



SAFE MODULE K60F,
WITH TWO SECURE INPUTS 2FE AND TWO STANDARD
OUTPUTS 2A AND AUX. VOLTAGE SUPPLY U AUX 24V
DC

General technical data:		
Design of the product		Safe compact module K60F, 2F-DI/2DO, Uaux
Type		2 inputs, safe, 2 outputs, standard with Uaux
I/O configuration		7
ID/ID2 code		B/F
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	270
Ground terminal		PIN 5 of each M12 socket is connected to the grounding wrist strap in the mounting plate using a pin (outputs only, socket 5 and 6)
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		mechanical switching contact
• switching level High		contact closed
• switching level Low		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:

Number of digital outputs		2
Voltage type / of output voltages		DC
Outputs / external power supply 24 V DC		via AUX POWER
Output current / at the digital output / for signal <1> / nominal value	A	2
Design of the switching output		solid state
Design of the pin assignment / of the outputs		standard assignment
Characteristic feature of the output / short-circuit protected		Yes
Outputs		
• 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:

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

Mechanical design:

Width	mm	60
Height	mm	152
Depth	mm	29
Mounting type		standard rail mounting/wall mounting using mounting plate for K60 compact module

Certificates/approvals:

AS-Interface certificate		yes
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Approvals

UL, CSA

General Product Approval

Functional Safety /
Safety of
Machinery

Declaration of
Conformity



CSA



GOST



UL



VDE



EG-Konf.

Shipping Approval



ABS



BUREAU
VERITAS



LRS



PRS



RINA



RMRS

other

[Confirmation](#)

[Declaration of
Conformity](#)

[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/3RK1405-1BQ00-0AA3/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1405-1BQ00-0AA3

last change:

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