

AS-i compact module K60 digital 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	standard slave
I/O configuration	0
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
Sensor supply	
Type of voltage supply for power supply	using AS-Interface
Input voltage	20 ... 30 V

Property of the sensor supply Short-circuit and overload resistant	Yes
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	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	
<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 socket assignment <ul style="list-style-type: none"> — 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 assignment

Outputs

Number of digital outputs	0
Outputs external power supply 24 V DC	not required
Design of the pin assignment of the outputs	Y-II assignment
Outputs	
<ul style="list-style-type: none"> watchdog 	not required

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 	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)

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation 	-25 ... +85 °C

- during storage

-40 ... +85 °C

Protection class IP

IP67

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



[Miscellaneous](#)

CSA

UL

RCM

EG-Konf.

Shipping Approval



ABS

BUREAU VERITAS

LRS

PRS

RINA

RMRS

other

[Confirmation](#)

[Miscellaneous](#)



ASi

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=3RK1200-0CQ00-0AA3>

Cax online generator

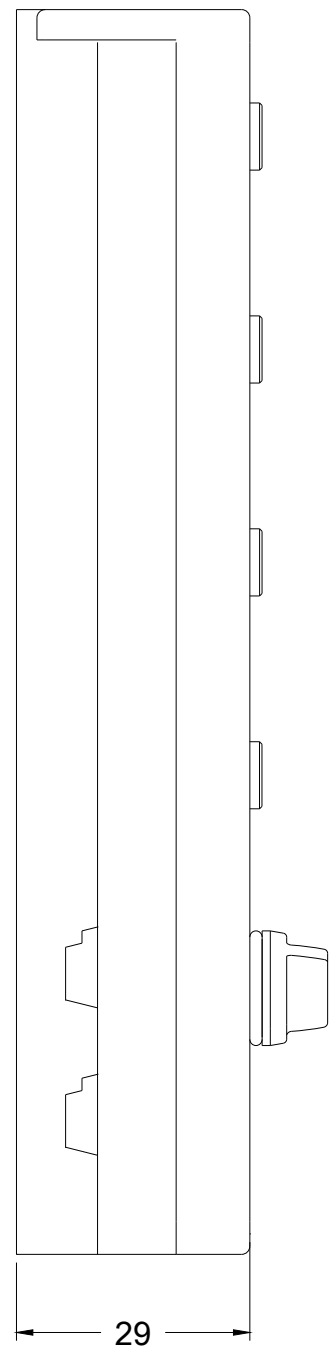
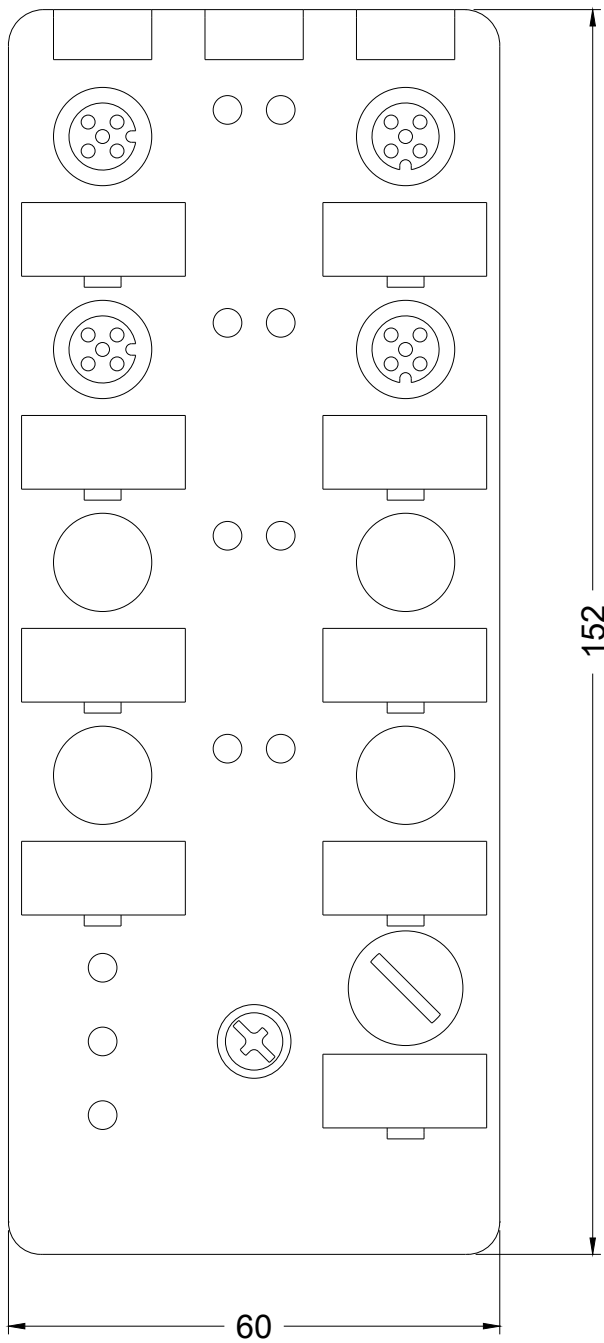
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1200-0CQ00-0AA3>

