



AS-i compact module K45 digital 4 DI, IP67 4 x input, maximum 200 mA 4 x M8 socket Screw version Mounting plate 3RK1901-2EA00 or 3RK1901-2DA00 must 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	standard slave	
type of electrical connection of the inputs and outputs	M8 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		
• at ambient temperature 40 °C	200 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	standard assignment	
Outputs		
number of digital outputs	0	
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	
Certificates/ approvals		
General Product Approval	EMV	Maritime application



Maritime application

other

Environment



[Miscellaneous](#)

[Confirmation](#)



[Environmental Confirmations](#)

Industrial Communication



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=3RK1200-OCT20-0AA3>

Cax online generator

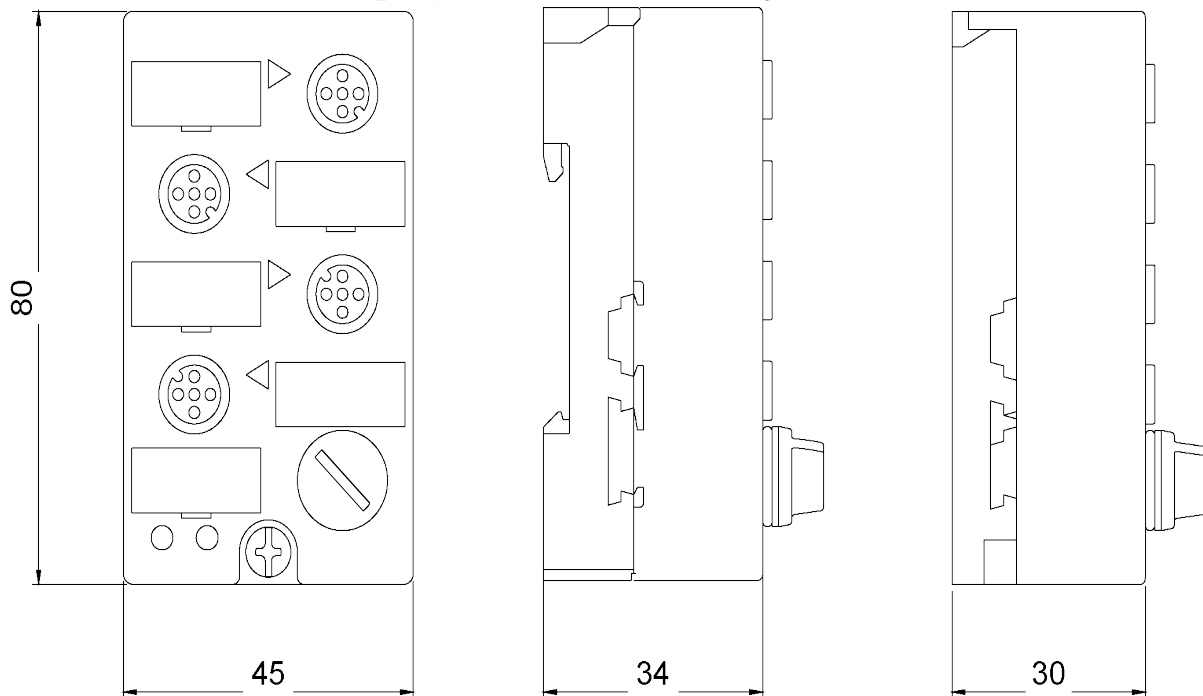
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1200-OCT20-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1200-OCT20-0AA3>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1200-OCT20-0AA3&lang=en



last modified:

4/4/2026