0	1.4	0.9	0.6

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.37	63.9	65.1	59.9	60.4	60.6	57.0	57.3	57.3
	0.75	65.8	65.4	61.1	60.2	59.5	57.4	56.8	56.4
	1.5	53.2	55.1	53.2	52.8	52.3	52.2	50.8	50.1
	2.2	52.3	53.0	53.5	51.1	49.6	52.8	49.2	47.5
	3.7	43.6	44.3	46.0	43.4	41.6	46.2	41.9	39.7
	5.5	56.0	50.2	58.4	48.5	43.6	57.9	46.2	41.2
Overall CDM Losses (W)	0.37	82.5	74.7	71.3	67.2	66.6	64.9	62.6	62.4
	0.75	107.3	85.8	87.8	75.5	70.5	76.7	69.3	66.2
	1.5	126.0	97.6	107.0	87.5	79.6	95.0	80.8	75.1
	2.2	156.5	115.3	133.4	103.3	91.2	118.2	95.1	85.9
	3.7	208.1	147.0	179.2	131.9	112.9	158.3	120.7	105.7
	5.5	325.6	180.2	269.5	158.2	123.9	231.7	142.0	114.8
Percentage of Rated Apparent Power (%)	0.37	9.4	8.5	8.1	7.7	7.6	7.4	7.2	7.1
	0.75	6.4	5.1	5.2	4.5	4.2	4.6	4.1	4.0
	1.5	4.7	3.6	3.9	3.2	2.9	3.5	3.0	2.8
	2.2	4.1	3.0	3.5	2.7	2.4	3.1	2.5	2.2
	3.7	3.5	2.5	3.0	2.2	1.9	2.6	2.0	1.8
	5.5	3.7	2.1	3.1	1.8	1.4	2.6	1.6	1.3

400V Drive Information

	Rated Output Power ND (kW)						
	0.75	1.5	2.2	3.7	5.5	7.5	11
Rated Output Current (A)	2.1	3.5	5	8.7	11.5	15.4	22
Rated Apparent Power (kVA)	1.4	2.3	3.3	5.7	7.6	10.1	14.5
Standby Losses to S Rated (%)	4.3	2.6	1.8	1.0	0.8	0.6	0.4

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	47.4	54.9	52.3	56.3	57.8	54.4	56.5	57.2
	1.5	37.8	45.1	42.7	46.8	48.6	45.2	47.3	48.2
	2.2	44.1	50.2	49.0	51.7	52.7	51.4	51.9	52.1
	3.7	40.3	43.5	43.9	44.0	43.6	45.4	43.7	42.8
	5.5	40.4	42.4	43.5	42.3	41.3	44.6	41.7	40.2
	7.5	34.3	34.3	36.9	34.3	32.6	38.0	33.7	31.7
	11.0	36.4	35.6	39.7	35.6	33.1	41.1	35.0	32.1
Overall CDM Losses (W)	0.75	77.3	72.1	75.1	70.6	68.5	72.7	68.8	67.1
	1.5	89.6	79.9	85.9	77.6	74.0	82.3	75.3	72.3
	2.2	104.4	89.0	98.6	85.7	80.2	93.4	82.6	78.0
	3.7	150.7	116.4	135.9	108.7	97.5	125.0	102.8	93.7
	5.5	192.8	140.6	169.2	128.6	112.2	152.9	120.1	106.9
	7.5	267.7	157.9	225.0	141.6	115.5	197.4	130.1	109.1
	11.0	368.1	205.3	308.9	182.8	143.4	270.2	166.7	134.5
Percentage of Rated Apparent Power (%)	0.75	5.6	5.2	5.4	5.1	5.0	5.3	5.0	4.9
	1.5	3.9	3.5	3.7	3.4	3.2	3.6	3.3	3.1
	2.2	3.2	2.7	3.0	2.6	2.4	2.8	2.5	2.4
	3.7	2.6	2.0	2.4	1.9	1.7	2.2	1.8	1.6
	5.5	2.5	1.9	2.2	1.7	1.5	2.0	1.6	1.4
	7.5	2.6	1.6	2.2	1.4	1.1	1.9	1.3	1.1
	11.0	2.5	1.4	2.1	1.3	1.0	1.9	1.2	0.9

480V Drive Information

	Rated Output Power ND (kW)						
	0.75	1.5	2.2	3.7	5.6	7.5	11
Rated Output Current (A)	2.1	3.4	5	8	11	14	22
Rated Apparent Power (kVA)	1.7	2.7	4.0	6.4	8.8	11.2	17.5
Standby Losses to S Rated (%)	3.6	2.2	1.5	0.9	0.7	0.5	0.3

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	48.4	55.9	53.3	57.2	58.6	55.3	57.2	57.9
	1.5	38.4	45.8	43.4	47.5	49.3	46.0	47.9	48.8
	2.2	36.0	42.1	40.8	43.6	44.7	43.1	43.9	44.1
	3.7	30.7	34.5	34.3	35.4	35.7	36.0	35.4	35.1
	5.6	33.3	35.3	36.9	36.0	35.2	38.5	35.9	34.4
	7.5	31.9	32.9	35.0	33.3	32.0	36.3	33.0	31.2
	11	38.0	37.2	41.6	37.4	34.7	43.3	36.9	33.6
Overall CDM Losses (W)	0.75	79.0	73.4	76.6	71.7	69.5	74.0	69.7	67.9
	1.5	91.1	81.1	87.3	78.7	74.9	83.6	76.2	73.1
	2.2	107.8	91.5	101.7	88.0	82.1	96.4	84.7	79.8
	3.7	146.4	114.6	133.3	107.7	97.0	123.3	102.1	93.3
	5.6	193.3	126.9	170.4	117.6	100.3	154.2	110.2	95.9
	7.5	249.3	151.6	213.0	137.5	113.4	188.9	127.2	107.5
	11	383.5	214.7	323.9	191.9	150.3	284.7	175.4	141.0
Percentage of Rated Apparent Power (%)	0.75	4.7	4.4	4.6	4.3	4.2	4.4	4.2	4.1
	1.5	3.4	3.0	3.2	2.9	2.8	3.1	2.8	2.7
	2.2	2.7	2.3	2.6	2.2	2.1	2.4	2.1	2.0
	3.7	2.3	1.8	2.1	1.7	1.5	1.9	1.6	1.5
	5.6	2.2	1.4	1.9	1.3	1.1	1.8	1.3	1.1
	7.5	2.2	1.4	1.9	1.2	1.0	1.7	1.1	1.0
	11	2.2	1.2	1.8	1.1	0.9	1.6	1.0	0.8

PowerFlex 755TS Frame 3

208V Drive Information

	Rated Output Power ND (kW)		
	7.5	11	15
Rated Output Current (A)	32.2	43	61
Rated Apparent Power (kVA)	11.6	15.5	22.0
Standby Losses to S Rated (%)	0.5	0.4	0.2

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	51.7	47.9	54.8	46.6	41.6	53.4	43.6	38.9
	11	55.0	51.9	60.0	51.4	45.7	60.2	49.0	43.2
	15	53.2	48.3	57.3	46.5	40.2	56.1	42.5	36.7
Overall CDM Losses (W)	7.5	403.5	220.7	333.5	192.5	147.2	277.7	168.1	133.9
	11	555.4	299.4	466.9	263.8	197.7	395.7	233.1	181.1
	15	642.2	326.4	529.0	279.0	200.7	434.4	235.7	177.1
Percentage of Rated Apparent Power (%)	7.5	3.5	1.9	2.9	1.7	1.3	2.4	1.4	1.2
	11	3.6	1.9	3.0	1.7	1.3	2.6	1.5	1.2
	15	2.9	1.5	2.4	1.3	0.9	2.0	1.1	0.8

