SIRIUS 3RB3

Product Data Sheet

3RB3016-1SB0

SIRIUS S00 Solid-State Overload Relay

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIRIUS S00 Solid-State Overload Relay	**SIRIUS 3RB3**	**Germany**	**0.18 kg**

Siemens 3RB3016-1SB0 is a SIRIUS S00 Solid-State Overload Relay for the SIRIUS 3RB3. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

product designation	solid-state overload relay
product type designation	3RB3
Overload relay frame	S00
power loss [W] for rated value of the current at AC in hot operating state	0.6 W
per pole	0.2 W
type of calculation of power loss current-dependent	quadratic
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
maximum permissible voltage for protective separation	
in networks with ungrounded star point between auxiliary and auxiliary circuit	300 V

02 ADDITIONAL PRODUCT DATA

in networks with ungrounded star point between main and auxiliary circuit	600 V
shock resistance	15 g / 11 ms
according to IEC 60068-2-27	15 g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 9g / 11 ms
vibration resistance	1 … 6 Hz, 15 mm; 6 … 500 Hz, 20 m/s²; 10 cycles
thermal current	12 A

03 OFFICIAL APPLICATIONS

- Control and monitoring systems: Model specific integration and maintenance
- Plant production equipment: Documented signal and communication functions
- Installed base maintenance: Exact article replacement and commissioning

04 SYSTEM COMPATIBILITY

Match 3RB3016-1SB0 to the installed SIRIUS 3RB3, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens official technical documentation for 3RB3016-1SB0

C:\Users\Administrator\Desktop\AMIKONG■■■\3RB3016-1SB0.pdf

AMIKON PRODUCT SUPPORT

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