



AS-INTERFACE COMPACT MOD. IP67 DIGITAL, 4A 4 X 1 OUTP.,ELECTR., 2A, DC 24V 4 X M12 STANDARD SOCKET TO CONNECT OUTPUTS MOUNTING PLATE 3RK19010CA0 TO BE ORDERED SEPARATELY

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 specification	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
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Ampacity of the sensor supply for all inputs <ul style="list-style-type: none"> at ambient temperature 40 °C 	mA	200
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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 <ul style="list-style-type: none"> for signal <1> minimum with signal <0> maximum 	mA mA	6 1.5
Inputs <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> short-circuit protection induction protection watchdog 		built-in built-in built-in

Assignment of the data bits:

Assignment of data bits <ul style="list-style-type: none"> socket socket 2 socket 3 socket 4 socket 5 socket 6 socket 7 socket 8 		not assigned (closed) not assigned (closed) not assigned (closed) not assigned (closed) PIN4 = OUT1 (D0), PIN2 = OUT2 (D1) PIN4 = OUT2 (D1) PIN4 = OUT3 (D2), PIN2 = OUT4 (D3) PIN4 = OUT4 (D3)
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Ambient conditions:

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

Display:

Status display		
• display of I/Os		yellow LED
• display of Uaux		green LED
• display of AS-Interface/diagnostics		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



Shipping Approval



[Environmental Confirmations](#)

other

[Declaration of Conformity](#)

[Confirmation](#)

[other](#)

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

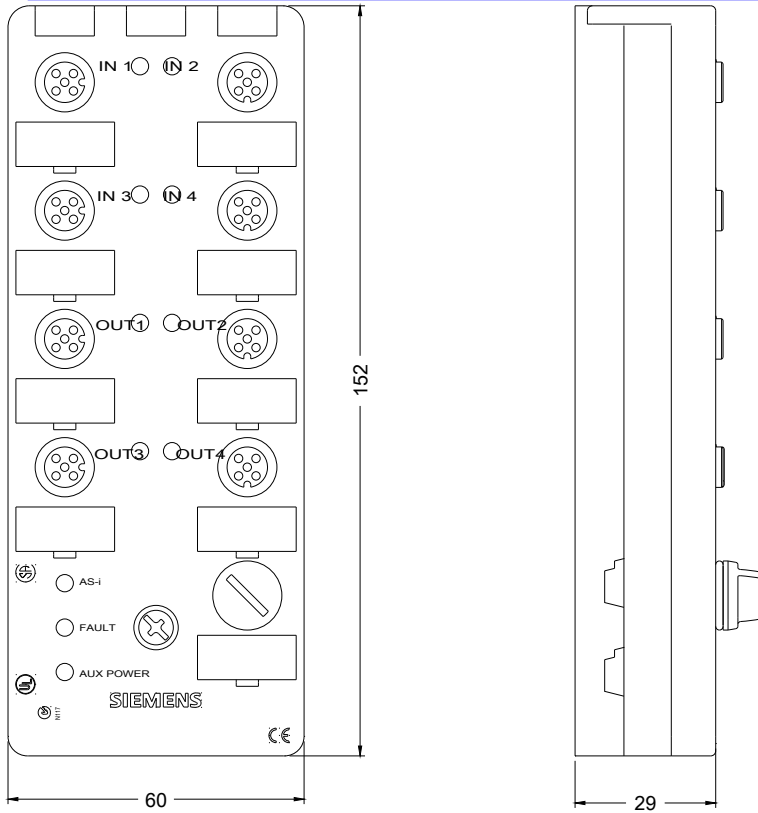
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK11001CQ00AA3>

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

<http://support.automation.siemens.com/WW/view/en/3RK11001CQ00AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK11001CQ00AA3&lang=en>



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