Product datasheet

Specifications

motor - M20 - Sepam series 20

59622

⊘ **Discontinued on:** 01-Nov-2020

⊘ **Discontinued**

Main

Relay application	Motor
Range of product	Sepam series 20
Device short name	M20
Control and monitoring type	Circuit breaker/contactor 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 (2) Temperature monitoring (8 RTDs) ANSI code: 38/49T (option) Phase undercurrent ANSI code: 37 (1) Excessive starting time, locked rotor ANSI code: 48/51LR/14 (1) Starts per hour ANSI code: 66 (1) Phase overcurrent ANSI code: 50/51 (4) Earth fault/sensitive earth fault ANSI code: 50N/51N (4) Earth fault/sensitive earth fault ANSI code: 50G/51G (4) Negative sequence/unbalance ANSI code: 46 (1)
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

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User machine interface type	Advanced
	Remote
	Without

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.1 cm
Package 1 Width	0.1 cm
Package 1 Length	0.2 cm
Package 1 Weight	1.0 g

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >

Well-being performance

✓ Reach Free Of Svhc

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Reach Regulation   REACh Declaration

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

EU RoHS Declaration

China Rohs Regulation   China RoHS declaration