



ASISAFE MODULE K45F TWO SAFE INPUTS 2FDI AND TWO STANDARD OUTPUTS 2DO MOUNTING PLATE 3RK19012EA00 TO BE ORDERED SEPARATELY (CAT.: SAFETY CATEGORY TO EN 954-1). 2 X STANDARD OUTPUTS 150MA, OUTPUT SUPPLY FROM U_ASI. 4 X M12 SOCKET. MOUNTING PLATE 3RK19012EA00 TO BE ORDERED SEPARATELY.

General technical data:

Design of the product		Safe compact module K45F, 2F-DI/2DO
Type		2 inputs, safe, 2 outputs, standard
I/O configuration		7
ID/ID2 code		B/0
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	250
Addressing		front addressing socket
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		A
Equipment marking acc. to DIN EN 61346-2		A

Inputs:

Number of digital inputs safety-related		2
Inputs		mechanical switching contact
<ul style="list-style-type: none"> • sensors • switching level High • switching level Low 		contact closed contact open
Input current at digital input for signal <1> minimum	mA	5
Design of the pin assignment of the inputs		special assignement

Outputs:

Number of digital outputs		2
Type of voltage of output voltages		DC
Outputs external power supply 24 V DC		via AS-Interface
Type of switching output		solid state
Design of the pin assignment of the outputs		standard assignement
Property of the output Short-circuit proof		Yes
Outputs		
• short-circuit protection		built-in
• induction protection		built-in
• watchdog		built-in
Status display		
• display of I/Os		yellow LED
• display of AS-Interface/diagnostics		green/red LED

Ambient conditions:

Ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
Protection class IP		IP67

Mechanical data:

Width	mm	45
Height	mm	80
Depth	mm	34
Mounting type		standard rail mounting/wall mounting using mounting plate for K45 compact module

Certificates/ approvals:

General Product Approval				Functional Safety/Safety of Machinery	Declaration of Conformity
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[Type Examination Certificate](#)



Shipping Approval					
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other			
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[Environmental Confirmations](#)

[Confirmation](#)

[Declaration of Conformity](#)

[other](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

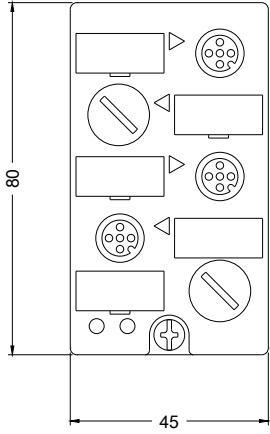
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK14050BQ200AA3>

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

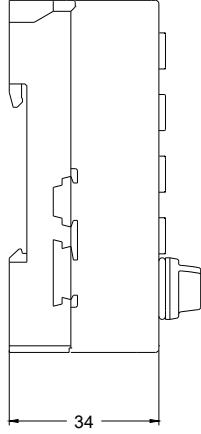
<http://support.automation.siemens.com/WW/view/en/3RK14050BQ200AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK14050BQ200AA3&lang=en>



last modified:



09.03.2015