



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
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	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
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:

Number of digital outputs		2
Type of voltage of output voltages		DC
Outputs external power supply 24 V DC		via AUX POWER
Output current at digital output for signal <1> Rated value	A	2
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		
<ul style="list-style-type: none"> • short-circuit protection • induction protection • watchdog 		built-in built-in built-in
Status display		
<ul style="list-style-type: none"> • display of I/Os • display of Uaux • display of AS-Interface/diagnostics 		yellow LED green LED green/red LED

Ambient conditions:

Ambient temperature		
<ul style="list-style-type: none"> • during operation • during storage 	°C °C	-25 ... +70 -40 ... +85
Protection class IP		IP67

Mechanical data:

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
Approvals		UL, CSA

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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[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/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK14051BQ000AA3>

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

<http://support.automation.siemens.com/WW/view/en/3RK14051BQ000AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK14051BQ000AA3&lang=en>

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