240V Drive Information

	Rated Output Power ND (kW)		
	7.5	11	15
Rated Output Current (A)	28	42	55
Rated Apparent Power (kVA)	11.2	16.7	21.9
Standby Losses to S Rated (%)	0.5	0.3	0.2

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	44.3	42.8	47.8	42.2	38.5	47.4	40.0	36.3
	11	54.9	52.4	60.5	52.4	46.7	61.5	50.3	44.4
	15	46.4	43.4	50.5	42.2	37.1	49.8	38.8	34.0
Overall CDM Losses (W)	7.5	345.7	197.2	291.1	174.5	136.4	246.4	154.2	124.9
	11	554.4	302.4	471.0	268.5	202.1	403.9	239.3	186.0
	15	560.3	293.2	466.2	252.9	185.3	385.9	215.3	164.3
Percentage of Rated Apparent Power (%)	7.5	3.1	1.8	2.6	1.6	1.2	2.2	1.4	1.1
	11	3.3	1.8	2.8	1.6	1.2	2.4	1.4	1.1
	15	2.6	1.3	2.1	1.2	0.8	1.8	1.0	0.7

400V Drive Information

	Rated Output Power ND (kW)			
	15	18.5	22	30
Rated Output Current (A)	30	37	43	61
Rated Apparent Power (kVA)	19.7	24.4	28.3	40.1
Standby Losses to S Rated (%)	0.4	0.3	0.2	0.2

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15.0	37.6	37.8	40.9	37.7	35.5	41.9	36.8	34.2
	18.5	39.6	38.9	43.5	38.9	36.0	44.7	38.2	34.7
	22.0	37.8	38.2	42.7	39.3	36.3	45.1	39.2	35.5
	30	35.9	34.9	38.8	34.4	31.2	39.4	33.0	29.5
Overall CDM Losses (W)	15.0	454.3	255.5	377.3	225.9	177.1	324.6	204.0	165.2
	18.5	557.8	303.0	464.8	267.8	205.0	399.5	240.8	190.5
	22.0	701.9	384.9	598.0	346.5	263.6	525.9	317.4	248.2
	30	809.7	421.2	656.0	362.3	268.2	551.6	317.9	244.3
Percentage of Rated Apparent Power (%)	15.0	2.3	1.3	1.9	1.1	0.9	1.6	1.0	0.8
	18.5	2.3	1.2	1.9	1.1	0.8	1.6	1.0	0.8
	22.0	2.5	1.4	2.1	1.2	0.9	1.9	1.1	0.9
	30	2.0	1.0	1.6	0.9	0.7	1.4	0.8	0.6

480V Drive Information

	Rated Output Power ND (kW)			
	15	18.5	22	30
Rated Output Current (A)	27	34	40	53
Rated Apparent Power (kVA)	21.5	27.1	31.9	42.2
Standby Losses to S Rated (%)	0.3	0.3	0.2	0.2

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	34.8	36.0	38.5	36.4	34.6	40.0	35.9	33.6
	18.5	37.3	37.7	41.6	38.1	35.6	43.3	37.6	34.5
	22	37.1	38.3	42.6	39.8	37.0	45.6	40.1	36.4
	30	31.4	31.6	34.5	31.7	29.3	35.6	30.7	27.9
Overall CDM Losses (W)	15	419.9	243.4	355.3	218.2	173.1	310.0	198.8	162.3
	18.5	525.8	293.2	445.0	262.0	202.6	386.9	237.5	189.2
	22	689.0	385.8	596.7	351.2	268.9	531.6	324.4	254.4
	30	706.4	381.7	584.4	333.7	251.6	498.5	296.1	230.8
Percentage of Rated Apparent Power (%)	15	2.0	1.1	1.7	1.0	0.8	1.4	0.9	0.8
	18.5	1.9	1.1	1.6	1.0	0.7	1.4	0.9	0.7
	22	2.2	1.2	1.9	1.1	0.8	1.7	1.0	0.8
	30	1.7	0.9	1.4	0.8	0.6	1.2	0.7	0.5

600V Drive Information

	Rated Output Power ND (kW)							
	0.75	1.5	2.2	3.7	5.5	7.5	11	15
Rated Output Current (A)	1.7	2.7	3.9	6.1	9	11	17	22
Rated Apparent Power (kVA)	1.7	2.7	3.9	6.1	9.0	11.0	17.0	21.9
Standby Losses to S Rated (%)	3.6	2.3	1.6	1.0	0.7	0.6	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	0.75	57.1	61.3	62.1	63.1	62.1	64.6	64.0	62.5
	1.5	52.1	60.7	59.1	63.5	65.1	63.2	65.0	65.5
	2.2	50.5	59.9	58.3	63.3	65.2	63.1	65.0	65.7
	3.7	45.1	54.8	53.2	58.4	60.5	58.3	60.4	1.3
	5.5	50.9	59.2	60.6	63.6	65.5	66.9	66.0	66.2
	7.5	53.7	70.7	65.8	76.5	81.0	74.0	80.0	82.0
	11	62.5	84.3	77.8	92.4	98.8	88.8	97.4	100.8
	15	56.2	74.1	70.5	81.8	86.8	80.9	86.5	88.6
Overall CDM Losses (W)	0.75	81.1	75.5	80.0	74.9	72.5	79.0	74.3	72.2
	1.5	97.9	88.7	96.1	87.7	83.9	94.4	86.8	83.5
	2.2	119.8	106.2	117.2	104.8	99.2	114.7	103.5	98.5
	3.7	168.7	146.4	164.6	144.3	135.2	160.6	142.2	134.1
	5.5	242.6	196.5	235.8	193.3	177.8	229.5	190.1	176.2
	7.5	312.2	253.8	303.7	249.8	230.4	295.9	246.0	228.5
	11	488.0	388.4	474.1	382.0	349.9	461.6	375.9	346.8
	15	567.2	428.0	548.3	419.5	375.6	531.7	411.6	371.6
Percentage of Rated Apparent Power (%)	0.75	4.8	4.4	4.7	4.4	4.3	4.6	4.4	4.2
	1.5	3.6	3.3	3.6	3.2	3.1	3.5	3.2	3.1
	2.2	3.1	2.7	3.0	2.7	2.5	2.9	2.7	2.5
	3.7	2.8	2.4	2.7	2.4	2.2	2.6	2.3	2.2
	5.5	2.7	2.2	2.6	2.1	2.0	2.6	2.1	2.0
	7.5	2.8	2.3	2.8	2.3	2.1	2.7	2.2	2.1
	11	2.9	2.3	2.8	2.2	2.1	2.7	2.2	2.0
	15	2.6	2.0	2.5	1.9	1.7	2.4	1.9	1.7

PowerFlex 755TS Frame 4

208V Drive Information

	Rated Output Power ND (kW)	
	15	18.5
Rated Output Current (A)	60	79
Rated Apparent Power (kVA)	21.6	28.5
Standby Losses to S Rated (%)	0.3	0.2

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15.0	48.0	46.8	52.5	46.0	41.7	51.9	43.0	38.8
	18.5	50.4	49.2	56.1	48.	43.6	55.8	45.5	40.3
Overall CDM Losses (W)	15.0	578.8	316.5	483.9	275.9	208.1	401.8	238.4	187.3
	18.5	714.6	386.0	602.6	336.0	248.5	497.1	286.1	220.5
Percentage of Rated Apparent Power (%)	15.0	2.7	1.5	2.2	1.3	1.0	1.9	1.1	0.9
	18.5	2.5	1.4	2.1	1.2	0.9	1.7	1.0	0.8

