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Data sheet 3RK2400-1BQ30-0AA3



AS-i compact module K20 digital A/B slave, 2 DI/2 DQ, IP67 2 x input, maximum 150 mA 2 x output, 1 A 24 V DC max. 1 A for all outputs 2 x M12 sockets with Y assignment

General technical data	
design of the product	digital I/O modules for operation in the field, IP67 - K20
design of the device type	A/B slave
type of electrical connection of the inputs and outputs	M12 screw-type terminals
Sensor supply	
type of voltage supply for sensor supply	using AS-Interface
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	150 mA
● at ambient temperature 55 °C	70 mA
Inputs	
number of digital inputs	2
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	2
type of voltage of output voltages	DC
ampacity of the semiconductor output at DC-13 at 24 V	1 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 ... +70 °C
● during storage	-40 ... +85 °C
protection class IP	IP67
Mechanical data	
width	20 mm
height	108 mm
depth	45 mm
fastening method	no mounting plate required
shock resistance	15 g / 11 ms
Certificates/ approvals	

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General Product Approval	EMV

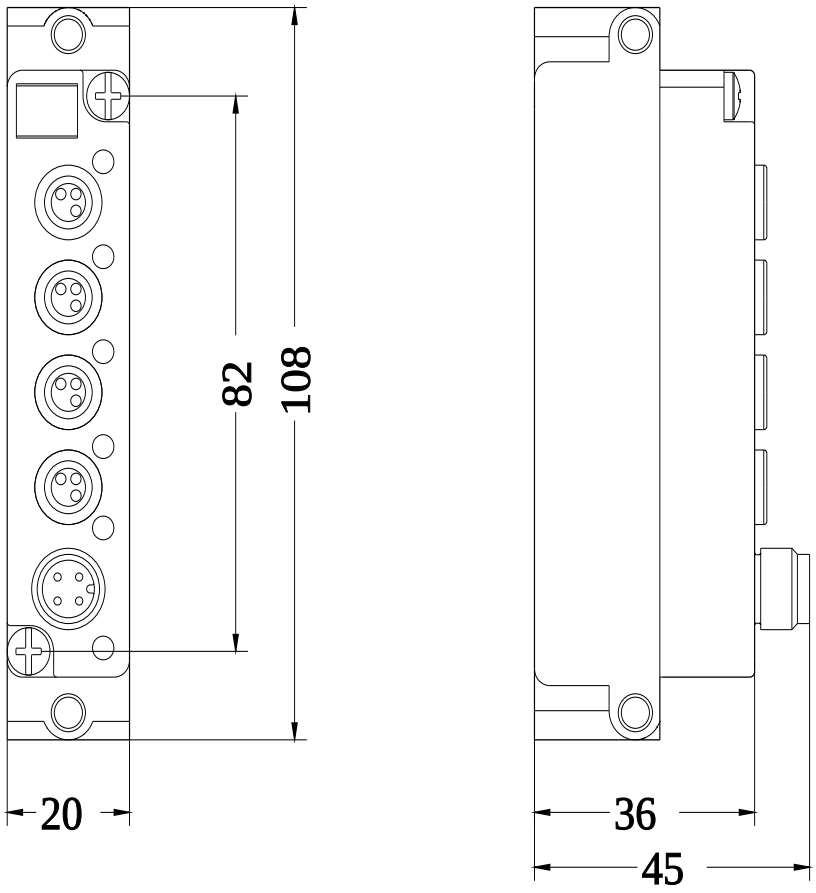
Test Certificates	Maritime application	other
Special Test Certific-ate		Miscellaneous

other	Environment	Industrial Communication
Confirmation	Environmental Con-firmations	

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=3RK2400-1BQ30-0AA3
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2400-1BQ30-0AA3
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK2400-1BQ30-0AA3
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2400-1BQ30-0AA3&lang=en

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