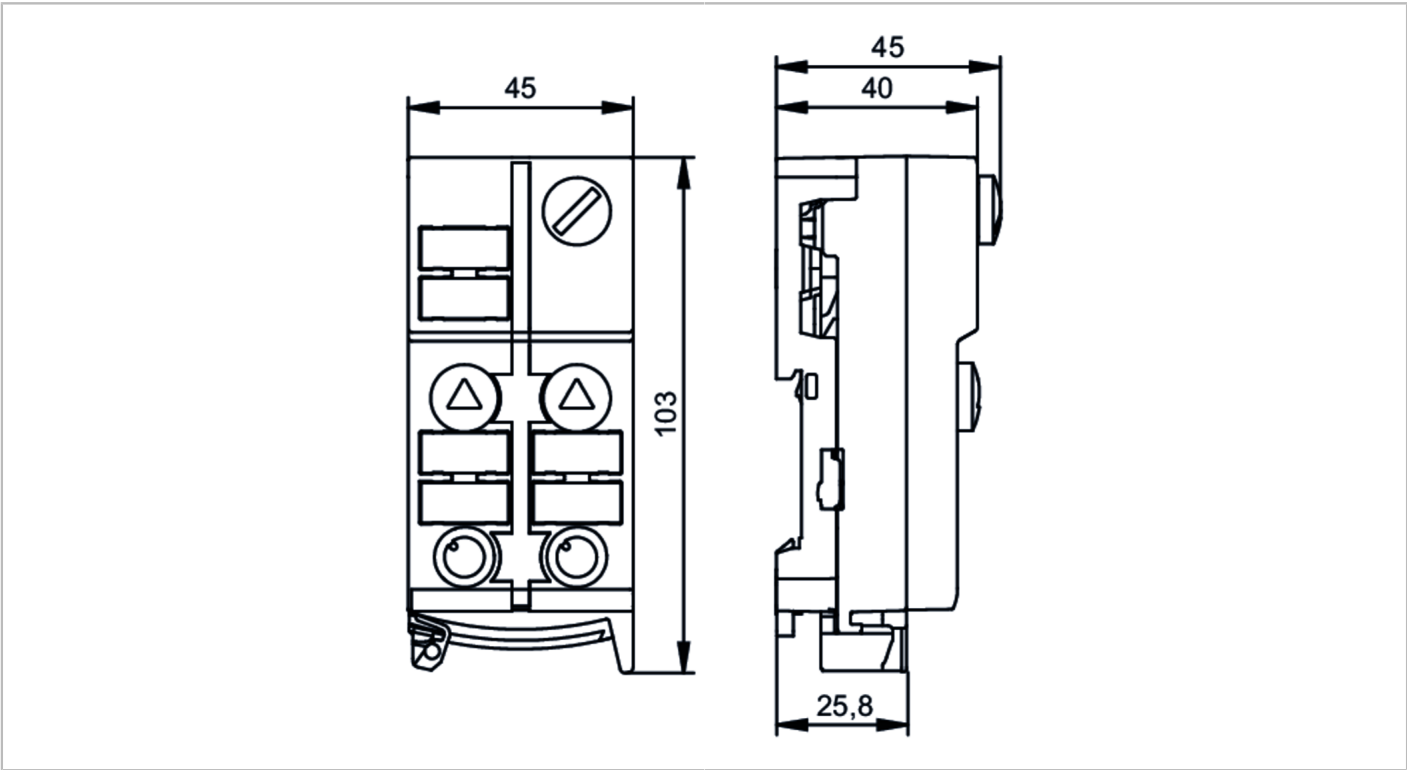


AC508A



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DO II 3D



Application	
Design	housing for DIN rail mounting
Application	AS-i ATEX module
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
Outputs	
Number of digital outputs	4
Circuit	PNP
Voltage range DC [V]	15...30; (to PELV; via flat cable)
Max. current load per output [mA]	1000; (utilization 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



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DO II 3D

Tests / approvals						
ATEX marking		 II 3D Ex tc IIIB T80°C Dc X IP50				
EMC		EN 50295				
		IEC 61000-6-2				
MTTF [years]		211				
AS-i classification						
AS-i version		2.11; 3.0				
AS-i addressing		Addressing socket				
Extended addressing mode		no				
AS-i master profile		M2; M3; M4				
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				
Data bits		Data bit	D0	D1	D2	D3
		Output	1	2	3	4
		Socket	O-1/2	O1/2 O-2	O-3/4	O-3/4 O-4
		Pin	4	2 4	4	2 4
Mechanical data						
Weight [g]		228.5				
Housing		rectangular				
Type of mounting		AS-i flat cable connection; Mounting on DIN rail; (TH35 (EN 60715))				
Dimensions [mm]		103 x 45 x 44.7				
Material		PA; Piercing contacts: CuSn6 nickel-plated and tin-plated				
Displays / operating elements						
Display		Power		LED, green		
		errors		LED, red		
		Function		LED, yellow		
Electrical connection						
Module connection		Flat cable				
Accessories						
Items 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.				

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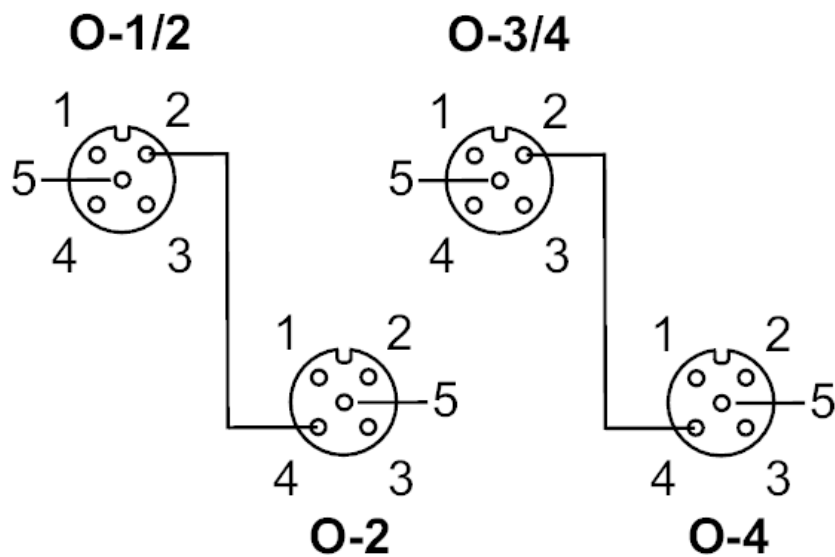
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DO II 3D

Electrical connection

quick mounting technology for AS-i flat cable: ; three selectable directions

Connection



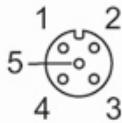
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AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DO II 3D

Connector: M12; coding: A



Outputs	
Socket O-1/2	
1	not used
2	Switching output 2
3	External voltage AUX -
4	Switching output 1
5	not used
Socket O-2	
1	not used
2	not used
3	External voltage AUX -
4	Switching output 2
5	not used
Socket O-3/4	
1	not used
2	Switching output 4
3	External voltage AUX -
4	Switching output 3
5	not used
Socket O-4	
1	not used
2	not used
3	External voltage AUX -
4	Switching output 4
5	not used