240V Drive Information

	Rated Output Power ND (kW)	
	15	18.5
Rated Output Current (A)	54	71
Rated Apparent Power (kVA)	21.5	28.3
Standby Losses to S Rated (%)	0.3	0.2

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	15	42.7	42.8	47.2	42.5	39.1	47.2	40.1	36.7
	18.5	45.1	45.3	50.5	45.0	40.9	50.3	42.1	37.7
Overall CDM Losses (W)	15	514.9	289.8	435.5	255.1	195.5	365.8	222.4	177.0
	18.5	634.6	352.6	540.3	309.4	232.6	450.2	265.6	207.2
Percentage of Rated Apparent Power (%)	15	2.4	1.3	2.0	1.2	0.9	1.7	1.0	0.8
	18.5	2.2	1.2	1.9	1.1	0.8	1.6	0.9	0.7

400V Drive Information

	Rated Output Power ND (kW)			
	30	37	37	45
Rated Output Current (A)	60	72	73	86
Rated Apparent Power (kVA)	39.5	47.4	48.0	56.6
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	30.3	29.9	32.9	29.8	27.4	33.4	28.7	26.1
	37	31.1	30.0	34.0	29.9	27.2	34.8	28.8	25.9
	37	26.6	26.3	28.8	25.9	23.9	28.8	24.6	22.5
	45	33.1	31.6	35.3	30.7	27.7	35.0	28.9	25.9
Overall CDM Losses (W)	30	682.4	361.4	556.2	313.7	235.9	468.0	277.0	216.2
	37	839.7	430.5	687.2	373.9	275.0	579.4	329.8	251.9
	37	717.1	377.8	581.2	324.8	242.1	480.6	281.6	218.9
	45	893.2	453.5	713.1	384.5	280.5	584.0	330.2	251.5
Percentage of Rated Apparent Power (%)	30	1.7	0.9	1.4	0.8	0.6	1.2	0.7	0.5
	37	1.8	0.9	1.5	0.8	0.6	1.2	0.7	0.5
	37	1.5	0.8	1.2	0.7	0.5	1.0	0.6	0.5
	45	1.6	0.8	1.3	0.7	0.5	1.0	0.6	0.4

480V Drive Information

	Rated Output Power ND (kW)			
	30	37	37	45
Rated Output Current (A)	52	65	66	78
Rated Apparent Power (kVA)	41.4	51.8	52.6	62.1
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	26.3	27.0	29.1	27.3	25.6	30.0	26.6	24.5
	37	28.2	28.0	31.3	28.2	26.0	32.3	27.5	24.9
	37	24.1	24.6	26.5	24.5	22.9	26.8	23.4	21.6
	45	25.0	24.3	27.1	24.1	21.8	27.2	22.9	20.5
Overall CDM Losses (W)	30	592.2	326.1	492.4	287.4	220.1	420.3	256.3	202.9
	37	761.6	402.2	632.4	353.3	263.6	538.9	314.0	242.4
	37	650.7	352.6	534.7	306.3	231.5	446.6	267.6	210.1
	45	809.6	410.3	654.4	351.2	253.4	540.4	302.6	227.3
Percentage of Rated Apparent Power (%)	30	1.4	0.8	1.2	0.7	0.5	1.0	0.6	0.5
	37	1.5	0.8	1.2	0.7	0.5	1.0	0.6	0.5
	37	1.2	0.7	1.0	0.6	0.4	0.8	0.5	0.4
	45	1.3	0.7	1.1	0.6	0.4	0.9	0.5	0.4

600V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	27	32
Rated Apparent Power (kVA)	26.0	31.9
Standby Losses to S Rated (%)	0.3	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	60.1	84.2	76.8	93.5	102.2	89.3	99.6	104.9
	22	60.8	84.9	78.1	94.6	103.4	91.2	101.4	106.2
Overall CDM Losses (W)	18.5	725.4	569.4	708.5	560.9	510.7	691.6	552.4	506.2
	22	855.8	660.4	835.8	650.3	588.1	815.8	640.2	582.9
Percentage of Rated Apparent Power (%)	18.5	2.8	2.2	2.7	2.2	2.0	2.7	2.1	1.9
	22	2.7	2.1	2.6	2.0	1.8	2.6	2.0	1.8

PowerFlex 755TS Frame 5**208V Drive Information**

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	78.2	92
Rated Apparent Power (kVA)	28.2	33.1
Standby Losses to S Rated (%)	0.3	0.3

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	50.7	49.8	55.8	48.8	43.9	54.4	45.0	40.2
	22.0	47.0	46.5	52.6	46.4	41.7	52.0	43.0	38.5
Overall CDM Losses (W)	18.5	714.5	387.2	596.9	335.4	249.5	486.5	283.9	220.8
	22.0	873.3	469.0	737.1	409.2	302.7	606.0	348.6	269.2
Percentage of Rated Apparent Power (%)	18.5	2.5	1.4	2.1	1.2	0.9	1.7	1.0	0.8
	22.0	2.6	1.4	2.2	1.2	0.9	1.8	1.1	0.8

240V Drive Information

	Rated Output Power ND (kW)	
	18.5	22
Rated Output Current (A)	70	80
Rated Apparent Power (kVA)	27.9	31.9
Standby Losses to S Rated (%)	0.3	0.3

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	18.5	44.8	45.2	49.7	44.7	40.9	49.0	41.6	37.7
	22	40.0	41.1	45.2	41.3	38.0	45.2	38.7	35.2
Overall CDM Losses (W)	18.5	630.3	352.0	532.0	307.5	232.7	438.3	262.5	206.8
	22	743.0	414.1	633.8	364.6	275.6	526.9	313.4	246.3
Percentage of Rated Apparent Power (%)	18.5	2.3	1.3	1.9	1.1	0.8	1.6	0.9	0.7
	22	2.3	1.3	2.0	1.1	0.9	1.7	1.0	0.8

400V Drive Information

	Rated Output Power ND (kW)		
	37	45	55
Rated Output Current (A)	72	85	104
Rated Apparent Power (kVA)	47.4	55.9	68.5
Standby Losses to S Rated (%)	0.2	0.2	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	37	26.9	28.6	30.8	29.2	27.7	31.6	28.2	26.3
	45	33.7	34.4	37.6	34.4	31.8	38.0	32.6	29.9
	55	26.6	26.3	30.1	26.7	24.0	30.7	25.5	22.5
Overall CDM Losses (W)	37	725.7	410.4	622.2	366.0	280.4	526.6	322.0	256.3
	45	910.3	492.7	760.4	430.4	322.4	633.0	373.1	291.1
	55	1156.5	589.7	971.6	515.1	367.7	811.1	444.6	330.0
Percentage of Rated Apparent Power (%)	37	1.5	0.9	1.3	0.8	0.6	1.1	0.7	0.5
	45	1.6	0.9	1.4	0.8	0.6	1.1	0.7	0.5
	55	1.7	0.9	1.4	0.8	0.5	1.2	0.6	0.5

480V Drive Information

	Rated Output Power ND (kW)		
	37	45	55
Rated Output Current (A)	65	77	96
Rated Apparent Power (kVA)	51.8	61.3	76.5
Standby Losses to S Rated (%)	0.2	0.2	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	37	24.9	27.2	28.8	27.9	26.8	29.7	27.1	25.6
	45	25.9	26.9	29.3	27.4	25.5	29.9	26.3	24.1
	55	24.9	25.2	28.5	25.8	23.5	29.2	24.8	22.1
Overall CDM Losses (W)	37	671.3	389.5	581.0	349.7	271.2	495.8	309.5	248.6
	45	838.9	454.3	707.8	399.4	296.6	593.6	347.1	267.4
	55	1084.4	566.2	919.3	498.2	359.9	773.6	432.6	324.0
Percentage of Rated Apparent Power (%)	37	1.3	0.8	1.1	0.7	0.5	1.0	0.6	0.5
	45	1.4	0.7	1.2	0.7	0.5	1.0	0.6	0.4
	55	1.4	0.7	1.2	0.7	0.5	1.0	0.6	0.4

