

CompactModule 4DO T M12



Circuit	PNP
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AS-Interface CompactLine module

CompactModule 4DO T M12

Voltage range DC	[V]	15...30; (AUX)
Max. current load per output	[mA]	2000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))
Max. current load outputs total	[A]	4
Short-circuit proof		yes
Electrically separated		yes
Actuator supply outputs		AUX

Operating conditions

Ambient temperature	[°C]	-25...80
Storage temperature	[°C]	-25...80
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection		IP 67; (when flat cables are used E7400x / E7401x)

Tests / approvals

EMC		EN 61000-6-2	
		EN 62026-2	
		EN 50581	
MTTF	[years]	300	
UL approval		power supply	Class 2

AS-i classification

AS-i version	2.11; 3.0				
AS-i addressing	IR addressing possible				
Extended addressing mode	no				
AS-i master profile	M2; M3; M4				
AS-i profile	S-8.0.F				
AS-i I/O configuration	[hex]	8			
AS-i ID code	[hex]	0.F			
AS-i certificate	92201				
Assignment of the data bits	data bit	D0	D1	D2	D3
	Output	1	2	3	4
	socket	O-1	O-2	O-3	O-4
	pin	4	4	4	4

Mechanical data

Weight	[g]	292.5
Housing		rectangular
Type of mounting		AS-i flat cables directly connectable; backplane mounting
Dimensions	[mm]	118.2 x 60 x 27
Materials		PA; socket: brass nickel-plated; threaded inserts in the lower part: brass nickel-plated; O-ring: FKM; piercing contacts: CuSn6 nickel-plated and tin-plated

Displays / operating elements

Display	switching status	LED, yellow O1...O4
	operation	LED, green AS-i, AUX
	errors	LED, red

Electrical connection

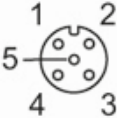
Module connection	Flat cables
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AC2417



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Accessories	
Accessories (optional)	Stainless steel sleeve, for installation in case of high mechanical stress , E70402
Remarks	
Pack quantity	1 pcs.
Electrical connection	
Connector: M12; coding: A	
	
3	Outputs
4	external voltage AUX -
5	switching output
1, 2	functional earth (FE)
	not used