

SPECIFICATION FOR ELEGNA



<u>TECHNICAL DETAILS - MCB</u>	
Product or component type	Miniature Circuit Breaker (MCB)
Poles description	SP, DP, SPN, TP, FP & TPN
Rated current [In]	6A, 10A, 16A, 20A, 25A, 32A, 40A, & 63A
Network type	AC
Tripping technology	Thermal & Magnetic
Range of instantaneous tripping current	B, C
Network frequency	50 Hz
Rated operational voltage [Ue]	240/415 V AC

Magnetic tripping limit	B Type 3 In to 5 In (Rated Current) C Type 5 In to 10 In (Rated current)
Breaking capacity	10 kA I _{cn} conforming to IS/IEC 60898-1
Rated service breaking capacity [I_{cs}]	7.5 kA conforming to IS/IEC 60898-1
Energy limitation class	3 conforming to IEC 60898-1
Rated impulse withstand voltage [U_{imp}]	4 kV conforming to IS/IEC 60898-1
Rated insulation voltage	660 V
Ambient temperature	-5°C to +40°C
Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Method of mounting	Panel board type
Mounting support	35 mm DIN rail
Method of Connection	Screw in Type, the electrical connections of which are not associated with mechanical mounting
Size of screw Terminal	M5* 0.8mm
Type of terminal	Screw type terminal for external copper conductors
Terminals Capacity	35 mm ² max
Tightening torque	2 Nm
Standards	IS/IEC 60898-1
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	II