600V Drive Information

	Rated Output Power ND (kW)	
	30	37
Rated Output Current (A)	41	52
Rated Apparent Power (kVA)	40.8	51.8
Standby Losses to S Rated (%)	0.4	0.3

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	30	53.7	75.7	69.0	84.9	92.7	80.4	90.7	95.2
	37	60.7	86.7	78.4	97.7	107.8	91.7	104.8	111.0
Overall CDM Losses (W)	30	998.3	763.1	967.3	748.8	672.8	936.3	734.4	665.6
	37	1367.5	1047.4	1326.2	1028.6	927.2	1284.8	1009.8	917.8
Percentage of Rated Apparent Power (%)	30	2.4	1.9	2.4	1.8	1.6	2.3	1.8	1.6
	37	2.6	2.0	2.6	2.0	1.8	2.5	1.9	1.8

PowerFlex 755TS Frame 6

208V Drive Information

	Rated Output Power ND (kW)					
	22	30	37	45	55	66
Rated Output Current (A)	92	120	150	177	221	260
Rated Apparent Power (kVA)	33.1	43.2	54.0	63.8	79.6	93.7
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.2	0.1	0.1

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	22	50.6	51.0	52.7	48.1	44.3	49.5	42.4	38.8
	30	54.7	53.3	58.6	51.2	45.9	56.5	45.9	40.7
	37	49.5	50.3	54.6	48.8	44.4	52.8	43.4	38.8
	45	51.0	49.5	56.2	48.4	42.5	54.7	43.1	37.2
	55	55.6	52.8	60.5	51.3	44.3	58.6	45.6	38.7
	66	59.9	55.4	65.5	53.9	45.8	64.2	48.6	40.3
Overall CDM Losses (W)	22	940.2	513.8	738.5	424.1	321.3	576.2	343.5	271.0
	30	1231.3	644.3	992.1	539.5	394.8	791.9	442.4	336.6
	37	1335.2	720.8	1102.8	611.4	449.4	880.9	496.7	377.5
	45	1651.0	836.5	1357.0	704.7	493.9	1085.6	569.6	412.2
	55	2110.8	1041.1	1710.5	869.7	597.9	1358.0	700.6	499.6
	66	2632.8	1254.3	2123.4	1044.1	702.5	1690.4	843.3	589.0
Percentage of Rated Apparent Power (%)	22	2.8	1.6	2.2	1.3	1.0	1.7	1.0	0.8
	30	2.8	1.5	2.3	1.2	0.9	1.8	1.0	0.8
	37	2.5	1.3	2.0	1.1	0.8	1.6	0.9	0.7
	45	2.6	1.3	2.1	1.1	0.8	1.7	0.9	0.6
	55	2.7	1.3	2.1	1.1	0.8	1.7	0.9	0.6
	66	2.8	1.3	2.3	1.1	0.7	1.8	0.9	0.6

240V Drive Information

	Rated Output Power ND (kW)					
	22	30	37	45	55	75
Rated Output Current (A)	80	104	130	154	192	260
Rated Apparent Power (kVA)	31.9	41.4	51.8	61.3	76.5	103.6
Standby Losses to S Rated (%)	0.3	0.2	0.2	0.25	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	22	43.3	45.6	45.8	43.5	41.0	43.4	38.5	35.8
	30	46.0	46.9	50.0	45.4	41.7	48.5	40.8	36.9
	37	42.3	44.9	47.0	43.7	40.7	45.7	38.8	35.2
	45	43.2	43.9	48.1	43.0	38.8	47.0	38.4	33.7
	55	46.7	46.3	51.5	45.2	40.0	50.2	40.3	34.8
	75	51.2	48.0	56.2	46.9	40.1	55.3	42.0	35.2
Overall CDM Losses (W)	22	804.5	460.1	641.9	383.6	297.7	505.6	311.8	250.3
	30	1036.9	566.7	845.5	478.4	359.0	679.6	393.5	305.1
	37	1141.2	643.7	950.2	547.3	412.2	761.5	443.3	342.7
	45	1400.1	741.1	1161.2	626.9	451.0	933.0	506.3	373.4
	55	1773.4	911.7	1453.8	766.8	540.4	1162.1	619.0	449.4
	75	2646.4	1273.7	2152.4	1066.2	721.8	1730.4	866.6	605.9
Percentage of Rated Apparent Power (%)	22	2.5	1.4	2.0	1.2	0.9	1.6	1.0	0.8
	30	2.5	1.4	2.0	1.2	0.9	1.6	1.0	0.7
	37	2.2	1.2	1.8	1.1	0.8	1.5	0.9	0.7
	45	2.3	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	55	2.3	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	75	2.6	1.2	2.1	1.0	0.7	1.7	0.8	0.6

400V Drive Information

	Rated Output Power ND (kW)				
	55	75	90	110	132
Rated Output Current (A)	104	140	170	205	260
Rated Apparent Power (kVA)	68.5	92.1	111.9	134.9	171.1
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	55	26.2	27.3	29.3	27.5	25.7	29.6	25.9	23.7
	75	38.9	37.8	42.3	37.1	33.2	42.2	34.4	30.1
	90	31.3	33.4	37.2	34.7	31.8	39.5	33.1	29.2
	110	39.8	40.7	47.0	42.1	37.6	50.0	40.2	34.6
	132	35.9	36.0	42.2	37.1	32.8	44.5	35.4	30.0
Overall CDM Losses (W)	55	1139.3	613.5	944.8	529.9	393.4	782.7	452.1	347.6
	75	1694.1	848.9	1367.3	715.3	508.8	1116.5	599.9	441.9
	90	1737.1	911.9	1462.7	787.9	565.9	1211.8	661.8	488.5
	110	2208.2	1111.1	1847.5	955.9	669.2	1531.6	803.9	579.4
	132	2876.6	1410.8	2380.9	1205.9	828.6	1964.1	1012.2	718.5
Percentage of Rated Apparent Power (%)	55	1.7	0.9	1.4	0.8	0.6	1.1	0.7	0.5
	75	1.8	0.9	1.5	0.8	0.6	1.2	0.7	0.5
	90	1.6	0.8	1.3	0.7	0.5	1.1	0.6	0.4
	110	1.6	0.8	1.4	0.7	0.5	1.1	0.6	0.4
	132	1.7	0.8	1.4	0.7	0.5	1.1	0.6	0.4

480V Drive Information

	Rated Output Power ND (kW)				
	55	75	90	110	132
Rated Output Current (A)	96	125	156	186	248.0
Rated Apparent Power (kVA)	76.5	99.6	124.3	148.2	197.6
Standby Losses to S Rated (%)	0.2	0.1	0.1	0.1	0.1

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	55	24.8	26.5	27.9	26.8	25.4	28.4	25.3	23.4
	75	29.3	29.6	32.3	29.4	26.9	32.5	27.2	24.4
	90	29.5	32.4	35.3	33.7	31.3	37.6	32.1	28.6
	110	30.6	32.4	36.6	33.6	30.8	38.9	32.2	28.0
	132	28.2	29.0	33.3	29.9	26.7	35.4	28.6	24.5
Overall CDM Losses (W)	55	1076.8	594.7	901.2	516.7	388.2	751.1	442.2	342.7
	75	1513.8	786.0	1236.6	668.2	484.5	1016.3	562.6	420.7
	90	1636.0	882.9	1385.9	764.9	557.1	1151.6	642.1	478.5
	110	2031.4	1053.9	1711.4	910.2	647.8	1423.6	765.8	558.7
	132	2813.0	1406.0	2343.7	1207.4	837.9	1943.1	1016.5	726.1
Percentage of Rated Apparent Power (%)	55	1.4	0.8	1.2	0.7	0.5	1.0	0.6	0.4
	75	1.5	0.8	1.2	0.7	0.5	1.0	0.6	0.4
	90	1.3	0.7	1.1	0.6	0.4	0.9	0.5	0.4
	110	1.4	0.7	1.2	0.6	0.4	1.0	0.5	0.4
	132	1.4	0.7	1.2	0.6	0.4	1.0	0.5	0.4

