

AC508A



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DO II 3D



Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	50
Max. current load total	[A]	2
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs	Number of digital outputs: 4
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Outputs

Number of digital outputs	4
Beschaltung	PNP
Voltage range DC	15...30; (to PELV; via flat cable)
Max. current load per output	[mA] 1000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))
Short-circuit proof	yes
Electrically separated	yes

Operating conditions

Ambient temperature	[°C] -10...50
Protection	IP 50

Tests / approvals

ATEX marking	 II 3D Ex tc IIIB T80°C Dc X IP50	
EMC	EN 50295	
	IEC 61000-6-2	
MTTF	[years]	211



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AS-i classification				
AS-i version	2.11 + 3.0			
AS-i addressing	addressing socket			
Extended addressing mode possible	no			
AS-i profile	S-8.0.E			
AS-i I/O configuration [hex]	8			
AS-i ID code [hex]	0.E			
AS-i certificate pending	yes			
Assignment of the data bits	data bit	D0	D1	D2
	Output	1	2	3
	socket	O-1	O-2	O-3
	pin	4	4	4

Mechanical data	
Weight [g]	199.4
Type of mounting	AS-i flat cables directly connectable
Materials	PA; piercing contacts: CuSn6 nickel-plated and tin-plated;

Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow

Accessories	
Accessories (supplied)	lower part
Accessories (optional)	Protective cap: M12, E73004
	Impact protection housing, E7000A

Remarks	
Remarks	Mechanical protection has to be implemented. Otherwise the unit must be installed together with the impact protection housing (E7000A).
Pack quantity	1 pcs.

Electrical connection	
quick mounting technology for AS-i flat cable: ; three orientations possible	

	Outputs
1	not used
2	not used
3	external voltage AUX -
4	switching output +
5	not used

Connector: M12

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