



AS-i compact module K45 digital 2 x (1 DI/1 DQ), IP67 2 x 1 input/1 output 2 x M12 socket Total current for all inputs and outputs max. 200 mA Supply I/O via U_ASI 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, IP65 - K45	
design of the device type			
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		20 ... 30 V	
property of the sensor supply short-circuit and overload resistant		Yes	
ampacity of the sensor supply for all inputs		200 mA	
• at ambient temperature 40 °C			
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			
• with signal <0> maximum			
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		0.2 A	
type of switching output		PNP transistor	
design of the pin assignment of the outputs		Y assignement	
Ambient conditions			
ambient temperature			
• during operation			
• during storage			
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	
Certificates/ approvals			
General Product Approval		EMV	Test Certificates



[Special Test Certificate](#)

Maritime application	other
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[Miscellaneous](#)

[Confirmation](#)



Environment	Industrial Communication
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[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=3RK1400-0GQ20-0AA3>

Cax online generator

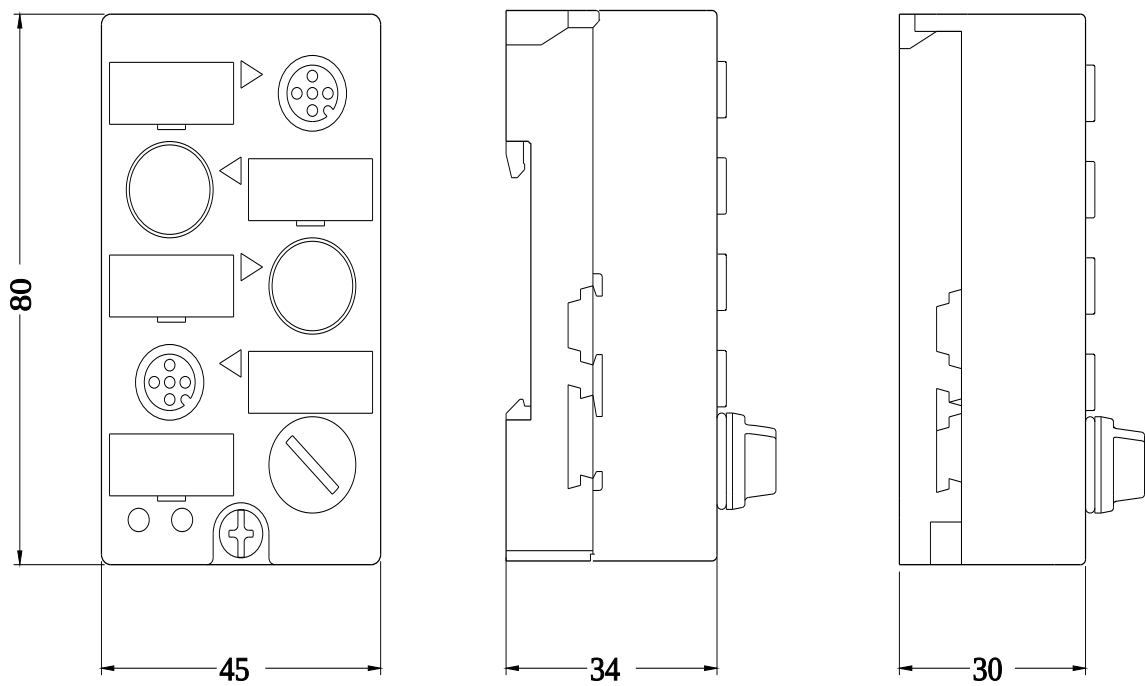
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1400-0GQ20-0AA3>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1400-0GQ20-0AA3>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1400-0GQ20-0AA3&lang=en



last modified:

4/4/2026 