AS-INTERFACE K60

Product Data Sheet

3RK2200-0DQ00-0AA3

Eight-input AS-i compact module

DIGITAL INPUTS	DIGITAL OUTPUTS	INPUT CIRCUIT	AS-I SUPPLY
8	**0**	**PNP, 2-wire or 3-wire**	**26.5 to 31.6 V**

Siemens 3RK2200-0DQ00-0AA3 is a K60 compact AS-Interface digital input module with eight PNP inputs and no digital outputs. Eight M12 field sockets provide the sensor connections, and the A/B-slave arrangement occupies two AS-i addresses.

01 TECHNICAL DATA

Digital inputs	8
Digital outputs	0
Input circuit	PNP, 2-wire or 3-wire
AS-i supply	26.5 to 31.6 V
Maximum AS-i current	270 mA
AS-i addresses	2
Input/output configuration	0
ID/ID2 codes	A/E
Sensor supply	20 to 30 V
Maximum sensor current	200 mA at 40 °C

02 ADDITIONAL PRODUCT DATA

Signal-one threshold	10 V minimum
Signal-one input current	6 mA minimum
Signal-zero input current	1.5 mA maximum
Field connectors	8 x M12
Protection rating	IP67

03 PRODUCT FUNCTION

The module uses a 26.5 to 31.6 V AS-i supply and provides a protected sensor supply of 20 to 30 V. Its IP67 enclosure suits distributed field installation when all connections are correctly sealed. The K60 mounting plate is a separate accessory rather than an automatically included part of the electronic module.

04 SYSTEM COMPATIBILITY

Connect compatible PNP two- or three-wire sensors through the M12 sockets. Allow for a maximum 270 mA AS-i consumption and the separate 200 mA sensor-supply limit specified at 40 °C; verify the total connected sensor demand.

05 REFERENCE

Siemens 3RK2200-0DQ00-0AA3 technical data and applicable product instructions

AMIKON PRODUCT SUPPORT

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