



ASIsafe 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 acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		A
Reference code acc. to DIN EN 61346-2		A

Inputs		
Number of digital inputs safety-related		4
Inputs		mechanical switching contact
<ul style="list-style-type: none"> <li>• sensors</li> </ul>		

<ul style="list-style-type: none"> <li>switching level High</li> <li>switching level Low</li> </ul>		contact closed contact open
<b>Input current at digital input for signal &lt;1&gt; minimum</b>	mA	5
<b>Design of the pin assignment of the inputs</b>		special assignement

### Outputs

<b>Type of voltage of output voltages</b>		DC
<b>Status display</b>		yellow LED green/red LED
<ul style="list-style-type: none"> <li>display of I/Os</li> <li>display of AS-Interface/diagnostics</li> </ul>		

### Ambient conditions

<b>Ambient temperature</b>		
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>	°C °C	-25 ... +70 -40 ... +85
<b>Protection class IP</b>		IP67

### Mechanical data

<b>Width</b>	mm	45
<b>Height</b>	mm	80
<b>Depth</b>	mm	34
<b>Mounting type</b>		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
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[Miscellaneous](#)



Declaration of Conformity	Shipping Approval
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[Miscellaneous](#)



Shipping Approval	other
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[Confirmation](#)

[Miscellaneous](#)

#### Further information

**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**

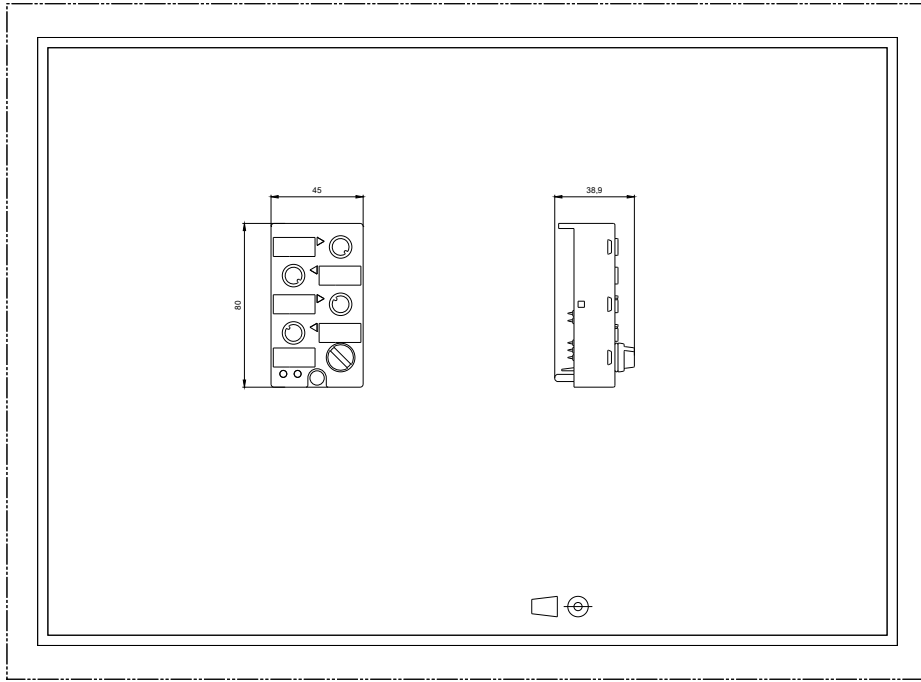
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1205-0CQ00-0AA3>

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



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