

Figure similar

AS-I COMPACT MODULE K60, IP67, A/B-SLAVE (SPEC 3.0), DIGITAL, 4DI/4DO, 4X INPUT FOR SENSOR (MECHAN., 2-WIRE, 3-WIRE), PNP, SENSOR SUPPLY FROM U_ASI MAX. TOTAL 200MA; 4 X OUTPUT OUTPUT SUPPLY DC 24V; 8 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 / 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		8
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	26.5 ... 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
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:

Type of voltage supply for power supply		using AS-Interface
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Input voltage	V	20 ... 30
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 	mA	200

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 <ul style="list-style-type: none"> • for signal <1> minimum • with signal <0> maximum 	mA mA	6 1.5
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 assignement

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
Output current at digital output for signal <1> Rated value	A	2
Outputs aggregate current max	A	4
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 		PIN 4 = IN1 (D0), PIN 2 = IN2 (D1) PIN 4 = IN2 (D1)
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- socket 3
- socket 4
- socket 5
- socket 6
- socket 7
- socket 8

PIN 4 = IN3 (D2) , PIN 2 = IN4 (D3)
 PIN 4 = IN4 (D3)
 PIN4 = OUT1 (D0), PIN2 = OUT2 (D1)
 PIN4 = OUT2 (D1)
 PIN4 = OUT3 (D2), PIN2 = OUT4 (D3)
 PIN4 = OUT4 (D3)

Ambient conditions:

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

Display:

Status display		
• display of I/Os		yellow LED
• display of Uaux		green LED
• display of AS-Interface/diagnostics		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		yes (or requested for in case of new units)
Approvals		UL, CSA, shipbuilding (or requested for in case of new units)

General Product Approval



Shipping Approval



other

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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

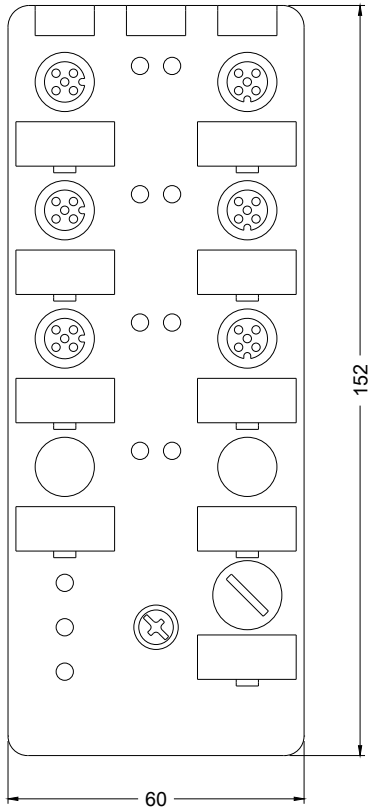
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK24001DQ000AA3>

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

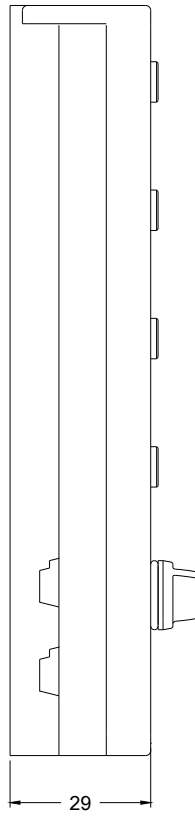
<http://support.automation.siemens.com/WW/view/en/3RK24001DQ000AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK24001DQ000AA3&lang=en>



last modified:



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