



Main

Relay application	Motor
Range of product	Sepam series 20
Device short name	M20
Control and monitoring type	Circuit breaker/contactors control ANSI code: 94/69 (option) Latching/acknowledgement ANSI code: 86 Logic discrimination ANSI code: 68 (option) Switching of groups of settings Annunciation ANSI code: 30
Metering type	Phase current I1, I2, I3 RMS, residual current I0 Demand current I1, I2, I3, peak demand current IM1, IM2, IM3 Temperature (option)
Network and machine diagnosis type	Unbalance ratio/negative sequence current Ii Disturbance recording Thermal capacity used Remaining operating time before overload tripping Waiting time after overload tripping Running hours counter/operating time Starting current and time Start inhibit time, number of starts before inhibition Tripping context
Switchgear diagnosis type	Cumulative breaking current Trip circuit supervision (option) Number of operations, operating time charging time (option)

Complementary

Type of measurement	Temperature Current
Protection type	Thermal overload protection ANSI code: 49RMS Temperature monitoring (8 RTDs) ANSI code: 38/49T (option) Phase undercurrent ANSI code: 37 Excessive starting time, locked rotor ANSI code: 48/51LR/14 Starts per hour ANSI code: 66 Phase overcurrent ANSI code: 50/51 Earth fault/sensitive earth fault ANSI code: 50N/51N Earth fault/sensitive earth fault ANSI code: 50G/51G Negative sequence/unbalance ANSI code: 46
Communication port protocol	Measurement readout (option) : Modbus Remote indication and time tagging of events (option) : Modbus Remote control orders (option) : Modbus

Remote protection setting (option) : Modbus
Transfer of disturbance recording data (option) : Modbus

Input output max capacity	10 inputs + 8 outputs
Communication compatibility	IEC 60870-5-103 DNP3 Modbus RTU IEC 61850
User machine interface type	Advanced Remote Without

Packing Units

Package 1 Weight	0.001 kg
Package 1 Height	0.010 dm
Package 1 width	0.010 dm
Package 1 Length	0.020 dm