



AS-INTERFACE COMPACT MOD. K60, DIGITAL, 4I, IP67 4 X 1 INPUT, 200MA MAX., PNP 2 X M12 STANDARD SOCKET 2 X M12 SOCKET W. Y-II-ASSIGNM. FOR INPUT CONNECTIONS MOUNTING PLATE 3RK19010CA00 TO 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		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	mA	270
operating voltage according to AS-Interface spezifikation	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

Sensor supply:

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

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 - with signal <0> maximum	mA mA	6 1.5
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
Design of the pin assignment of the outputs		Y-II assignement
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	°C -25 ... +85
	• during storage	°C -40 ... +85
Protection class IP		IP67

Display:

Status display		
• display of I/Os		yellow LED
• display of Uaux		not required
• 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	Functional Safety/Safety of Machinery	Declaration of Conformity	Shipping Approval
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Shipping Approval	other
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other

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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

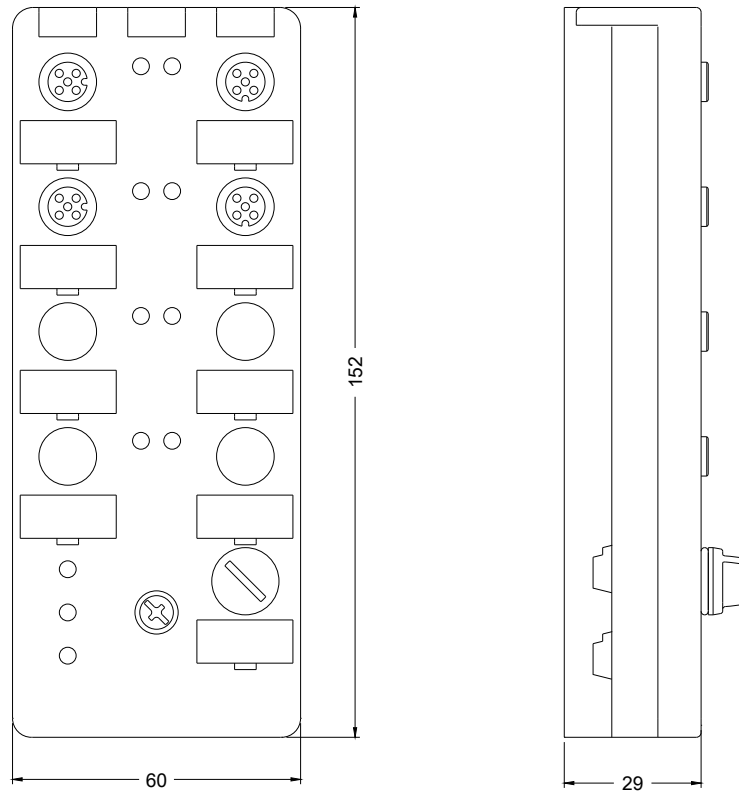
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1200-0CQ00-0AA3>

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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