

AS-INTERF. COMP. MOD. IP67 DIGITAL, 4O, 4 X 1 OUT.,ELECTR., 2A, 24 V DC 4 X M12-STANDARD-SOCKET FOR CONNECTING OUTPUTS MOUNTING PLATE 3RK19010CA0 TO BE ORDERED SEPARATELY



Figure similar

General technical data:		
Design of the product		digital I/O modules for operation in the field, IP67 - K60
Type		4 outputs
Design of the slave type		standard slave
I/O configuration		8
ID/ID2 code		1/F
Number I/O sockets		4
Type of electrical connection of the inputs and outputs		M12 screw-type terminals
AS interface total current input max	mA	270
operating voltage according to AS-Interface spezifikation	V	26.5 ... 31.6
Ground terminal		PIN5 of each M12 socket is connected to the grounding wrist strap in the mounting plate using a pin
Addressing		front addressing socket
Delivery note		the modules are delivered without mounting plate

Note 1		All K60 compact modules are delivered with stainless steel screws/sockets
Note 2		An external additional supply (AUX POWER) of 20 to 30 V DC is required for the supply of the output circuits. The additional supply must comply with VDE 0106 (PELV), protection class III.

Sensor supply:

Input voltage	V	20 ... 30
Ampacity of the sensor supply for all inputs		
at ambient temperature 40 °C	mA	200

Inputs:

Number of digital inputs		0
Type of connection		2- and 3-wire technology
Input circuit		PNP transistor
Type of voltage of the input voltages		DC
Inputs switching level High min	V	10
Input current at digital input		
for signal <1> minimum	mA	6
with signal <0> maximum	mA	1.5
Inputs		
sensor supply using AS-Interface		short-circuit and overload resistant
Design of the pin assignment of the inputs		Y-II assignement

Outputs:

Number of digital outputs		4
Type of voltage of output voltages		DC
Outputs external power supply 24 V DC		using black AS-Interface flat cable
Output current at digital output for signal <1> Rated value	A	2
Outputs aggregate current max	A	4
Type of switching output		PNP transistor
Design of the pin assignment of the outputs		Y-II assignement
Outputs socket assignment		3 = "-", 2/4 = output, 5 = ground terminal
Property of the output Short-circuit proof		Yes
Outputs		
short-circuit protection		built-in
induction protection		built-in
watchdog		built-in

Assignment of the data bits:

Assignment of data bits		
socket		not assigned (closed)
socket 2		not assigned (closed)
socket 3		not assigned (closed)

- socket 4
- socket 5
- socket 6
- socket 7
- socket 8

not assigned (closed)
 PIN4 = OUT1 (D0), PIN2 = OUT2 (D1)
 PIN4 = OUT2 (D1)
 PIN4 = OUT3 (D2), PIN2 = OUT4 (D3)
 PIN4 = OUT4 (D3)

Ambient conditions:

Ambient temperature

- during operation
- during storage

°C

-25 ... +85

°C

-40 ... +85

Protection class IP

IP67

Display:

Status display

- display of I/Os
- display of Uaux
- display of AS-Interface/diagnostics

yellow LED
 green LED
 green/red LED

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 (or requested for in case of new units)

Approvals

UL, CSA, shipbuilding (or requested for in case of new units)

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	Shipping Approval
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Shipping Approval



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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

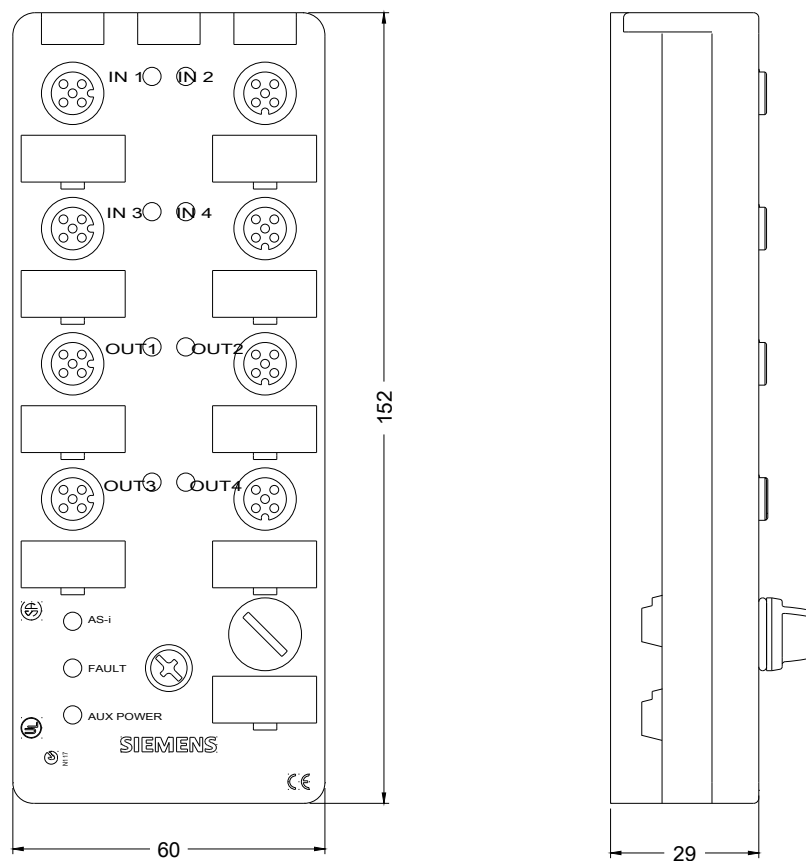
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1100-1CQ00-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1100-1CQ00-0AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1100-1CQ00-0AA3&lang=en



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