



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 spezifikation	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	
• at ambient temperature 40 °C	200 mA

Inputs

number of digital inputs	0
type of connection technology	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	
• for signal <1> minimum	6 mA
• with signal <0> maximum	1.5 mA
Inputs	
• 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
 Outputs socket assignment
 property of the output short-circuit proof
 Outputs

- short-circuit protection
- induction protection
- watchdog

Y-II assignment
 3 = "-", 2/4 = output, 5 = ground terminal
 Yes
 built-in
 built-in
 built-in

Assignment of the data bits

Assignment of data bits

- 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
- 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

EMC

Declaration of Conformity



[Confirmation](#)



Marine / Shipping



other



[Confirmation](#)

[Miscellaneous](#)

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

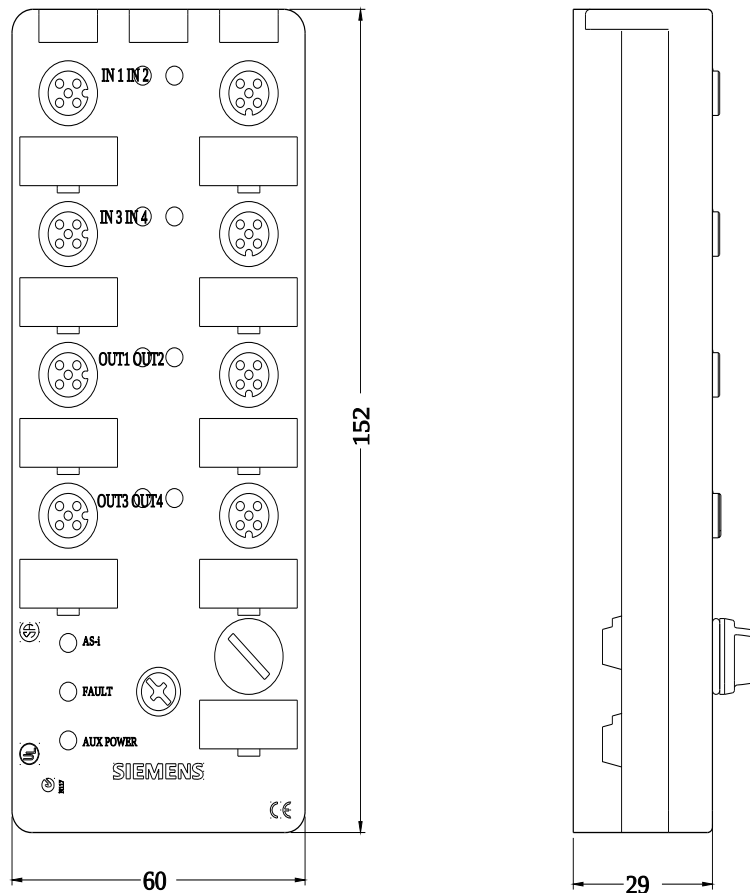
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1100-1CQ00-0AA3>

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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