



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.

Inputs

number of digital inputs	0
Input circuit	PNP transistor

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	
• 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	not assigned (closed)
• socket 5	PIN4 = OUT1 (D0), PIN2 = OUT2 (D1)

- socket 6
- socket 7
- socket 8

PIN4 = OUT2 (D1)
 PIN4 = OUT3 (D2), PIN2 = OUT4 (D3)
 PIN4 = OUT4 (D3)

Ambient conditions

ambient temperature

- during operation
- during storage

-25 ... +85 °C
 -40 ... +85 °C

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

60 mm

height

152 mm

depth

29 mm

fastening method

standard rail mounting/wall mounting using mounting plate for K60 compact module

shock resistance

15g / 11 ms

Certificates/ approvals

General Product Approval

EMV



[KC](#)

Marine / Shipping

other

Environment



[Confirmation](#)

[Miscellaneous](#)

[Environmental Confirmations](#)

Industrial Communication



Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

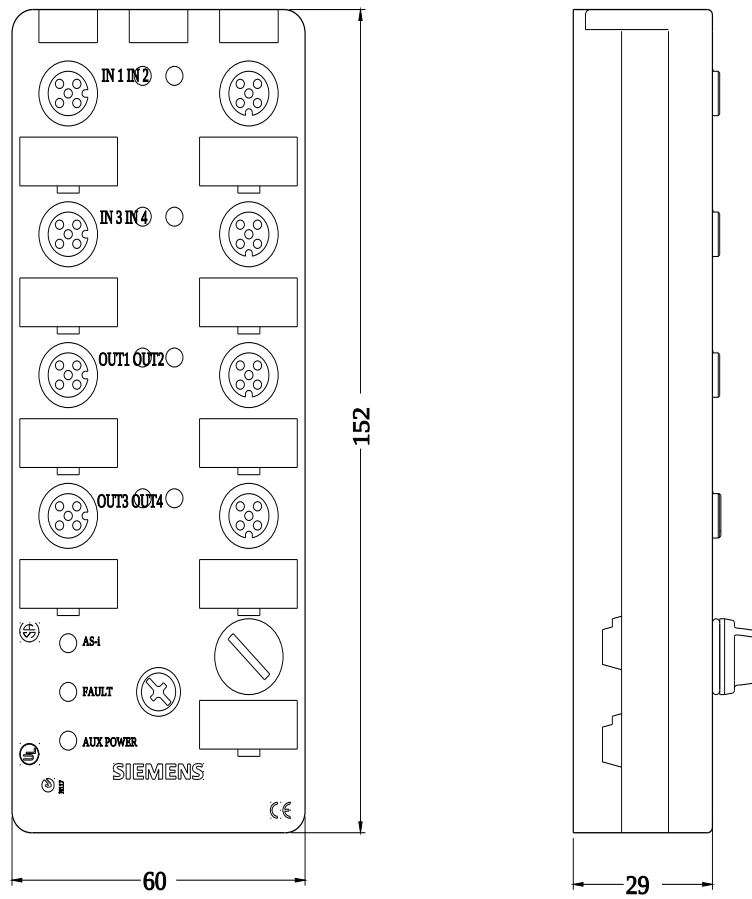
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1100-1CQ00-0AA3>

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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