



AS Interface user module IP67 Phased-out product !!! For further information, please contact our sales department digital, 2DI/2DQ 2 x 1 input, max. 100 mA, PNP 2 x output, 1 A 24 V DC 4 x M12 socket

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		2 inputs / 2 outputs
I/O configuration		3
ID code		0
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	270
operating voltage according to AS-Interface specification	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.
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750		A
reference code according to EN 61346-2		K
Inputs		
number of digital inputs		2
Input circuit		PNP
type of voltage of the input voltages		DC
input voltage	V	20 ... 30
Inputs switching level High min	V	10
input current at digital input		
• for signal <1> minimum	mA	5
• with signal <0> maximum	mA	1.5
Inputs sensor supply using AS-Interface		short-circuit and overload resistant
Outputs		
number of digital outputs		2
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	2
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		built-in
• current carrying capacity DC-12/13		2 A

Status display • display of I/Os • display of AS-Interface/diagnostics		yellow LED
		green LED
Assignment of data bits • socket • socket 2 • socket 3 • socket 4		input (D0)
		input (D1)
		output (D2)
		output (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
fastening method		standard rail mounting/wall mounting using coupling module
connection		using contact pins on FK-E or Pg-E coupling module
type of connection technology		2- and 3-wire technology
Certificates/ approvals		
General Product Approval		Marine / Shipping



[Confirmation](#)



Marine / Shipping	other	Environment
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[Confirmation](#)

[Miscellaneous](#)

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RG9001-0CC00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RG9001-0CC00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RG9001-0CC00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RG9001-0CC00&lang=en



