

AS-i compact module K60 digital A/B slave, 4 DI, IP67 4 x input, maximum 200 mA 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 inputs
Design of the slave type	A/B slave
I/O configuration	0
ID/ID2 code	A/E
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	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
Sensor supply	
Type of voltage supply for power supply	using AS-Interface
Input voltage	16.5 ... 30 V

Property of the sensor supply Short-circuit and overload resistant	Yes
Ampacity of the sensor supply for all inputs at ambient temperature 40 °C	200 mA

Inputs

Number of digital inputs	4
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 - for signal <1> minimum - with signal <0> maximum	6 mA 1.5 mA
Inputs - sensor supply using AS-Interface - socket assignment — PIN 1 — PIN 2 — PIN 3 — PIN 4 — PIN 5	short-circuit and overload resistant sensor supply L+ data input II sensor supply L- data input I ground terminal
Design of the pin assignment of the inputs	Y-II assignement

Outputs

Number of digital outputs	0
Outputs external power supply 24 V DC	not required
Outputs watchdog	not required

Assignment of the data bits

Assignment of data bits - socket - socket 2 - socket 3 - socket 4 - socket 5 - socket 6 - socket 7 - socket 8	PIN 4 = IN1 (D0), PIN 2 = IN2 (D1) PIN 4 = IN2 (D1) PIN 4 = IN3 (D2) , PIN 2 = IN4 (D3) PIN 4 = IN4 (D3) not assigned (closed) not assigned (closed) not assigned (closed) not assigned (closed)
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Ambient conditions

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

Status display	
- display of I/Os - display of Uaux - display of AS-Interface/diagnostics	yellow LED not required 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	 LRS	 PRS	 RMRS	 ASi	Confirmation

other
Miscellaneous

Further information

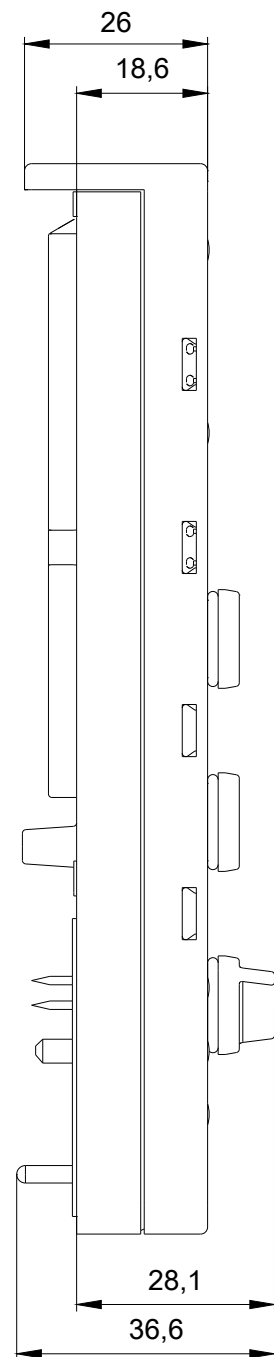
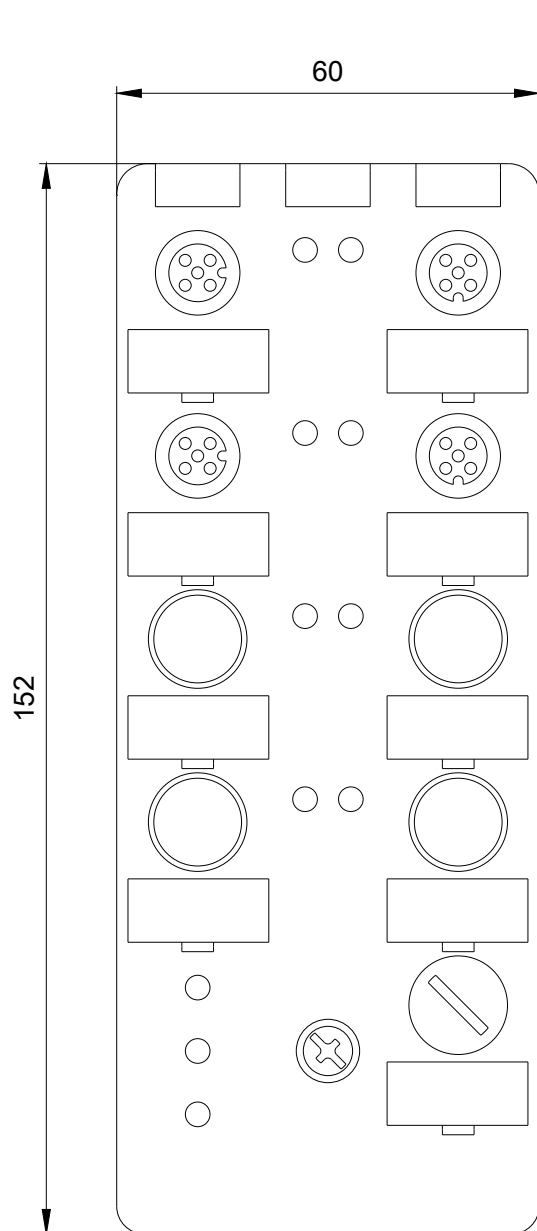
Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>

