



ASsafe compact module K60F digital safety, 2 F-DI/2 DQ, IP67 2 x input for mechanical sensors 2 x standard output 24 V DC Output supply from 24 V DC 4 x M12 socket Mounting plate 3RK1901-0CA00 must be ordered separately

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 screw terminals
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
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750		A
reference code according to 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
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 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 assignment
property of the output short-circuit proof		Yes
Outputs		<ul style="list-style-type: none"> • short-circuit protection • induction protection • watchdog
Status display		<ul style="list-style-type: none"> • display of I/Os • display of Uaux • display of AS-Interface/diagnostics
		<ul style="list-style-type: none"> yellow LED green LED green/red LED

Ambient conditions		
ambient temperature	• during operation	°C -25 ... +70
	• during storage	°C -40 ... +85
protection class IP		IP67
Mechanical data		
width	mm	60
height	mm	152
depth	mm	29
fastening method		standard rail mounting/wall mounting using mounting plate for K60 compact module
Certificates/ approvals		
General Product Approval	EMV	Maritime application



Maritime application	other	Environment
		Confirmation
		Environmental Confirmations

Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage
<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1405-1BQ00-0AA3>

Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1405-1BQ00-0AA3>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RK1405-1BQ00-0AA3>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1405-1BQ00-0AA3&lang=en

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