

SAFE MODULE K60F, WITH TWO SECURE INPUTS
2FE AND TWO STANDARD OUTPUTS 2A



General technical data:

Design of the product		Safe compact module K60F, 2F-DI/2DO
Type		2 inputs, safe, 2 outputs, standard
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
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		mechanical switching contact contact closed contact open
<ul style="list-style-type: none"> • sensors • switching level High • switching level Low 		
Input current at digital input for signal <1> minimum	mA	5
Design of the pin assignment of the inputs		special assignment

Outputs:		
Number of digital outputs		2
Type of voltage of output voltages		DC
Outputs external power supply 24 V DC		via AS-Interface
Output current at digital output for signal <1> Rated value	A	0.18
Type of switching output		solid state
Design of the pin assignment of the outputs		standard assignment
Property of the output Short-circuit proof		Yes
Outputs		built-in built-in built-in
<ul style="list-style-type: none"> • short-circuit protection • induction protection • watchdog 		
Status display		yellow LED green/red LED
<ul style="list-style-type: none"> • display of I/Os • display of AS-Interface/diagnostics 		

Ambient conditions:		
Ambient temperature		
<ul style="list-style-type: none"> • during operation • during storage 	°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
--------------------------	---------------------------------------	---------------------------



[Miscellaneous](#)



Shipping Approval



other

[Environmental Confirmations](#)

[Confirmation](#)

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=3RK1405-0BQ00-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1405-0BQ00-0AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RK1405-0BQ00-0AA3&lang=en

last modified:

08/02/2017