

QUICK PROTECTION RELAY SELECTION GUIDE



MOTOR PROTECTION RELAYS	LA	KA	KD	MA	NewCode	KG
Dimensions in mm L x W x H	150 X 95 X 130	101 X 90 X 117	105 X 60 X 150	150 X 85 X 154	100 X 45 X 113	105 X 60 X 150
Overloading	X	X	X	X	X	X
Thermal Memory	X	X	X	X	X	X
Locked Rotor on Start	X	X	X	X	X	X
Unbalance Load	X	X	X	X	X	X
Phase Loss	X	X	X	X	X	X
Latched LED Trip Indication	X	X	X	X	X	X
Overload Auto Reset	X	X	X	X	X	X
Earth Leakage			X	X	X	X
Short Circuit			X	X	X	X
Locked Rotor while Running (Jam)			X	X	X	X
Load Loss (Dry Run)		X	X	X	X	X
4 to 20 mA Output Loop for Motor Load					X	X
Phase Rotation		X	X	X	X	X
MCCB / Contactor Co-ordinated Tripping			X	X	X	X
Overvoltage		X	X	X	X	X
Undervoltage		X	X	X	X	X
Voltage Phase Symmetry		X	X	X	X	X
Re-start Timer for Load Loss			X	X	X	
Starts Per Hour			X		X	X
Power Factor Measurement			X		X	X
Real Power Used					X	X
Apparent Power Used			X		X	X
Earth Fault			X	X	X	X
Earth Insulation Lockout			X		X	X
Fault & Event Records			X	X	X	X
Integrated Starter Logic					X	X
Field Inputs				X	X	X
Programmable Output Contact			X	X	X	X
Uploadable Event and Fault Records			X	X	X	X
Multi Protocol Field Bus Communications				X	X	X
Profibus DP (DPV0)				X		X
Profibus DP (DPV1)					X	X
Modbus				X	X	X
Canbus				X	X	
Rapid reconfiguration memory module					X	X
RTD PTC				X	X	
RTD PT 100					X	
RTD PT 1000					X	
Expandable I/O Module					X	X
Door Mounted MMI			X	X	X	
Harmonic Trip & Analyze						X
Breaker Failure						X
Reset Logic						X
Bluetooth Communication via App						X