

AS-i compact module K60 digital A/B slave, 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	A/B slave (Spec. 3.0)
I/O configuration	7
ID/ID2 code	A/7
Number I/O sockets	4
Type of electrical connection of the inputs and outputs	M12 screw-type terminals
AS interface total current input max	45 mA
operating voltage according to AS-Interface specification	18 ... 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	16.5 ... 30 V
Inputs	
Number of digital inputs	0
Input circuit	PNP transistor
Inputs	
<ul style="list-style-type: none"> • socket assignment — PIN 5 	ground terminal
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 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)
Ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> • 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
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	 EAC
	 RCM	 EG-Konf.
		Miscellaneous

Shipping Approval	other
 ABS	 PRR
 RMRS	 ASi
	Confirmation
	Miscellaneous

Further information

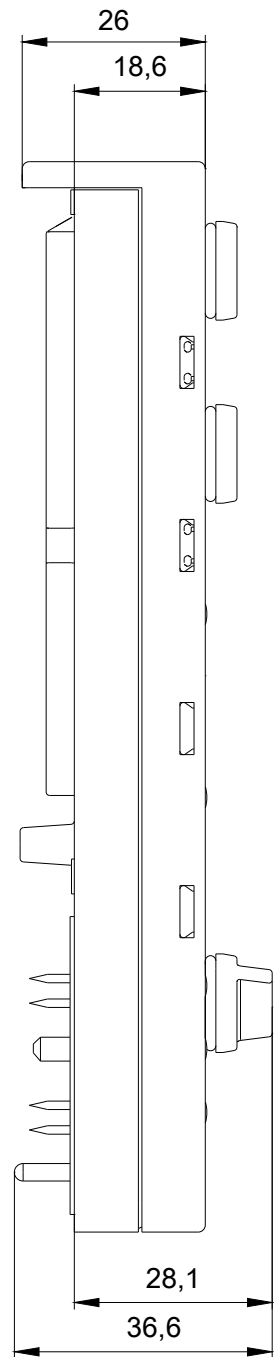
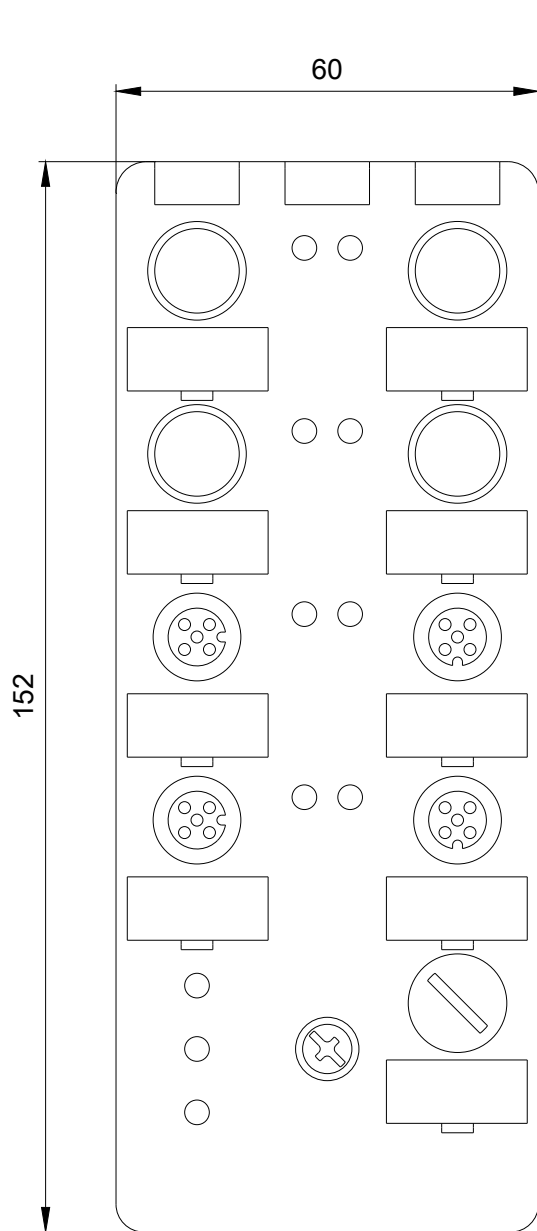
Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/ic10>

