



ASISAFE MODULE K45F TWO SAFE INPUTS 2FDI AND TWO STANDARD OUTPUTS 2DO W. AUX. VOLTAGE SUPPLY Uaux 24V DC MOUNTING PLATE 3RK19012EA00 TO BE ORDERED SEPARATELY 2 X STANDARD OUTPUTS 1A, OUTPUT SUPPLY FROM 24 V DC. 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, Uaux
Type		2 inputs, safe, 2 outputs, standard with Uaux
I/O configuration		7
ID/ID2 code		B/0
Protocol / is supported / AS interface protocol		Yes
Number / I/O sockets		4
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	70
Addressing		front addressing socket
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		mechanical switching contact

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

Outputs:		
<b>Number of digital outputs</b>		2
<b>Voltage type / of output voltages</b>		DC
<b>Outputs / external power supply 24 V DC</b>		via AUX POWER
<b>Design of the switching output</b>		solid state
<b>Design of the pin assignment / of the outputs</b>		standard assignment
<b>Characteristic feature of the output / short-circuit protected</b>		Yes
<b>Outputs</b>		
• short-circuit protection		built-in
• induction protection		built-in
• watchdog		built-in

Status display		
• display of I/Os		yellow LED
• display of Uaux		green LED
• display of AS-Interface/diagnostics		green/red LED

Ambient conditions:		
<b>Ambient temperature</b>		
• during operating	°C	-25 ... +70
• during storage	°C	-40 ... +85
<b>Protection class IP</b>		IP67

Mechanical design:		
<b>Width</b>	mm	15
<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

## General Product Approval



CSA

GOST

UL

VDE

EG-Konf.

## Shipping Approval



ABS

BUREAU  
VERITAS

LRS

PRS

RINA

RMRS

## 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

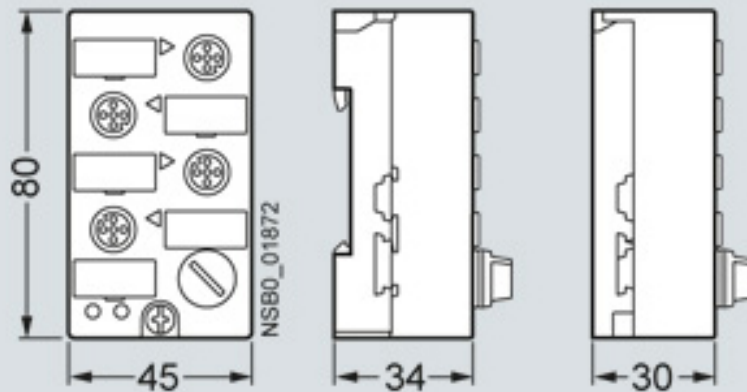
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK1405-1BQ20-0AA3/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RK1405-1BQ20-0AA3](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1405-1BQ20-0AA3)



last change:

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