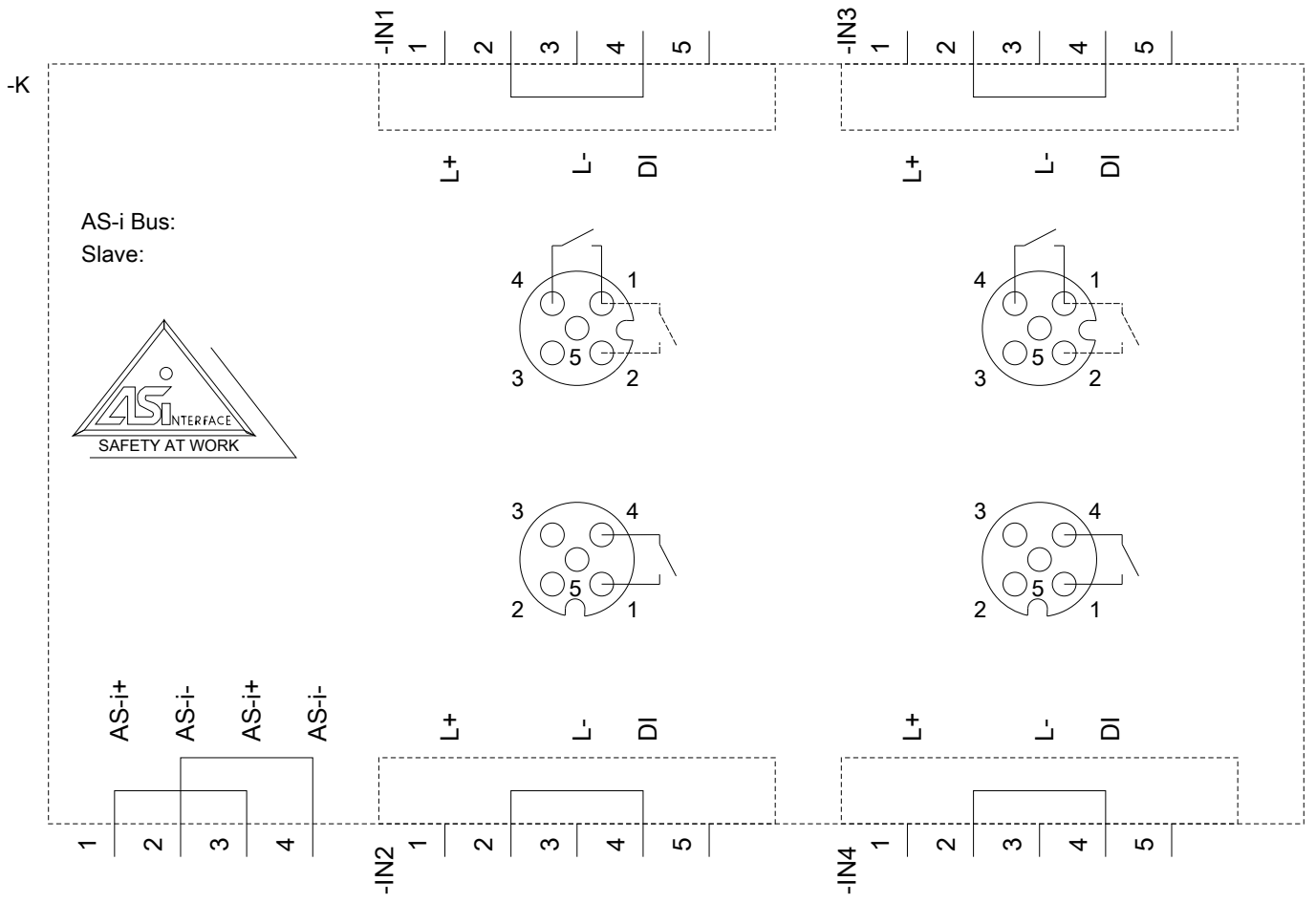
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1200-0CQ00-0AA3>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1200-0CQ00-0AA3&lang=en





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