600V Drive Information

	Rated Output Power ND (kW)												
	7.5	11	15 ⁽¹⁾	15	18.5	22	30	37	45	55	75	90	110
Rated Output Current (A)	12	18	24	23	28	33	42	53	63	77	99	125	144
Rated Apparent Power (kVA)	12.0	17.9	23.9	22.9	27.9	32.9	41.8	52.8	62.7	76.7	98.6	124.5	143.4
Standby Losses to S Rated (%)	1.7	1.2	0.9	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.1

(1) 15 kW, 24 A

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	59.3	80.7	72.4	87.3	93.4	81.1	91.0	94.5
	11	53.7	72.7	66.3	79.2	84.3	74.8	82.9	85.6
	15 ⁽¹⁾	49.3	66.3	61.3	72.6	77.0	69.5	76.2	78.3
	15	48.2	65.2	59.9	71.5	76.0	68.0	75.0	77.3
	18.5	46.1	62.0	57.6	67.9	72.3	65.5	71.3	73.5
	22	44.6	59.5	56.0	65.3	69.2	63.7	68.9	70.4
	30	40.8	53.6	51.3	59.1	62.0	58.5	62.2	63.0
	37	41.0	52.6	51.5	58.1	60.2	58.8	61.1	61.2
	45	38.5	49.4	48.6	54.5	56.2	55.7	57.4	57.2
	55	38.1	48.5	48.2	54.0	55.6	55.3	57.1	56.9
	75	35.8	44.5	45.3	49.5	50.3	51.9	52.4	51.1
	90	37.8	45.8	47.8	50.9	51.0	54.7	53.5	51.7
	110	41.0	51.1	54.1	58.5	58.5	64.9	63.3	60.4
Overall CDM Losses (W)	7.5	344.5	289.8	334.4	284.8	265.9	324.4	279.8	263.3
	11	419.4	335.0	403.9	327.5	298.6	388.7	320.0	294.7
	15 ⁽¹⁾	498.3	382.8	477.2	372.6	333.4	456.6	362.5	328.2
	15	486.4	376.2	466.3	366.5	329.0	446.6	356.8	324.1
	18.5	556.4	419.3	531.6	407.4	361.1	507.2	395.5	355.1
	22	628.5	463.4	598.7	449.1	393.9	569.6	435.1	386.7
	30	758.3	540.3	719.3	521.9	449.8	681.5	503.7	440.5
	37	922.9	635.6	872.0	611.9	518.2	822.9	588.6	506.4
	45	1038.7	708.6	982.4	681.9	569.5	928.9	656.0	556.2
	55	1234.8	819.5	1163.9	786.3	646.4	1097.1	754.2	629.9
	75	1557.4	999.4	1461.9	955.6	770.6	1373.2	913.5	749.2
	90	1955.8	1215.4	1828.8	1158.4	917.3	1712.7	1104.1	889.9
	110	2277.4	1394.4	2125.7	1327.2	1043.1	1988.5	1263.7	1011.2
Percentage of Rated Apparent Power (%)	7.5	2.9	2.4	2.8	2.4	2.2	2.7	2.3	2.2
	11	2.3	1.9	2.3	1.8	1.7	2.2	1.8	1.6
	15 ⁽¹⁾	2.1	1.6	2.0	1.6	1.4	1.9	1.5	1.4
	15	2.1	1.6	2.0	1.6	1.4	2.0	1.6	1.4
	18.5	2.0	1.5	1.9	1.5	1.3	1.8	1.4	1.3
	22	1.9	1.4	1.8	1.4	1.2	1.7	1.3	1.2
	30	1.8	1.3	1.7	1.2	1.1	1.6	1.2	1.1
	37	1.7	1.2	1.7	1.2	1.0	1.6	1.1	1.0
	45	1.7	1.1	1.6	1.1	0.9	1.5	1.0	0.9
	55	1.6	1.1	1.5	1.0	0.8	1.4	1.0	0.8
	75	1.6	1.0	1.5	1.0	0.8	1.4	0.9	0.8
	90	1.6	1.0	1.5	0.9	0.7	1.4	0.9	0.7
	110	1.6	1.0	1.5	0.9	0.7	1.4	0.9	0.7

(1) 15 kW, 24 A

690V Drive Information

	Rated Output Power ND (kW)												
	7.5	11	15	18.5	22	30	37	45	55	75	90	110	132
Rated Output Current (A)	12	15	20	23	30	34	46	50	61	82	98	119	142
Rated Apparent Power (kVA)	13.7	17.2	22.9	26.3	34.3	38.9	52.6	57.2	69.7	93.7	112.1	136.0	162.3
Standby Losses to S Rated (%)	1.5	1.2	0.9	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	7.5	63.6	86.4	77.9	93.5	100.0	87.4	97.7	101.2
	11.0	52.3	72.3	65.0	79.1	84.9	73.7	83.1	86.5
	15.0	46.9	64.3	58.6	70.7	75.6	66.8	74.5	77.1
	18.5	42.7	58.5	53.6	64.4	69.1	61.4	67.9	70.5
	22.0	43.3	57.8	54.5	63.6	67.4	62.3	67.3	68.6
	30.0	36.3	48.7	46.0	54.0	57.1	52.7	57.1	58.2
	37.0	37.9	49.2	47.9	54.5	56.6	54.9	57.4	57.6
	45.0	34.5	44.2	43.8	48.8	50.5	50.3	51.5	51.4
	55.0	30.9	39.1	39.2	43.6	44.6	45.2	46.2	45.6
	75.0	30.5	37.8	38.7	42.1	42.6	44.5	44.6	43.2
	90.0	30.7	37.7	39.0	42.1	42.3	44.9	44.4	43.0
	110.0	34.8	43.8	46.2	50.3	50.3	55.7	54.5	52.0
	132.0	35.2	43.6	46.8	50.0	50.0	56.1	54.2	51.3
Overall CDM Losses (W)	7.5	369.6	310.2	359.5	305.3	284.6	349.6	300.3	282.0
	11.0	408.4	333.2	395.6	326.9	300.9	383.1	320.7	297.7
	15.0	473.4	371.0	456.1	362.6	327.5	439.2	354.3	323.2
	18.5	515.0	395.8	494.9	386.1	345.3	475.2	376.5	340.4
	22.0	610.0	450.2	583.2	437.3	383.1	557.1	424.6	376.6
	30.0	675.1	491.2	644.4	476.5	414.5	614.5	462.0	407.0
	37.0	854.2	593.8	811.1	573.5	486.9	769.3	553.5	476.8
	45.0	932.5	633.8	884.4	611.2	511.1	838.1	589.0	499.7
	55.0	1001.4	660.9	947.3	635.2	518.1	895.8	610.2	505.2
	75.0	1325.1	848.4	1249.0	813.0	651.6	1177.6	778.8	634.1
	90.0	1587.7	1000.8	1493.7	957.6	761.1	1406.4	916.1	740.0
	110.0	1934.1	1193.9	1815.1	1140.1	895.7	1705.8	1088.9	869.8
	132.0	2337.8	1418.5	2189.3	1352.6	1053.4	2054.8	1290.3	1022.0
Percentage of Rated Apparent Power (%)	7.5	2.7	2.3	2.6	2.2	2.1	2.6	2.2	2.1
	11.0	2.4	1.9	2.3	1.9	1.7	2.2	1.9	1.7
	15.0	2.1	1.6	2.0	1.6	1.4	1.9	1.5	1.4
	18.5	2.0	1.5	1.9	1.5	1.3	1.8	1.4	1.3
	22.0	1.8	1.3	1.7	1.3	1.1	1.6	1.2	1.1
	30.0	1.7	1.3	1.7	1.2	1.1	1.6	1.2	1.0
	37.0	1.6	1.1	1.5	1.1	0.9	1.5	1.1	0.9
	45.0	1.6	1.1	1.5	1.1	0.9	1.5	1.0	0.9
	55.0	1.4	0.9	1.4	0.9	0.7	1.3	0.9	0.7
	75.0	1.4	0.9	1.3	0.9	0.7	1.3	0.8	0.7
	90.0	1.4	0.9	1.3	0.9	0.7	1.3	0.8	0.7
	110.0	1.4	0.9	1.3	0.8	0.7	1.3	0.8	0.6
	132.0	1.4	0.9	1.3	0.8	0.6	1.3	0.8	0.6

