

ACTUATOR SENSOR INTERFACE 40 APPLICATION  
MODULE 4X1 OUTPUTS,ELECTRONICS DC 24V 1A,  
4X M12 SOCKETS EXTERNAL VOLTAGE SUPPLY  
VIA INTERFACE MODULE FK-E, EEMI



Figure similar

General technical data:

<b>Design of the product</b>		digital I/O modules for operation in the field, IP67 - user modules
<b>Design of the slave type</b>		standard slave
<b>Type</b>		4 outputs
<b>I/O configuration</b>		8
<b>ID code</b>		0
<b>Number I/O sockets</b>		4
<b>Protocol is supported AS-interface protocol</b>		Yes
Type of electrical connection of the inputs and outputs		M12 screw-type terminals
<b>AS interface total current input max</b>	mA	60
operating voltage according to AS-Interface specification	V	26.5 ... 31.6
<b>Note 1</b>		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.
<b>Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b>		A

Equipment marking acc. to DIN EN 61346-2		K
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### Inputs:

Number of digital inputs		0
Input circuit		PNP
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 voltage at DC at 24 V	V	22 ... 24
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
<b>Outputs</b> <ul style="list-style-type: none"> <li>• short-circuit protection</li> <li>• induction protection</li> <li>• current carrying capacity DC-12/13</li> </ul>		built-in built-in 1 A
<b>Status display</b> <ul style="list-style-type: none"> <li>• display of I/Os</li> <li>• display of AS-Interface/diagnostics</li> </ul>		yellow LED green LED
<b>Assignment of data bits</b> <ul style="list-style-type: none"> <li>• socket</li> <li>• socket 2</li> <li>• socket 3</li> <li>• socket 4</li> </ul>		output (D0) output (D1) output (D2) output (D3)

### Ambient conditions:

<b>Ambient temperature</b> <ul style="list-style-type: none"> <li>• during storage</li> <li>• during operation</li> </ul>	°C °C	-40 ... +85 -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
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Approvals UL, CSA, shipbuilding

General Product Approval	Declaration of Conformity	Shipping Approval
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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&mfb=3RG90010CB00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RG90010CB00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RG90010CB00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RG90010CB00&lang=en)

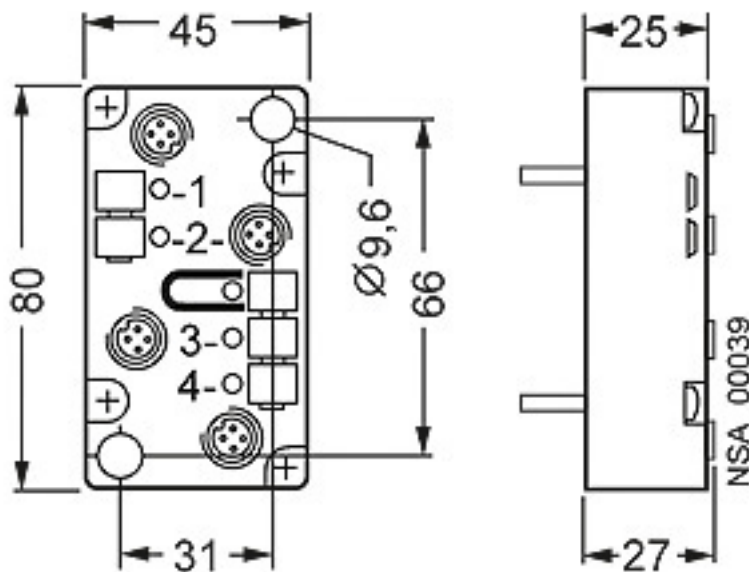




Figure similar

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