

SPECIFICATION FOR INVIDIA



Rated Current (A)	63	100	125	160
Number of Poles	3P,4P (Neutral pole on left)			
Utilization Category	A			
Rated Operational Voltage	690 V			
Rated Insulation Voltage	750 V			
Rated Impulse Withstand Voltage	8 kV			
Rated Frequency	50/60 Hz			

Rated Breaking Capacity (AC) : Ics = Icu = 100%			
63/100/125/160A			
IEC-60947- 2	Ics=Icu (kA)	220/240 V	40
		380/415 V	25
		440/460 V	22
		480/500 V	20
		660/690 V	5

Performance Parameters	
Mechanical Life (Operating Cycles)	25,000
Electrical Life @415 V (Operating Cycles) @1.0 In	10,000
Weight: 3 Pole (630 A/ 800 A)	1.5 kg
Weight: 4 Pole (630 A/ 800 A)	1.8 kg
Total Operating Time	<10 ms
Load line Biasing	No Load line biasing
Ref. Ambience Temperature	40° C
Operating Temperature	-5° to 70°C (No de-rating till 55 °C)
Pollution Degree	III
Protection Degree (Front)	IP20

Termination			
Finger Proof Termination		Yes, from Front (IP 20)	
Terminal Capacity	Front Terminal	Max Link Width (mm)	20
		Link Thickness (mm)	3 to 10
	Spreader	Max Link Width (mm)	20
Clearances	Phase to Phase in mm	10 without spreader	
	Phase to Ground in mm	20 with spreader	
Phase barrier length (mm)		100	
Termination Hardware		Allen Head M6 class 8.8	
Tightening Torque (Nm)		6 Nm	

Trip Unit	
Release	Thermal magnetic trip unit
Thermal trip setting	0.8 - 1In
Magnetic trip setting	10In

Dimensions & Mounting			
Mounting Position	Vertical & 90° (All four direction)		
Dimensions	W	H	D
3 Pole	90	140	86
4 Pole	120	140	86