PowerFlex 755TS Frame 7

208V Drive Information

	Rated Output Power ND (kW)			
	66	90	110	132
Rated Output Current (A)	260	359	414	477
Rated Apparent Power (kVA)	93.7	129.3	149.2	171.8
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

208V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	66	54.6	53.1	58.6	51.5	45.5	57.0	46.6	40.3
	90	62.1	60.8	71.2	61.6	53.0	73.9	57.7	48.3
	110	52.9	52.9	59.8	52.9	46.4	60.5	48.7	41.3
	132	53.0	51.7	59.6	51.6	44.6	60.3	47.5	39.9
Overall CDM Losses (W)	66	2364.7	1194.3	1888.9	994.8	697.1	1500.8	809.8	588.3
	90	3447.9	1658.4	2798.1	1396.7	945.3	2264.6	1153.0	809.1
	110	3517.0	1722.4	2801.0	1432.5	976.6	2213.7	1159.8	823.9
	132	4253.2	2027.8	3363.0	1678.6	1127.2	2657.4	1360.2	953.3
Percentage of Rated Apparent Power (%)	66	2.5	1.3	2.0	1.1	0.7	1.6	0.9	0.6
	90	2.7	1.3	2.2	1.1	0.7	1.8	0.9	0.6
	110	2.4	1.2	1.9	1.0	0.7	1.5	0.8	0.6
	132	2.5	1.2	2.0	1.0	0.7	1.5	0.8	0.6

240V Drive Information

	Rated Output Power ND (kW)			
	75	90	110	132
Rated Output Current (A)	260	312	360	477
Rated Apparent Power (kVA)	103.6	124.3	143.4	190.0
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1

240V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	75	45.3	45.4	50.0	44.7	40.0	49.5	40.6	35.4
	90	52.0	52.9	60.5	54.1	47.7	63.4	51.0	43.4
	110	44.5	46.2	51.1	46.7	41.8	52.3	43.2	37.2
	132	53.2	52.5	60.4	52.7	45.9	61.9	49.0	41.1
Overall CDM Losses (W)	75	2340.6	1204.3	1913.5	1018.1	718.5	1549.4	838.1	608.8
	90	2886.9	1443.2	2378.0	1227.3	849.2	1943.9	1018.4	726.0
	110	2955.5	1503.0	2394.2	1263.0	879.3	1913.9	1028.3	740.6
	132	4266.7	2056.9	3411.8	1715.7	1159.5	2729.1	1401.9	983.6
Percentage of Rated Apparent Power (%)	75	2.3	1.2	1.8	1.0	0.7	1.5	0.8	0.6
	90	2.3	1.2	1.9	1.0	0.7	1.6	0.8	0.6
	110	2.1	1.0	1.7	0.9	0.6	1.3	0.7	0.5
	132	2.2	1.1	1.8	0.9	0.6	1.4	0.7	0.5

400V Drive Information

	Rated Output Power ND (kW)				
	132	160	200	250	270
Rated Output Current (A)	260	302	367	456	477
Rated Apparent Power (kVA)	171.1	198.8	241.6	300.1	314.0
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.1

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	132	32.8	35.4	39.5	37.3	34.5	42.7	36.7	32.4
	160	31.7	33.5	37.9	35.1	32.0	41.0	34.4	30.0
	200	39.9	41.0	48.0	43.0	38.4	52.3	42.3	36.1
	250	35.3	36.1	41.5	37.4	32.6	44.0	35.7	30.1
	270	34.3	34.8	40.4	36.2	31.4	43.1	34.7	29.1
Overall CDM Losses (W)	132	2628.6	1386.3	2228.0	1214.3	872.1	1885.2	1049.1	775.4
	160	3160.9	1626.3	2666.6	1417.7	1002.9	2252.3	1220.7	888.2
	200	3985.4	1988.1	3378.0	1738.2	1204.5	2870.2	1503.0	1071.6
	250	4375.3	2124.2	3605.2	1818.3	1219.0	2978.4	1532.5	1062.9
	270	4586.2	2216.2	3797.3	1903.0	1270.3	3149.0	1607.9	1110.1
Percentage of Rated Apparent Power (%)	132	1.5	0.8	1.3	0.7	0.5	1.1	0.6	0.5
	160	1.6	0.8	1.3	0.7	0.5	1.1	0.6	0.4
	200	1.6	0.8	1.4	0.7	0.5	1.2	0.6	0.4
	250	1.5	0.7	1.2	0.6	0.4	1.0	0.5	0.4
	270	1.5	0.7	1.2	0.6	0.4	1.0	0.5	0.4

480V Drive Information

	Rated Output Power ND (kW)				
	132	160	200	250	315
Rated Output Current (A)	248	302	361	415	477
Rated Apparent Power (kVA)	197.6	240.6	287.6	330.6	380.0
Standby Losses to S Rated (%)	0.1	0.1	0.1	0.1	0.0

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	132	26.2	28.9	31.8	30.5	28.4	34.7	30.1	26.8
	160	33.3	35.5	40.1	37.3	34.1	43.6	36.7	32.0
	200	33.1	34.0	40.2	36.1	31.5	44.1	35.4	29.6
	250	26.0	27.4	30.9	28.4	25.3	33.1	27.5	23.4
	315	30.7	31.6	36.5	32.8	28.8	39.2	31.8	26.7
Overall CDM Losses (W)	132	2613.5	1400.9	2232.8	1233.2	891.9	1901.7	1069.4	793.0
	160	3320.6	1722.9	2818.0	1507.9	1069.7	2394.4	1303.2	948.0
	200	4100.9	2001.8	3492.9	1753.7	1181.2	2980.5	1516.1	1047.0
	250	4060.2	2023.6	3381.1	1744.4	1185.9	2813.4	1476.7	1034.1
	315	4792.1	2335.6	3990.8	2014.0	1349.4	3330.1	1709.4	1180.8
Percentage of Rated Apparent Power (%)	132	1.3	0.7	1.1	0.6	0.5	1.0	0.5	0.4
	160	1.4	0.7	1.2	0.6	0.4	1.0	0.5	0.4
	200	1.4	0.7	1.2	0.6	0.4	1.0	0.5	0.4
	250	1.2	0.6	1.0	0.5	0.4	0.9	0.4	0.3
	315	1.3	0.6	1.1	0.5	0.4	0.9	0.5	0.3

