



Figure similar

AS Interface user module IP67 Phased-out product !!! For further information, please contact our sales department digital, 4DQ 4 x output, 1 A, 24 V DC maximal 2 A for all outputs 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		4 outputs
I/O configuration		8
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	60
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		A
reference code according to IEC 204-2 according to IEC 750		K
reference code according to EN 61346-2		
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
Outputs		
• short-circuit protection		built-in
• induction protection		built-in
• current carrying capacity DC-12/13		1 A
Status display		
• display of I/Os		yellow LED
• display of AS-Interface/diagnostics		green LED
Assignment of data bits		
• socket		output (D0)

- socket 2
- socket 3
- socket 4

output (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

Certificates/ approvals

General Product Approval

Declaration of
Conformity

Marine / Shipping



[Confirmation](#)



Marine / Shipping

other



[Confirmation](#)

[Miscellaneous](#)

Further information

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=3RG9001-0CB00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RG9001-0CB00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RG9001-0CB00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RG9001-0CB00&lang=en



