AS-INTERFACE K60

Product Data Sheet

3RK1400-1MQ00-0AA3

K60 Four-Input Two-Output AS-i Module

AS-I SLAVE TYPE	DIGITAL INPUTS	DIGITAL OUTPUTS	SENSOR SUPPLY RANGE
Standard	**4**	**2**	**20 to 30 V DC**

Siemens 3RK1400-1MQ00-0AA3 is a K60 AS-Interface compact module with four digital inputs and two digital outputs. It uses a standard AS-i slave configuration and six M12 field sockets with Y-II assignment. The outputs are 24 V DC PNP transistor channels rated 2 A in DC-13 duty.

01 TECHNICAL DATA

AS-i slave type	Standard
Digital inputs	4
Digital outputs	2
Sensor supply range	20 to 30 V DC
Total sensor supply at 40 degrees C	200 mA maximum
Output rated voltage	24 V DC
Output current per channel	2 A DC-13
Output technology	PNP transistor
Field sockets	6 x M12
Socket assignment	Y-II

Siemens 3RK1400-1MQ00-0AA3 official product data; applicable specification pages.

02 ADDITIONAL PRODUCT DATA

Input sensor wiring	2-wire / 3-wire
Signal-one input current	At least 6 mA
Operating ambient	-25 to +85 degrees C
Ingress protection	IP67
Shock resistance	15 g / 11 ms

03 PRODUCT FUNCTION

The sensor supply operates over 20 to 30 V DC, with a documented total sensor-current allowance of 200 mA at 40 degrees C. The module has IP67 protection and a -25 to +85 degrees C operating range. Its K60 mounting plate, 3RK1901-0CA00, is a separately ordered item.

04 SYSTEM COMPATIBILITY

Follow the Y-II socket assignment when connecting sensors and output loads. Account for the common sensor-current allowance rather than assuming 200 mA per sensor, and match each output load to the 24 V DC, 2 A DC-13 rating.

05 REFERENCE

Siemens 3RK1400-1MQ00-0AA3 official product data; applicable specification pages.

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