

AS-INTERFACE APPLICATION MODULE 4 DIGITAL
OUTPUTS, 4 X 1 OUTPUT (Y-II) STANDARD
HOUSING IP 67, NPN, M12

General technical data:

Design of the product		digital I/O modules for operation in the field, IP67 - user modules
Design of the slave type		standard slave
Type		4 outputs
I/O configuration		8
ID code		1
Number I/O sockets		4
Protocol is supported AS-interface protocol		Yes
Type of electrical connection of the inputs and outputs		M12 screw-type terminals
AS interface total current input max	mA	50
operating voltage according to AS-Interface spezifikation	V	26.5 ... 31.6
Note 1		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.
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		A
Equipment marking acc. to DIN EN 61346-2		K

Inputs:

Number of digital inputs		0
Input circuit		NPN
Type of voltage of the input voltages		DC

Outputs:

Number of digital outputs		4
Type of voltage of output voltages		DC
Outputs external power supply 24 V DC		24 V DC using black flat cable
Output current at digital output for signal <1> Rated value	A	1
Outputs aggregate current max	A	2
Type of switching output		transistor
Property of the output Short-circuit proof		Yes
Outputs • short-circuit protection		built-in

• induction protection • current carrying capacity DC-12/13		built-in 1 A
Status display • display of I/Os • display of AS-Interface/diagnostics		yellow LED LED 'AS-i' green = OK red = No data traffic flashes red/yellow = zero address flashes red = overload sensor
Assignment of data bits • socket • socket 2 • socket 3 • socket 4		PIN4 = OUT1 (D0), PIN2 = OUT2 (D1) PIN4 = OUT2 (D1) PIN4 = OUT3 (D2), PIN2 = OUT4 (D3) PIN4 = OUT4 (D3)

Ambient conditions:

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

Mechanical data:

Width	mm	45
Height	mm	80
Depth	mm	27
Mounting type		standard rail mounting/wall mounting using coupling module
connection		using contact pins on FK-E or Pg-E coupling module

Certificates/ approvals:

AS-Interface certificate		yes
Approvals		UL, CSA, shipbuilding

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

[Umweltbestätigung](#)

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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

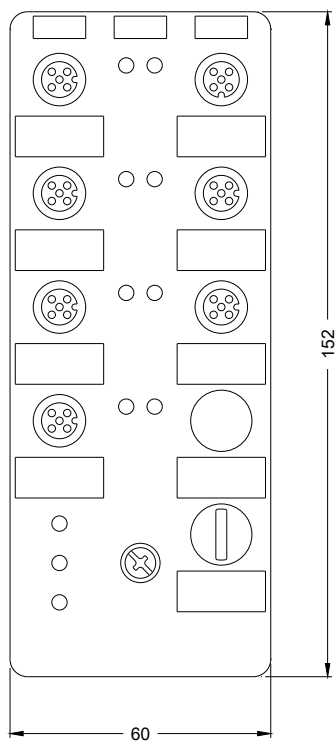
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK11001CQ010AA3>

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

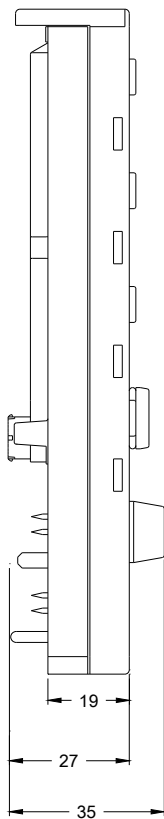
<https://support.industry.siemens.com/cs/ww/en/ps/3RK11001CQ010AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK11001CQ010AA3&lang=en



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