AS-INTERFACE K60F

Product Data Sheet

3RK1405-1BQ00-0AA3

K60F Safe Input and Standard Output Module

SAFETY-RELATED CONTACT INPUTS	STANDARD DIGITAL OUTPUTS	M12 CONNECTION SOCKETS	AS-INTERFACE SUPPLY
2	**2; not safety-related**	**4**	**26.5 to 31.5 V**

Siemens 3RK1405-1BQ00-0AA3 is a K60F AS-Interface module combining two safety-related contact inputs with two standard digital outputs. Four M12 sockets provide the field connections. The inputs accept the documented dry-contact arrangement, while the outputs are powered from the auxiliary 24 V DC supply and are not safety-related outputs.

01 TECHNICAL DATA

Safety-related contact inputs	2
Standard digital outputs	2; not safety-related
M12 connection sockets	4
AS-Interface supply	26.5 to 31.5 V
Maximum AS-Interface consumption	270 mA
I/O configuration code	7
ID and ID2 codes	B; F
Minimum contact input current	5 mA
Output supply	24 V DC auxiliary power
Rated current per output	2 A

02 ADDITIONAL PRODUCT DATA

Protection class	IP67
Operating ambient	-25 to 70 C

03 PRODUCT FUNCTION

The AS-Interface supply range is 26.5 to 31.5 V, with a maximum consumption of 270 mA. Its I/O configuration is 7, with ID and ID2 codes B and F. Each standard output is rated 2 A. Electronic short-circuit handling, inductive suppression and watchdog behavior are described in the data sheet. The IP67 module operates from -25 to 70 C with the specified mounting and connector arrangement.

04 SYSTEM COMPATIBILITY

Provide the AS-Interface supply within 26.5 to 31.5 V and the separate auxiliary supply for the outputs. Keep each output within 2 A and use contacts suitable for the stated minimum input current. Map the four M12 sockets against the Siemens connection assignment before energizing.

05 REFERENCE

Siemens 3RK1405-1BQ00-0AA3 official technical data; applicable specification pages.

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