SIMATIC ET 200SP MOTOR STARTERS

Product Data Sheet

3RK1308-0AD00-0CP0

High-feature direct motor starter

OVERLOAD ADJUSTMENT	THREE-PHASE MOTOR POWER AT 400 V	MAIN CIRCUIT VOLTAGE	RATED LOAD CURRENT
2.8 to 9 A	**1.5 to 4 kW**	**48 to 500 V AC, +/-10%**	**9 A at 400 V AC**

Siemens 3RK1308-0AD00-0CP0 is a High Feature direct-on-line motor starter for SIMATIC ET 200SP. Its hybrid three-pole switching circuit provides a 2.8-9 A electronic overload setting and covers 1.5-4 kW three-phase motors at 400 V. The starter plugs into the designated BaseUnit.

01 TECHNICAL DATA

Overload adjustment	2.8 to 9 A
Three-phase motor power at 400 V	1.5 to 4 kW
Main circuit voltage	48 to 500 V AC, +/-10%
Rated load current	9 A at 400 V AC
Control supply	24 V DC; 20.4 to 28.8 V
Switching construction	Hybrid, three main poles
Starting current limit	90 A maximum
Maximum operating frequency	1 operation per second
Rated impulse withstand	6 kV
Insulation voltage	500 V

Siemens 3RK1308-0AD00-0CP0 manufacturer specification, applicable pages 1, 2, 3, 5.

02 ADDITIONAL PRODUCT DATA

Short-circuit breaking at 400 V	55 kA, specified fuse coordination
Turn-on delay	20 ms
Turn-off delay	35 to 50 ms
Front enclosure rating	IP20
Operating ambient	-25 to 60 C, installation derating applies

03 PRODUCT FUNCTION

The main circuit accepts 48-500 V AC, while the control circuit uses 24 V DC within 20.4-28.8 V. PROFIenergy and remote firmware update are supported. Local input and control functions require the optional 3DI/LC module; the starter is the direct-start variant rather than a reversing or fail-safe variant.

04 SYSTEM COMPATIBILITY

Set electronic overload from the motor nameplate and actual duty within 2.8-9 A. Coordinate the prescribed fuse arrangement, starting current and clearances; use the documented derating for the mounting position and ambient.

05 REFERENCE

Siemens 3RK1308-0AD00-0CP0 manufacturer specification, applicable pages 1, 2, 3, 5.

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