



Main

Relay application	Motor
Range of product	Sepam series 40
Device short name	M41
Control and monitoring type	Latching/Acknowledgement ANSI code: 86 Logic discrimination ANSI code: 68 (option) Switching of groups of settings Annunciation ANSI code: 30 Circuit breaker/contactors control ANSI code: 94/69 Logic equation editor 100 operators
Metering type	Phase current I1, I2, I3 RMS, residual current I0 Demand current I1, I2, I3, peak demand current IM1, IM2, IM3 Temperature (option) Voltage U21, U32, U13, V1, V2, V3, residual voltage V0 Frequency Positive sequence voltage Vd/rotation direction-negative sequence voltage Vi Active, reactive, apparent power P,Q,S-peak demand power PM, QM, power factor Calculated active and reactive energy (+/- W.h, +/- VAR.h) Active and reactive energy by pulse counting (+/- W.h, +/- VAR.h) (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 Phase displacement
Switchgear diagnosis type	Trip circuit supervision (option) Number of operations, operating time charging time (option) CT/VT supervision ANSI code: 60FL Cumulative breaking current

Complementary

Type of measurement	Power (P,Q) Peak demand power Voltage Current Frequency Temperature Power factor
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Energy

Protection type	Overvoltage protection ANSI code: 59 Directional earth fault ANSI code: 67N/67NC Temperature monitoring (8 or 16 RTDs) (option) ANSI code: 38/49T Positive sequence undervoltage ANSI code: 27D Directional reactive overpower ANSI code: 32Q/40 Earth fault/sensitive earth fault ANSI code: 50N/51N Earth fault/sensitive earth fault ANSI code: 50G/51G Negative sequence/unbalance ANSI code: 46 Remanent undervoltage ANSI code: 27R Overfrequency ANSI code: 81H Underfrequency ANSI code: 81L Negative sequence overvoltage ANSI code: 47 Directional active overpower ANSI code: 32P Breaker failure ANSI code: 50BF Excessive starting time, locked rotor ANSI code: 48/51LR/14 Neutral voltage displacement ANSI code: 59N Phase overcurrent ANSI code: 50/51 Phase undercurrent ANSI code: 37 Starts per hour ANSI code: 66 Thermal overload protection ANSI code: 49RMS Undervoltage protection ANSI code: 27/27S
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	DNP3 IEC 60870-5-103 IEC 61850 Modbus RTU Modbus TCPIP
User machine interface type	Advanced Without Remote

Offer Sustainability

Product environmental profile	Available  Product environmental
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