

SAFE MODULE K45F, WITH TWO SECURE INPUTS
2FE



General technical data:

Design of the product		Safe compact module K45F, 2F-DI
Type		2 inputs, safe
I/O configuration		0
ID/ID2 code		B/F
Protocol is supported AS-interface protocol		Yes
Number I/O sockets		2
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	45
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		

<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 assignement

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
	°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:

AS-Interface certificate		yes
Approvals		UL, CSA

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	Shipping Approval
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[Miscellaneous](#)



Shipping Approval	other
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LRS



PRS



RINA



RMRS

[Confirmation](#)

other

[Environmental Confirmations](#)

[Miscellaneous](#)

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

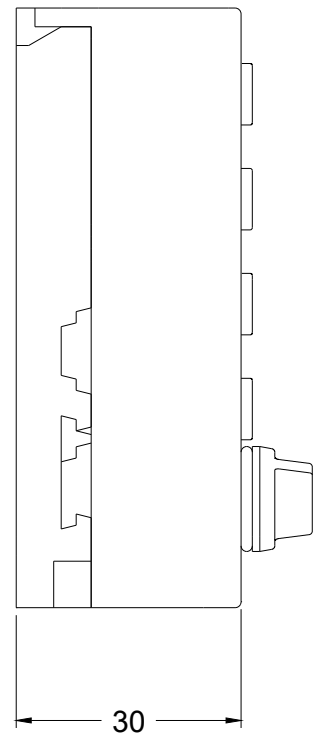
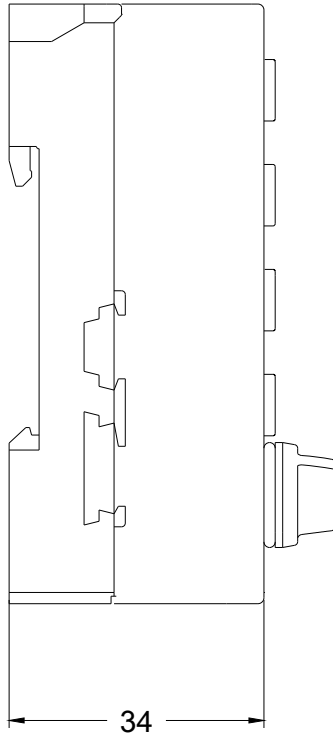
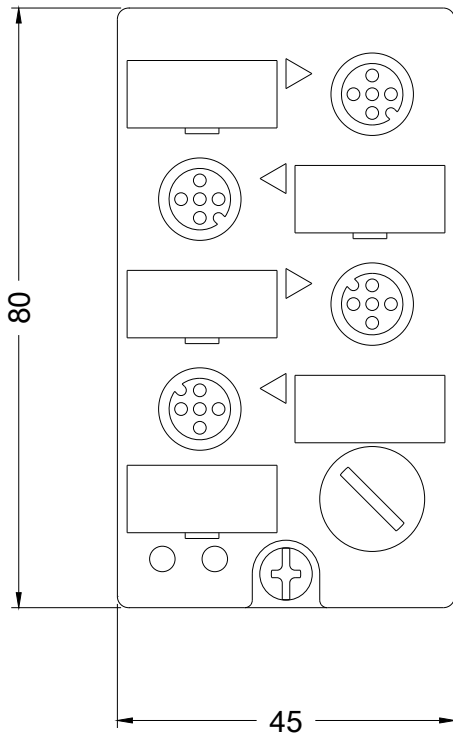
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK1205-0BQ00-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1205-0BQ00-0AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RK1205-0BQ00-0AA3&lang=en



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