

AS-i compact module K60 digital 4 DQ, IP67 4 x output, 2 A 24 V DC maximal 4 A for all outputs 4 x M12 socket Y-II assignment Mounting plate 3RK1901-0CA00 must 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	270 mA
operating voltage according to AS-Interface specification	26.5 ... 31.6 V
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 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	20 ... 30 V
Ampacity of the sensor supply for all inputs	
<ul style="list-style-type: none"> at ambient temperature 40 °C 	200 mA

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	10 V
Input current at digital input	
<ul style="list-style-type: none"> for signal <1> minimum with signal <0> maximum 	6 mA 1.5 mA
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 assignment

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
Ampacity of the semiconductor output at DC-13 at 24 V	2 A
Outputs aggregate current max	4 A
Type of switching output	PNP transistor
Design of the pin assignment of the outputs	Y-II assignment
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)

Ambient conditions

Ambient temperature	
• during operation	-25 ... +85 °C
• during storage	-40 ... +85 °C
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	60 mm
Height	152 mm
Depth	29 mm
Mounting type	standard rail mounting/wall mounting using mounting plate for K60 compact module

Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity
 CSA	 UL	
 RCM	 EG-Konf.	Miscellaneous

Shipping Approval



other



[Confirmation](#)

[Miscellaneous](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

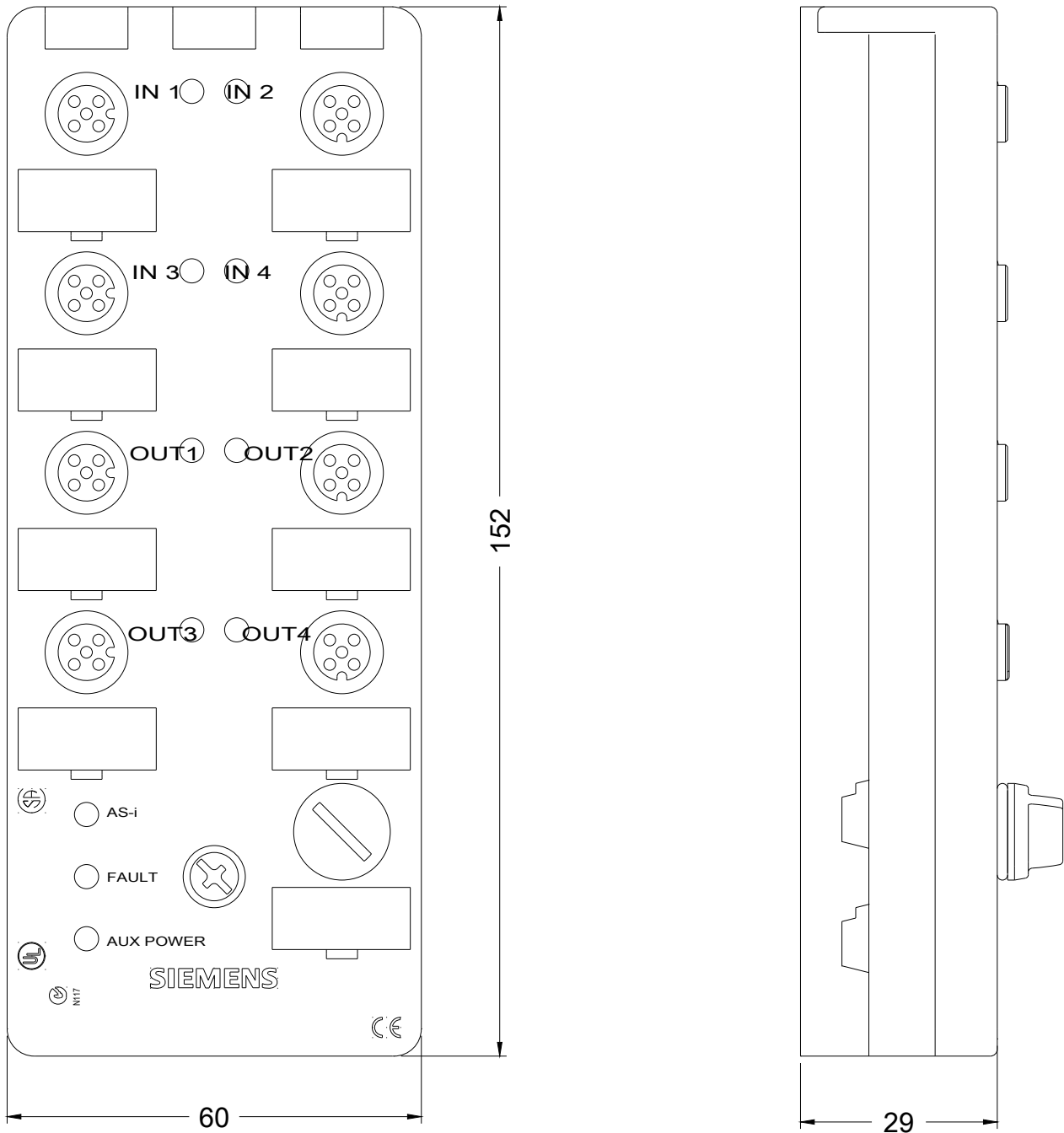
<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1100-1CQ00-0AA3>

Cax online generator

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



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