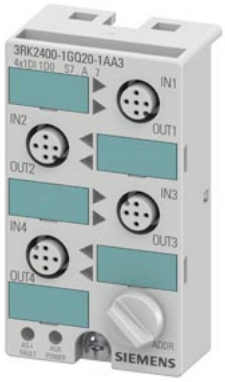
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Data sheet 3RK2400-1GQ20-1AA3



AS-i compact module K45 digital A/B slave 4 x (1 DI/1 DQ), IP67 4 x 1 input / 1 output 4 x M12 socket Total current for all inputs and outputs max. 500 mA Supply I/O from 24 V DC Mounting plate 3RK1901-2EA00 or 3RK1901-2DA00 is to be ordered separately

General technical data	
design of the product	digital I/O modules for operation in the field, IP67 - K45
design of the device type	A/B slave (Spec. 3.0)
type of electrical connection of the inputs and outputs	M12 screw-type terminals
Sensor supply	
type of voltage supply for sensor supply	via AUX POWER
input voltage	16.5 ... 30 V
property of the sensor supply short-circuit and overload resistant	Yes
ampacity of the sensor supply for all inputs	
● at ambient temperature 40 °C	650 mA
● at ambient temperature 55 °C	500 mA
Inputs	
number of digital inputs	4
type of connection technology	2- and 3-wire technology
type of voltage of the input voltages	DC
input current at digital input	
● for signal <1> minimum	6 mA
● with signal <0> maximum	1.5 mA
design of the pin assignment of the inputs	Y assignement
Outputs	
number of digital outputs	4
type of voltage of output voltages	DC
ampacity of the semiconductor output at DC-13 at 24 V	0.5 A
type of switching output	PNP transistor
design of the pin assignment of the outputs	Y assignement
property of the output short-circuit proof	Yes
Ambient conditions	
ambient temperature	
● during operation	-25 ... +85 °C
● during storage	-40 ... +85 °C
protection class IP	IP67
Mechanical data	
width	45 mm
height	80 mm
depth	30 mm
fastening method	standard rail mounting/wall mounting using mounting plate for K45 compact module
shock resistance	15 g / 11 ms

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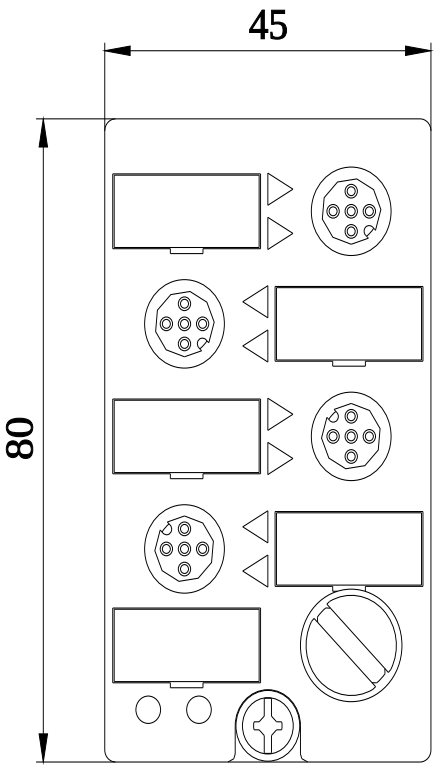
Certificates/ approvals

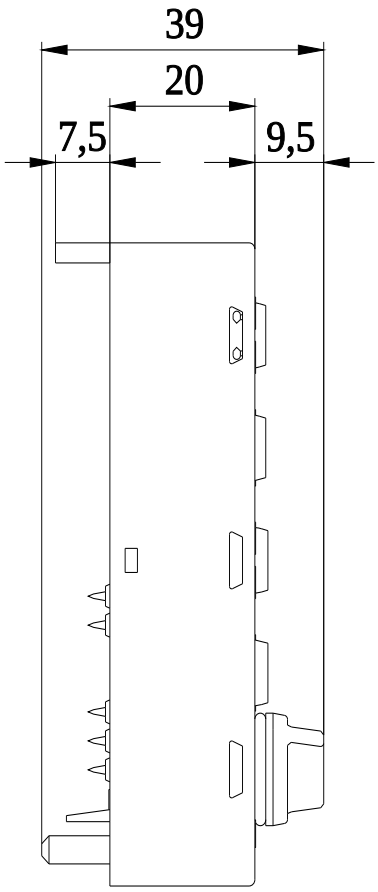
General Product Approval	EMV	other
		Miscellaneous

other	Environment	Industrial Communication
Confirmation	Environmental Confirmations	

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK2400-1GQ20-1AA3
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2400-1GQ20-1AA3
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK2400-1GQ20-1AA3
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2400-1GQ20-1AA3&lang=en





last modified: 4/4/2026

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