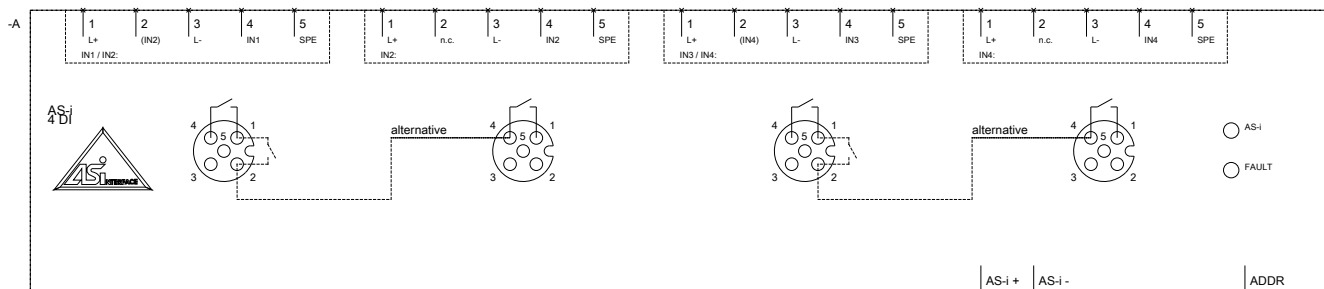
Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK2200-0CQ00-0AA3>

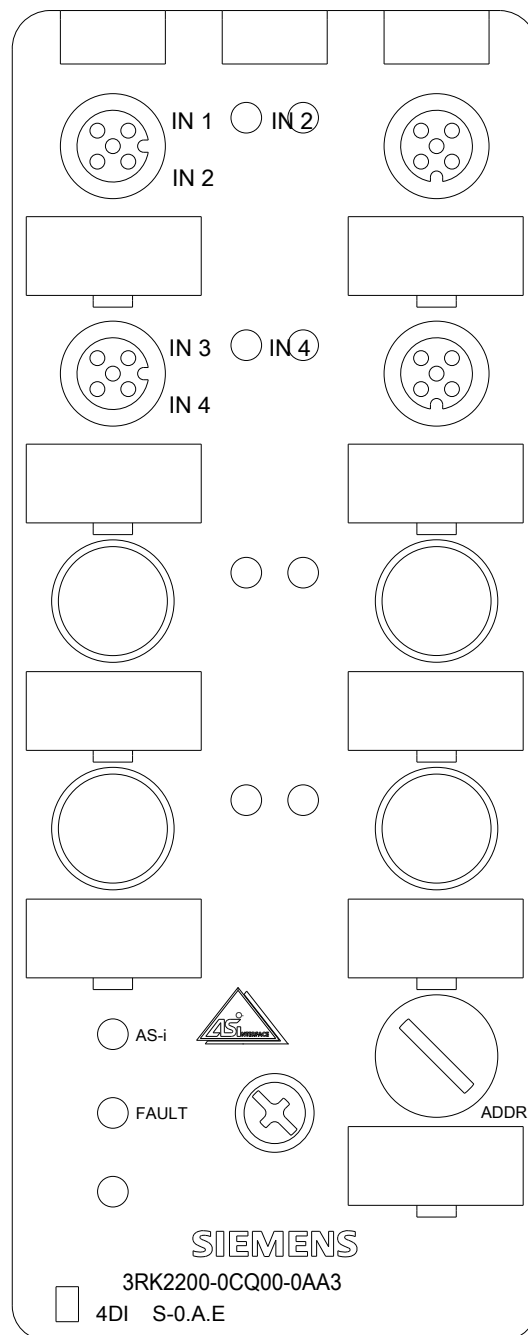
Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CQ00-0AA3>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0CQ00-0AA3>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0CQ00-0AA3&lang=en







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10/07/2019