



Figure similar

AS-I COMPACT MODULE K60, IP67, A/B-SLAVE, DIGITAL, 4DI, 4X INPUT FOR SENSOR (MECHAN., 2-WIRE, 3-WIRE), PNP, SENSOR SUPPLY FROM U_ASI MAX. TOTAL 200MA; 4 X M12-SOCKET Y-II-ASSIGNMENT; MOUNTING PLATE 3RK19010CA00 TO 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	mA	270
operating voltage according to AS-Interface specification	V	18 ... 31.6
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 1		All K60 compact modules are delivered with stainless steel screws/sockets

Sensor supply:

Type of voltage supply for power supply		using AS-Interface
Input voltage	V	16.5 ... 30
Property of the sensor supply Short-circuit and overload resistant		Yes
Ampacity of the sensor supply for all inputs		

- at ambient temperature 40 °C

mA	200
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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	V	10
Input current at digital input		
• for signal <1> minimum	mA	6
• with signal <0> maximum	mA	1.5
Inputs		
• sensor supply using AS-Interface		short-circuit and overload resistant
• socket assignment		
— PIN 1		sensor supply L+
— PIN 2		data input II
— PIN 3		sensor supply L-
— PIN 4		data input I
— PIN 5		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
Outputs		
• watchdog		not required

Assignment of the data bits:

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

Ambient conditions:

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

Display:

Status display		
<ul style="list-style-type: none"> • display of I/Os • display of Uaux • display of AS-Interface/diagnostics 		yellow LED not required green/red LED

Mechanical data:		
Width	mm	60
Height	mm	152
Depth	mm	29
Mounting type		standard rail mounting/wall mounting using mounting plate for K60 compact module

Certificates/ approvals:		
AS-Interface certificate		requested
Approvals		UL, CSA, shipbuilding requested

General Product Approval	Shipping Approval
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Shipping Approval	other
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[Declaration of Conformity](#)

[Environmental Confirmations](#)

other

[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

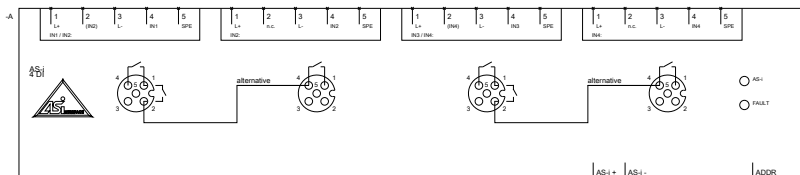
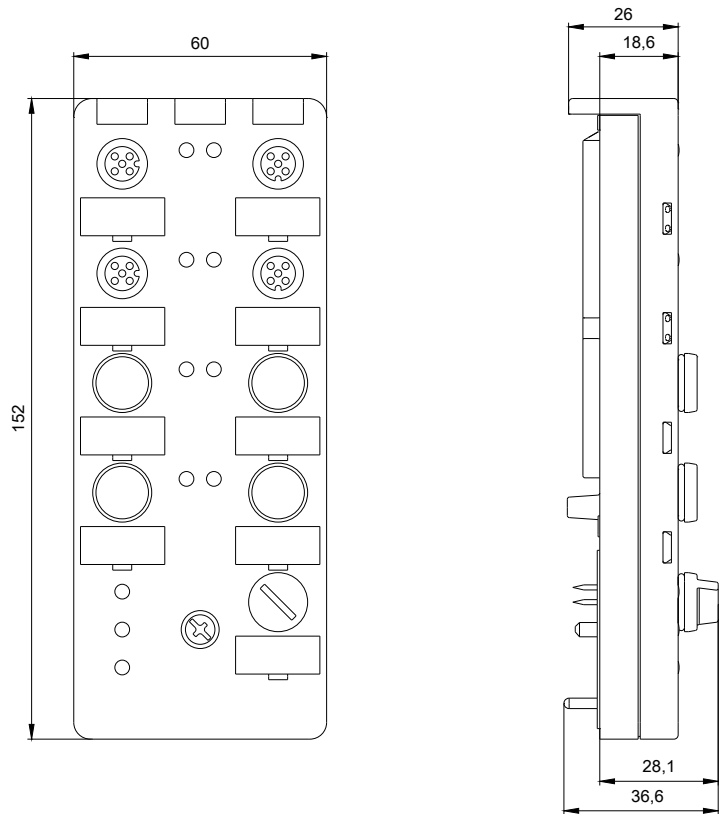
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK22000CQ000AA3>

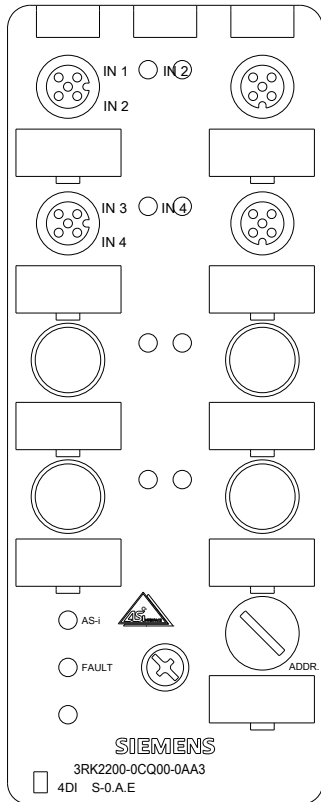
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RK22000CQ000AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK22000CQ000AA3&lang=en>





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