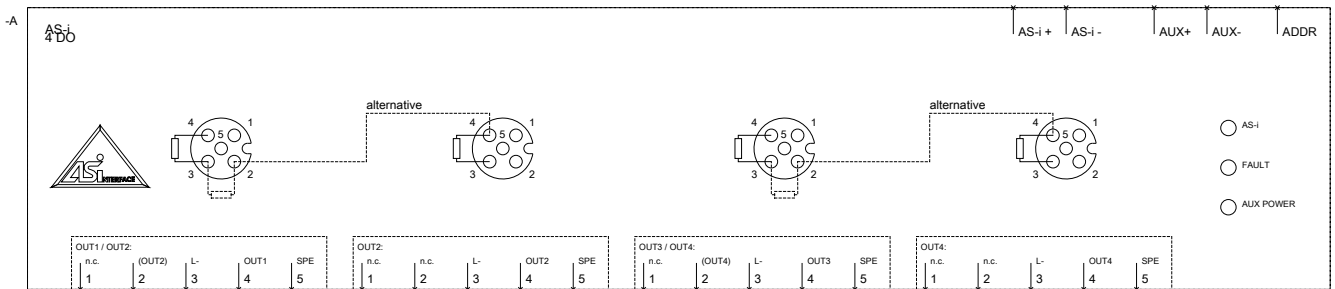
Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK2100-1CQ00-0AA3>

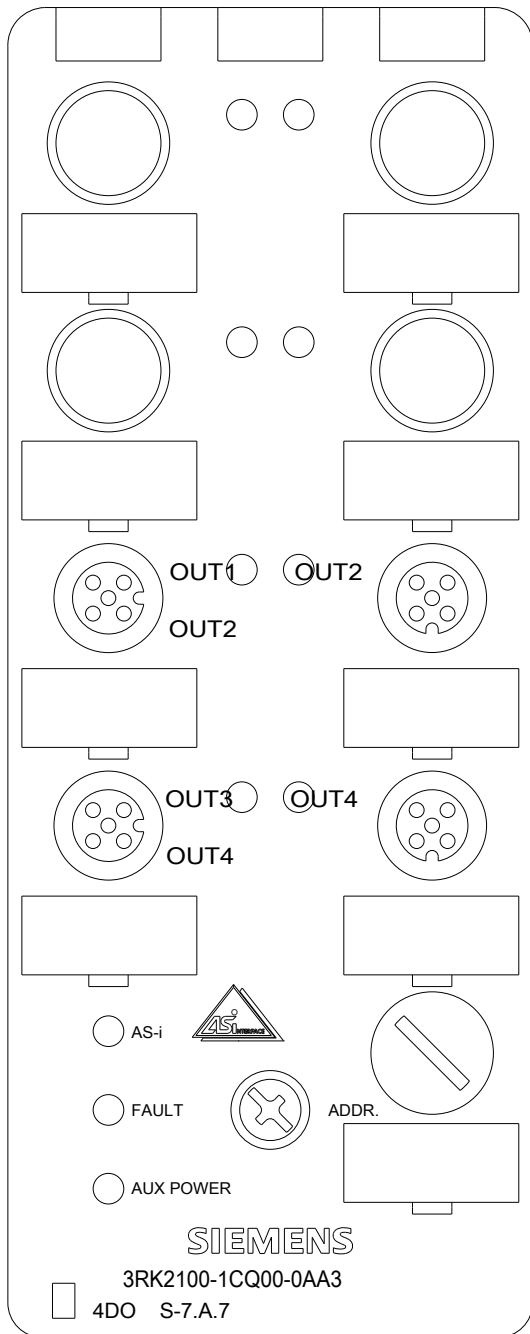
Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2100-1CQ00-0AA3>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RK2100-1CQ00-0AA3>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2100-1CQ00-0AA3&lang=en







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