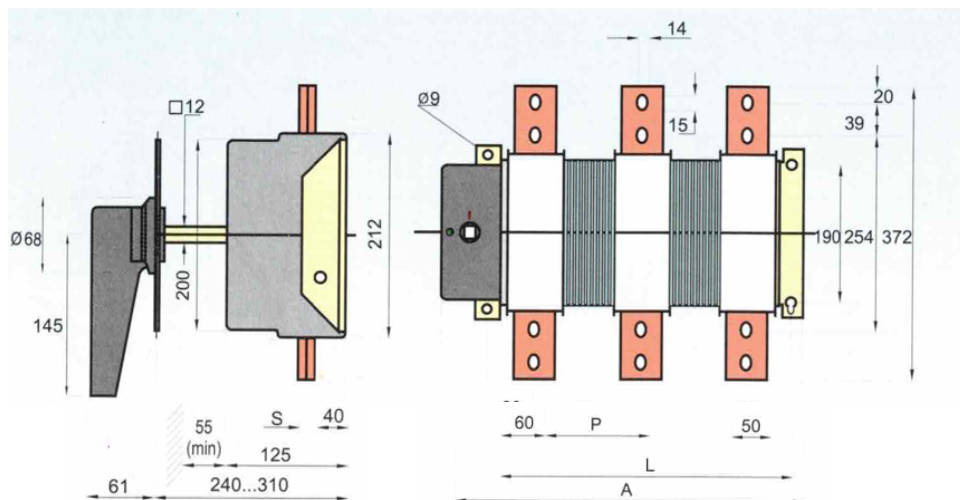




PRODUCT DATASHEET

Technical Data			CSSD1250K3
IEC Standard			IEC 60947-3
Rated insulation and operational Voltage AC-20 & DC-20 (pollution degree 3)	50/60Hz	V	1000
Dielectric Strength		kV	8
Rated Impulse Withstand Voltage		kV	12
Rated Thermal Current in Ambient 40° C	Open Execution	A	1250
	In enclosure	A	1250
Minimum Conductor Cross Section	Cu	mm ²	2 x (80X5)
Rated Operational Current, AC-21A	upto 415V AC	A	1250
	440V - 690V		1250
	1000V	A	1250
Rated Operational Current, AC-22A	upto 415V AC	A	1250
	440V - 500V	A	1250
	690V	A	-
	1000		-
Rated Operational Current, AC-23A	upto 415V AC	A	1000
	440V	A	-
	500V	A	-
	690V	A	-
Rated Operational Current / Poles in Series, DC-21A	upto 48V	A	1250/1
	110V	A	1250/2
	220V	A	-
	440	A	-
			-
Rated Operational Current / Poles in Series, DC-22A	upto 48V	A	-
	110V	A	-
	220V	A	-
	440	A	-
			-
Rated Operational Current / Poles in Series, DC-23A	upto 48V	A	-
	110V	A	-
	220V	A	-
	440	A	-
	750	A	-
Rated Operational Power, AC-23, (The KW ratings are accurate for 3 Phase 1500RPM standard asynchronous motors)	220-240V	Kw	250
	400-415V	Kw	400
	440V	Kw	400
	500V	Kw	450
	690V	Kw	-
Rated Breaking Capacity, AC-23	upto 415V	A	8000
	440V	A	
	500V	A	
	690V	A	2500
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	-
	50kA, 500V	kA	-
	50kA, 690V	kA	-
	100kA, 500V	kA	-
Rated Short Time Withstand Current, (RMS Value, I _{cw})	0.2sec	kA	100
	690V, 1s	kA	50
Rated Short Circuit Making Capacity, (Peak Value, I _{cm})	690V/ 500V	kA	105
Rated Capacitor Power, (the capacitor ratings are limited by the fuse links)	400V - 415V AC	Kvar	-
Power Loss / pole @ rated operational current		watt	40
Mechanical Endurance (divide by 2 for operational cycles)		operations	6000
Electrical Endurance @ 0.65 pf	415V	operations	500
Terminal suitable for cable lug size(Cu-wire suitable for terminal clamp)		Sq mm	M12x60
Terminal tightening torque (Counter torque required)		Nm	20...35
Operational torque (3-pole switch-disconnector)		Nm	21



Rating	A 3P	L 3P	P	S
1250A	343	278	80	12

CSSD1250K3



Weight without accessories (with handle & shaft) 16.3kg