



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
Design of the 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;the module retains the last address after the 15th addressing procedure
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		A
• according to DIN EN 61346-2		A

Inputs:		
Number of digital inputs / safety-related		2
Inputs		

• sensors • switching level High • switching level Low		mechanical switching contact
		contact closed
		contact open
Input current / at the digital input / for signal <1> / minimum	mA	5
Design of the pin assignment / of the inputs		special assignment

Outputs:

Voltage type / of output voltages

DC

Status display

- display of I/Os
- display of AS-Interface/diagnostics

yellow LED
green/red LED

Ambient conditions:

Ambient temperature

- during operating
- during storage

°C -25 ... +70
°C -40 ... +85

Protection class IP

IP67

Mechanical design:

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



other

[Confirmation](#)

[Declaration of
Conformity](#)

[other](#)

[Environmental
Confirmations](#)

Further information:

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

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

Industry Mall (Online ordering system)

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

CAX-Online-Generator

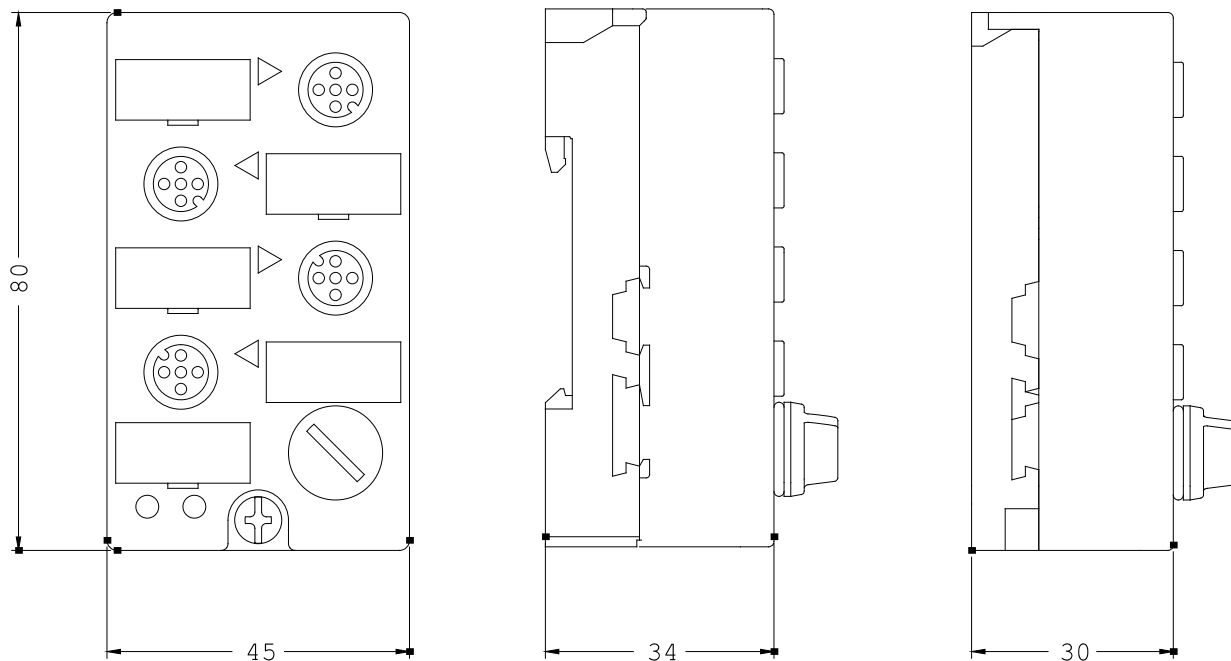
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK1205-0BQ00-0AA3/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1205-0BQ00-0AA3



last change:

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