



ASsafe compact module K45F digital safety, 4 F-DI, IP67 4 x input for mechanical sensors 4 x M12 socket Mounting plate 3RK1901-2EA00 or 3RK1901-2DA00 must be ordered separately

General technical data			
design of the product		Safe compact module K45F, 4F-DI	
I/O configuration		0	
ID/ID2 code		B/F	
protocol is supported AS-Interface protocol		Yes	
Number I/O sockets		4	
type of electrical connection of the inputs and outputs		M12	
operating voltage according to AS-Interface specification	V	26.5 ... 31.5	
AS interface total current input max	mA	70	
Addressing		front addressing socket	
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750		A	
reference code according to EN 61346-2		A	
Inputs			
number of digital inputs safety-related		4	
Inputs			
<ul style="list-style-type: none"> • sensors • switching level High • switching level Low 		mechanical switching contact contact closed contact open	
input current at digital input for signal <1> minimum	mA	5	
design of the pin assignment of the inputs		special assignment	
Outputs			
type of voltage of output voltages		DC	
Status display			
<ul style="list-style-type: none"> • display of I/Os • display of AS-Interface/diagnostics 		yellow LED green/red LED	
Ambient conditions			
ambient temperature			
<ul style="list-style-type: none"> • during operation • during storage 	°C	-25 ... +70 -40 ... +85	
protection class IP		IP67	
Mechanical data			
width	mm	45	
height	mm	80	
depth	mm	34	
fastening method		standard rail mounting/wall mounting using mounting plate for K45 compact module	
Certificates/ approvals			
General Product Approval	EMC	Functional Safety/Safety of Machinery	Declaration of Conformity

[Confirmation](#)



[Miscellaneous](#)



Declaration of Con-
formity

Marine / Shipping

other



EG-Konf.



LRS



PRS



DNV-GL

[Confirmation](#)

other

[Miscellaneous](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3RK1205-0CQ00-0AA3>

Cax online generator

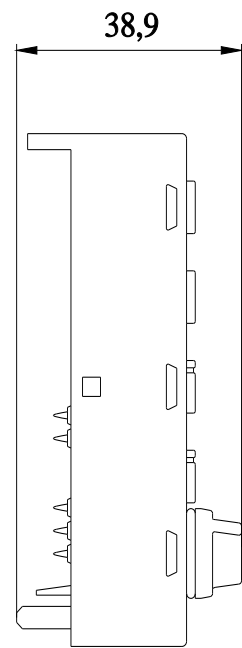
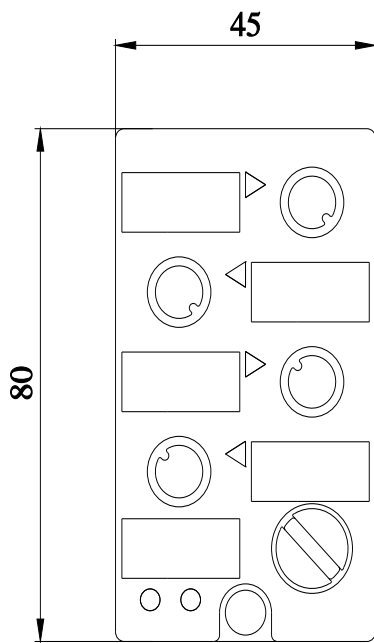
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1205-0CQ00-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1205-0CQ00-0AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1205-0CQ00-0AA3&lang=en



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