SIRIUS 3RM1

Product Data Sheet

3RM1302-3AA04

Failsafe reversing motor starter

MAIN-CIRCUIT VOLTAGE	MOTOR POWER AT 400 V	OVERLOAD SETTING RANGE	NOMINAL AUXILIARY SUPPLY
48...500 V AC	**0.09...0.75 kW**	**0.4...2 A**	**24 V DC**

Siemens 3RM1302-3AA04 is a SIRIUS 3RM1 failsafe reversing starter combining hybrid switching, electronic overload protection and safety-related load disconnection. It serves three-phase loads with an adjustable 0.4...2 A overload setting and a documented 0.09...0.75 kW motor range at 400 V.

01 TECHNICAL DATA

Main-circuit voltage	48...500 V AC
Motor power at 400 V	0.09...0.75 kW
Overload setting range	0.4...2 A
Nominal auxiliary supply	24 V DC
Auxiliary voltage range	19.2...30 V DC
Rated insulation voltage	500 V
Impulse withstand voltage	6 kV
Maximum starting current	16 A
Safe state	Load circuit open
Stop category	Category 0 to IEC 60204-1

02 ADDITIONAL PRODUCT DATA

Safety integrity claim	SIL 3 / SILCL 3; conditions apply
Performance-level claim	PL e, Category 4; conditions apply
Main-circuit switching	Three-pole hybrid
Auxiliary changeover contacts	One
Operating temperature	-25...+60 degrees C; observe mounting derating

03 PRODUCT FUNCTION

The main circuit operates at 48...500 V AC, while the auxiliary circuit uses nominal 24 V DC. The unit has screw power terminals and push-in auxiliary terminals, a changeover contact and an open-load-circuit safe state; the stated SIL 3 and PL e capabilities depend on the complete validated safety arrangement.

04 SYSTEM COMPATIBILITY

Fit 3RM1302-3AA04 using the documented screw or 35 mm rail mounting and preserve the required upper and lower clearances. Wire the reversing commands, main circuit and safety-related disconnection according to the applicable SIRIUS arrangement.

05 REFERENCE

Siemens 3RM1302-3AA04 official product data sheet

AMIKON PRODUCT SUPPORT

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