



### 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	Trip circuit supervision ( option ) Number of operations, operating time charging time ( option ) Cumulative breaking current

### Complementary

Type of measurement	Current Temperature
Protection type	Earth fault/sensitive earth fault ANSI code: 50N/51N Earth fault/sensitive earth fault ANSI code: 50G/51G Negative sequence/unbalance ANSI code: 46 Excessive starting time, locked rotor ANSI code: 48/51LR/14 Phase overcurrent ANSI code: 50/51 Phase undercurrent ANSI code: 37 Starts per hour ANSI code: 66 Temperature monitoring ( 8 RTDs ) ( option ) ANSI code: 38/49T Thermal overload protection ANSI code: 49RMS
Communication port protocol	Measurement readout ( option ) : Modbus Remote control orders ( option ) : Modbus Remote indication and time tagging of events ( 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 IEC 61850 Modbus RTU
User machine interface type	Without Advanced Remote

### Offer Sustainability

Product environmental profile	Available  <a href="#">Product environmental</a>
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