600V Drive Information

	Rated Output Power ND (kW)		
	132	160	200
Rated Output Current (A)	192	242	289
Rated Apparent Power (kVA)	191.2	241.0	287.8
Standby Losses to S Rated (%)	0.2	0.1	0.1

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	132	44.9	54.6	59.3	62.2	62.0	70.5	67.0	63.3
	160	47.9	55.9	63.0	63.5	61.8	74.8	68.2	63.0
	200	47.6	52.5	62.3	59.3	55.4	73.8	63.5	56.3
Overall CDM Losses (W)	132	2986.6	1776.4	2774.9	1683.3	1305.1	2582.2	1595.0	1260.9
	160	3842.8	2189.8	3556.1	2067.0	1562.8	3299.5	1951.9	1505.8
	200	4747.4	2549.0	4377.6	2396.3	1736.0	4051.8	2254.6	1668.4
Percentage of Rated Apparent Power (%)	132	1.6	0.9	1.5	0.9	0.7	1.4	0.8	0.7
	160	1.6	0.9	1.5	0.9	0.6	1.4	0.8	0.6
	200	1.6	0.9	1.5	0.8	0.6	1.4	0.8	0.6

690V Drive Information

	Rated Output Power ND (kW)		
	160	200	250
Rated Output Current (A)	171	212	263
Rated Apparent Power (kVA)	195.5	242.4	300.7
Standby Losses to S Rated (%)	0.2	0.1	0.1

690V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	160	33.9	41.1	44.9	47.0	46.4	53.7	50.7	47.5
	200	34.4	40.5	45.4	46.1	44.7	54.2	49.6	45.6
	250	35.7	40.4	47.0	46.1	43.1	56.2	49.4	44.0
Overall CDM Losses (W)	160	2718.6	1609.9	2536.5	1528.8	1173.8	2369.5	1451.6	1135.0
	200	3432.4	1966.4	3192.6	1862.0	1402.2	2975.7	1763.5	1353.1
	250	4414.8	2378.3	4090.9	2242.8	1614.6	3803.2	2116.4	1554.0
Percentage of Rated Apparent Power (%)	160	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	200	1.4	0.8	1.3	0.8	0.6	1.2	0.7	0.6
	250	1.5	0.8	1.4	0.7	0.5	1.3	0.7	0.5

PowerFlex 755TS Frame 7A

400V Drive Information

	Rated Output Power ND (kW)	
	315	355
Rated Output Current (A)	567	650
Rated Apparent Power (kVA)	373.2	427.8
Standby Losses to S Rated (%)	0.1	0.0 ⁽¹⁾

(1) 0.0 is a value that is rounded to one decimal place.

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	315	31.5	33.0	38.2	34.6	30.3	41.5	33.6	28.2
	315	33.5	34.9	40.7	36.6	31.9	44.2	35.5	29.6
	355	35.6	36.1	42.9	38.0	32.5	46.6	36.6	30.1
Overall CDM Losses (W)	315	4907.8	2435.9	4180.3	2121.4	1422.2	3526.1	1803.4	1246.3
	315	5228.0	2577.2	4450.7	2242.3	1497.0	3757.2	1905.6	1310.2
	355	6236.9	3007.5	5284.6	2605.6	1716.6	4461.5	2210.9	1498.7
Percentage of Rated Apparent Power (%)	315	1.3	0.7	1.1	0.6	0.4	0.9	0.5	0.3
	315	1.4	0.7	1.2	0.6	0.4	1.0	0.5	0.4
	355	1.5	0.7	1.2	0.6	0.4	1.0	0.5	0.4

480V Drive Information

	Rated Output Power ND (kW)	
	355	400
Rated Output Current (A)	545	617
Rated Apparent Power (kVA)	434.2	491.6
Standby Losses to S Rated (%)	0.0 ⁽¹⁾	0.0 ⁽¹⁾

(1) 0.0 is a value that is rounded to one decimal place.

480V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	315	25.7	27.6	31.5	29.3	25.9	34.3	28.4	24.1
	355	26.4	27.8	32.1	29.4	25.8	35.1	28.5	23.9
	400	24.7	25.5	30.1	27.0	23.5	32.9	26.2	21.8
Overall CDM Losses (W)	315	4509.3	2296.1	3873.5	2012.1	1368.2	3285.4	1718.4	1200.6
	355	5208.7	2606.0	4456.0	2275.3	1530.9	3777.2	1939.3	1339.7
	400	6097.8	2993.2	5199.1	2605.6	1733.4	4409.9	2219.3	1514.6
Percentage of Rated Apparent Power (%)	315	1.2	0.6	1.0	0.5	0.4	0.9	0.4	0.3
	355	1.2	0.6	1.0	0.5	0.4	0.9	0.4	0.3
	400	1.2	0.6	1.1	0.5	0.4	0.9	0.5	0.3

PowerFlex 700H AC Drives

These tables provide CDM losses for PowerFlex 700H AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [20C-TD001](#).

400V Drive Information

	Rated Output Power ND (kW)							
	160	200	250	315	355	400	450	710
Rated Output Current (A)	300	385	500	590	650	730	820	1300
Rated Apparent Power (kVA)	208	267	360	409	450	506	714	901
Standby Losses to S Rated (%)	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0

400V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	160	51.6	50.3	62.0	53.8	48.7	69.7	55.2	48.3
	200	48.0	51.2	57.5	54.8	52.2	64.4	56.6	52.1
	250	55.5	55.6	67.1	59.8	54.3	75.6	61.2	53.9
	315	46.4	51.0	57.1	55.4	53.4	65.0	57.6	53.4
	355	46.6	49.6	57.1	53.9	50.7	64.9	55.6	50.6
	400	48.3	49.4	58.9	53.5	49.1	66.8	54.9	48.9
	450	55.3	55.4	67.0	59.7	54.8	75.8	61.6	54.4
	710	46.7	49.8	57.2	54.2	51.0	64.9	55.8	50.9
Overall CDM Losses (W)	160	4133	1971	3499	1750	1232	3074	1581	1155
	200	4783	2482	4044	2217	1638	3532	2009	1544
	250	6876	3276	5832	2909	2032	5116	2623	1903
	315	7237	3768	6247	3398	2501	5526	3095	2361
	355	8181	4125	7031	3703	2674	6209	3363	2518
	400	9548	4627	8165	4131	2915	7198	3739	2737
	450	13,630	6497	11576	5773	4036	10165	5208	3782
	710	16,364	8241	14028	7390	5339	12369	6705	5026
Percentage of Rated Apparent Power (%)	160	2.0	1.0	1.7	0.8	0.6	1.5	0.8	0.6
	200	1.8	0.9	1.5	0.8	0.6	1.3	0.8	0.6
	250	1.9	0.9	1.6	0.8	0.6	1.4	0.7	0.5
	315	1.8	0.9	1.5	0.8	0.6	1.4	0.8	0.6
	355	1.8	0.9	1.6	0.8	0.6	1.4	0.8	0.6
	400	1.9	0.9	1.6	0.8	0.6	1.4	0.7	0.5
	450	1.9	0.9	1.6	0.8	0.6	1.4	0.7	0.5
	710	1.8	0.9	1.6	0.8	0.6	1.4	0.7	0.6

600V Drive Information

	Rated Output Power ND (kW)					
	160	200	250	400	500	560
Rated Output Current (A)	170	208	261	416	502	590
Rated Apparent Power (kVA)	203	249	312	497	588	692
Standby Losses to S Rated (%)	0.1	0.0	0.1	0.0	0.0	0.0

