PRODUCT DATASHEET

Technical Particulars			CSSD400DM3/DM4
IEC Standard			IEC 60947-3
Rated Operational Voltage (Ue), Rated Insulation Voltage (Ui)		V	1000
Dielectric Strength	50Hz, 1min	kV	10
Rated Impulse Withstand Voltage		kV	12
Rated Thermal Current in Ambient 40° C	Open Execution	A	400
	In enclosure	A	400
Minimum Conductor Cross Section	Cu	mm^2	240
Rated Operational Current, AC-21A	upto 415V AC	A	400
	440V - 690V		400
	1000V	A	400
Rated Operational Current, AC-22A	upto 415V AC	A	400
	440V - 500V	A	400
	690V	A	400
	1000		315
Rated Operational Current, AC-23A	upto 415V AC	A	400
	440V	A	400
	500V	A	400
	690V	A	350
	1000V	A	125
Rated Operational Current / Poles in Series, DC-21A	upto 48V	A	400/2
	110V	A	400/2
	220V	A	
	440	A	
	750	A	
Rated Operational Current / Poles in Series, DC-22A	upto 48V	A	400/2
	110V	A	400/2
	220V	A	400/2
	440	A	
	750	A	
Rated Operational Current / Poles in Series, DC-23A	upto 48V	A	400/2
	110V	A	400/2
	220V	A	400/2
	440	A	400/3
	750	A	
Rated Operational Power, AC-23, (The KW ratings are accurate for 3 Phase 1500RPM standard asynchronous motors)	220-240V	Kw	132
	400-415V	Kw	200
	440V	Kw	200
	500V	Kw	315
	690V	Kw	315
Rated Breaking Capacity, AC-23	upto 415V	A	3200
	440V	A	3200
	500V	A	3200
	690V	A	2800
Rated Breaking Capacity, DC-23	upto 48V	A	
	110V	A	
	220V	A	
	440	A	
	750	A	
(Rated conditional (fused) short circuit current r.m.s and corresponding cut -off current of the fuse in single phase.)Cut Off / Back Up fuse rating	50kA, 415V	kA	36 400
	50kA, 500V	kA	36 400
	50kA, 690V	kA	36 400
	80kA, 500V	kA	42 400
Rated Short Time Withstand Current, (RMS Value, Icw)	0.2sec	kA	17.5
	690V, 1s	kA	8
Rated Short Circuit Making Capacity, (Peak Value, Icm)	690V/ 500V	kA	35
Rated Capacitor Power, (the capacitor ratings are limited by the fuse links)	400V - 415V AC	Kvar	180
Power Loss / pole @ rated operational current		watt	13
Mechanical Endurance (divide by 2 for operational cycles)		operations	10000
Electrical Endurance @ 0.65 pf	415V	operations	1000
Weight without accessories (with handle & shaft)	3P	kg	3.3
	4P	kg	4