



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 I/O configuration ID/ID2 code protocol is supported AS-Interface protocol Number I/O sockets type of electrical connection of the inputs and outputs operating voltage according to AS-Interface specification AS interface total current input max Addressing reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750 reference code according to EN 61346-2	V mA	Safe compact module K45F, 4F-DI 0 B/F Yes 4 M12 26.5 ... 31.5 70 front addressing socket A A
Inputs		
number of digital inputs safety-related Inputs • sensors • switching level High • switching level Low input current at digital input for signal <1> minimum design of the pin assignment of the inputs	mA	4 mechanical switching contact contact closed contact open 5 special assignment
Outputs		
type of voltage of output voltages Status display • display of I/Os • display of AS-Interface/diagnostics		DC yellow LED green/red LED
Ambient conditions		
ambient temperature • during operation • during storage protection class IP	°C °C	-25 ... +70 -40 ... +85 IP67
Mechanical data		
width height depth fastening method	mm mm mm	45 80 34 standard rail mounting/wall mounting using mounting plate for K45 compact module
Certificates/ approvals		
General Product Approval	EMC	Functional Safety/Safety of Machinery



[Confirmation](#)



[Miscellaneous](#)

Declaration of Conformity

Marine / Shipping



EG-Konf.



LRS



PRS



RINA

Marine / Shipping

other



RMRS



DNV-GL

[Confirmation](#)

[Miscellaneous](#)

Further information

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

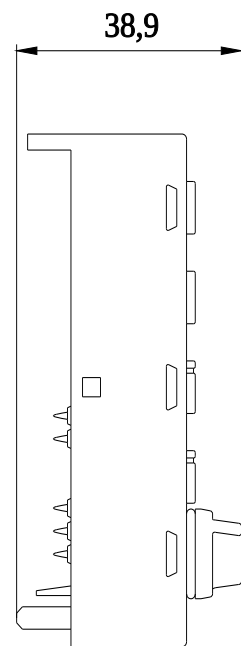
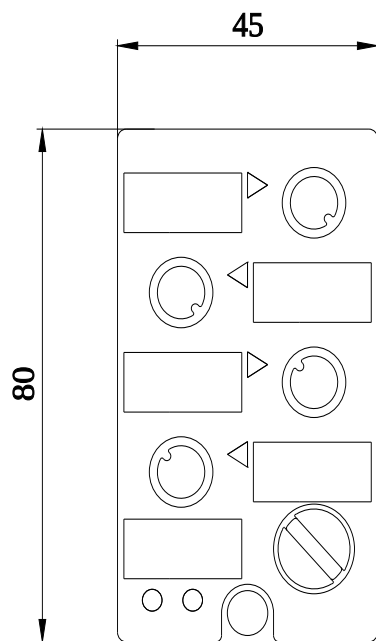
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1205-0CQ00-0AA3>

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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