600V Drive Loss Summary

	Rated Output Power ND (kW)	Operation Points							
		90/100	90/50	50/100	50/50	50/25	0/100	0/50	0/25
Percentage of IEC Reference Loss (%)	160	38.0	40.9	46.2	44.8	43.2	52.7	47.1	43.7
	200	40.1	39.4	47.8	42.3	38.5	54.1	44.1	38.7
	250	37.2	42.6	46.4	47.6	46.6	54.1	50.5	47.6
	400	40.4	40.8	50.4	45.3	41.2	58.8	47.8	41.8
	500	36.0	38.9	45.0	43.3	41.5	52.6	46.3	42.3
	560	26.2	28.8	32.3	31.4	30.3	36.8	32.7	30.3
Overall CDM Losses (W)	160	3045	1604	2608	1456	1092	2325	1347	1044
	200	3995	1911	3363	1708	1207	2970	1565	1146
	250	4603	2506	4035	2312	1746	3663	2167	1683
	400	7989	3826	6983	3497	2447	6336	3255	2344
	500	8873	4561	7779	4189	3056	7058	3911	2935
	560	7237	3768	6247	3398	2501	5526	3095	2361
Percentage of Rated Apparent Power (%)	160	1.5	0.8	1.3	0.7	0.5	1.2	0.7	0.5
	200	1.6	0.8	1.4	0.7	0.5	1.2	0.6	0.5
	250	1.5	0.8	1.3	0.7	0.6	1.2	0.7	0.5
	400	1.6	0.8	1.4	0.7	0.5	1.3	0.7	0.5
	500	1.5	0.8	1.3	0.7	0.5	1.2	0.7	0.5
	560	1.8	0.9	1.5	0.8	0.6	1.4	0.8	0.6

Armor PowerFlex AC Drives

These tables provide CDM losses for Armor PowerFlex AC drives.

Operating temperature and rated supply frequency can be found on the product label or in publication [35-TD001](#).

480V Drive Information and Loss Summary

480V Drive Information

	Rated Output Power ND (kW)					
	Frame A			Frame B		
	0.75	1.5	2.2	3.7	5.5	7.5
Rated Output Current (A)	2.3	4	6	10.5	13	17
Rated Apparent Power (kVA)	1.8	3.2	4.8	8.4	10.4	13.6
Standby Losses to S Rated (%) With Power Supply	2.2	1.3	0.9	0.7	0.6	0.4
Standby Losses to S Rated (%) Without Power Supply	1.2	0.7	0.4	0.5	0.4	0.3

480V Drive Loss Summary

	Frame Size	Rated Output Power, ND (kW)	Power Supply	Operation Points							
				(90/100)	(90/50)	(50/100)	(50/50)	(50/25)	(0/100)	(0/50)	(0/25)
Percentage of IEC Reference Loss (%)	A	0.75	with	44.1	44.3	47.6	45.5	43.6	49.3	46.0	43.8
			without	30.4	28.5	32.5	29.1	26.9	33.4	29.2	27.0
		1.5	with	42.7	44.9	48.0	46.7	45.7	50.7	47.4	45.8
			without	32.3	31.5	36.0	32.5	30.5	37.7	32.8	30.5
		2.2	with	44.1	45.2	50.0	47.2	45.4	53.2	48.0	45.5
			without	35.8	34.2	40.3	35.4	32.6	42.5	35.7	32.5
	B	3.7	with	45.1	43.0	51.8	45.1	42.7	55.4	45.9	42.8
			without	39.9	35.7	45.5	37.2	33.9	48.3	37.6	33.9
		5.5	with	45.1	43.0	51.8	45.1	42.7	55.4	45.9	42.8
			without	43.0	36.0	50.0	37.8	33.3	53.7	38.3	33.1
		7.5	with	48.6	46.5	58.0	49.3	44.8	63.6	50.4	44.8
			without	45.2	41.0	53.8	43.3	38.0	58.7	44.0	37.8
Overall CDM Losses (W)	A	0.75	with	62.6	54.6	61.4	54.0	51.0	60.3	53.4	50.7
			without	43.1	35.1	41.9	34.5	31.5	40.8	33.9	31.2
		1.5	with	80.3	65.6	78	64.4	58.9	75.7	63.3	58.3
			without	60.8	46.1	58.5	44.9	39.4	56.2	43.8	38.8
		2.2	with	104.5	80	100.5	78.1	69.1	96.7	76.3	68.2
			without	85	60.5	81	58.6	49.6	77.2	56.8	48.7
	B	3.7	with	168.6	115	160.4	111.4	95.4	152.7	108	93.7
			without	149.1	95.5	140.9	91.9	75.9	133.2	88.5	74.2
		5.5	with	224.8	139	213.9	134.4	109.8	203.7	130	107.7
			without	205.3	119.5	194.4	114.9	90.3	184.2	110.5	88.2
		7.5	with	282.1	166.9	267.7	160.7	127.6	254.4	154.9	124.7
			without	262.6	147.4	248.2	141.2	108.1	234.9	135.4	105.2

480V Drive Loss Summary (Continued)

	Frame Size	Rated Output Power, ND (kW)	Power Supply	Operation Points							
				(90/100)	(90/50)	(50/100)	(50/50)	(50/25)	(0/100)	(0/50)	(0/25)
Percentage of Rated Apparent Power (%)	A	0.75	with	3.4	3.0	3.4	3.0	2.8	3.3	2.9	2.8
			without	2.4	1.9	2.3	1.9	1.7	2.2	1.9	1.7
		1.5	with	2.5	2.1	2.5	2.0	1.9	2.4	2.0	1.8
			without	1.9	1.5	1.8	1.4	1.2	1.8	1.4	1.2
		2.2	with	2.2	1.7	2.1	1.6	1.5	2.0	1.6	1.4
			without	1.8	1.3	1.7	1.2	1.0	1.6	1.2	1.0
	B	3.7	with	2.0	1.4	1.9	1.3	1.1	1.8	1.3	1.1
			without	1.8	1.1	1.7	1.1	0.9	1.6	1.1	0.9
		5.5	with	2.2	1.3	2.1	1.3	1.1	2.0	1.3	1.0
			without	2.0	1.2	1.9	1.1	0.9	1.8	1.1	0.9
		7.5	with	2.1	1.2	2.0	1.2	0.9	1.9	1.1	0.9
			without	1.9	1.1	1.8	1.0	0.8	1.7	1.0	0.8

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation. You can view or download publications at rok.auto/literature.

Resource	Description
EtherNet/IP Network Devices User Manual, ENET-UM006	Describes how to configure and use EtherNet/IP devices to communicate on the EtherNet/IP network.
Ethernet Reference Manual, ENET-RM002	Describes basic Ethernet concepts, infrastructure components, and infrastructure features.
System Security Design Guidelines Reference Manual, SECURE-RM001	Provides guidance on how to conduct security assessments, implement Rockwell Automation products in a secure system, harden the control system, manage user access, and dispose of equipment.
UL Standards Listing for Industrial Control Products, publication CMPNTS-SR002	Assists original equipment manufacturers (OEMs) with construction of panels, to help ensure that they conform to the requirements of Underwriters Laboratories.
American Standards, Configurations, and Ratings: Introduction to Motor Circuit Design, publication IC-AT001	Provides an overview of American motor circuit design based on methods that are outlined in the NEC.
Industrial Components Preventive Maintenance, Enclosures, and Contact Ratings Specifications, publication IC-TD002	Provides a quick reference tool for Allen-Bradley industrial automation controls and assemblies.
Safety Guidelines for the Application, Installation, and Maintenance of Solid-state Control, publication SGI-1.1	Designed to harmonize with NEMA Standards Publication No. ICS 1.1-1987 and provides general guidelines for the application, installation, and maintenance of solid-state control in the form of individual devices or packaged assemblies incorporating solid-state components.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
ProposalWorks™ configuration software, rok.auto/systemtools	Helps configure complete, valid catalog numbers and build complete quotes based on detailed product information.
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