



AS-i SlimLine Compact module SC22.5 digital, A/B slave 4 DQ, IP20 4 x output, 2 A, 24 V DC maximal 4 A for all outputs Screw terminals Width 22.5 mm

product designation	Slimline Compact I/O module for use in the control cabinet
design of the product	AS-i SC22.5, 4DQ A/B
design of the slave type	A/B slave (Spec. 3.0)
AS-Interface slave profile	S-7.A.7
ID1 code	7; Setting cannot be changed
operating voltage according to AS-Interface specification	18 ... 31.6 V
product function suitable for AS-i Power24V	Yes
consumed current from profile conductors of the AS-Interface - at 30 V maximum - at 24 V with AS-i Power24V maximum	45 mA 45 mA
type of address setting of AS-i slaves	via front addressing socket
Substance Prohibitance (Date)	05/01/2012
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Diboron trioxide - 1303-86-2
Weight	0.179 kg
reference code - according to EN 61346-2 - according to DIN 40719 extended according to IEC 204-2 according to IEC 750	K A
shock resistance	15g / 11 ms (modules) or 10g / 11 ms (modules with device connector)
other information	An auxiliary external feed (AUX POWER) of between 20 and 30 V DC is necessary for supplying the output circuits. The auxiliary feed must comply with IEC 60990 (PELV), protection class III.
Digital Inputs	
number of digital inputs	0
number of digital inputs safety-related	0
Digital Outputs	
number of digital outputs	4
type of switching output	PNP transistor
product function for power supply reverse polarity protection	Yes
property of the output short-circuit proof	Yes
product function	Built-in induction protection
total current of digital outputs per module maximum	4 A
type of voltage supply at the outputs	via AUX POWER
ampacity of the semiconductor output at DC-13 at 24 V	2 A
Analog inputs	
number of analog inputs	0
Analog outputs	
number of analog outputs	0

Device connector	
ampacity of the interface to the device connector	
• for AS-Interface	2 A
• for external auxiliary voltage	4 A
Installation/ mounting/ dimensions	
fastening method	screw and snap-on mounting
height	100 mm
width	22.5 mm
depth	120 mm
Ambient conditions	
ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +85 °C
Connections/ Terminals	
type of electrical connection of the inputs and outputs	Screw terminals
type of connectable conductor cross-sections	
• solid	1x (0.5 ... 2.5 mm ²), 2x (0.5 ... 1.5 mm ²)
• finely stranded with core end processing	1x (0.25 ... 2.5 mm ²), 2x (0.25 ... 1.0 mm ²)
• finely stranded without core end processing	Not permitted
• for AWG cables solid	1x (24 ... 14), 2x (24 ... 16)
• for AWG cables stranded	Not permitted
Approvals Certificates	
General Product Approval	EMV



[Confirmation](#)



Test Certificates	Marine / Shipping	other	Environment
Type Test Certificates/Test Report			Environmental Confirmations

Industrial Communication



Further information
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