

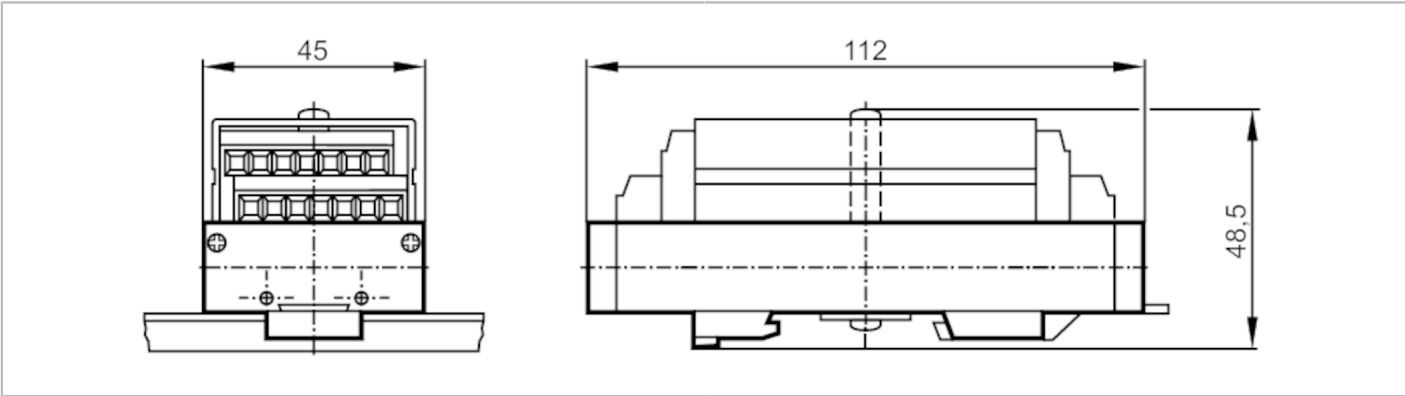


AS-Interface control cabinet module

CabinetModule 4DI 4DO T ST

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Alternative articles: AC2251
When selecting an alternative article and accessories please note that technical data may differ!



Application		
Application	I/O modules for control cabinet installations	
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 250
Max. current load total	[A]	0.6
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4	
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Voltage supply	[V]	20...30; (DC)
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	> 5
Input current low	[mA]	< 1.5
Switching level high	[V]	> 10
Digital inputs protected against short circuits		yes
Outputs		
Electrical design		PNP
Number of digital outputs		4
Circuit		PNP
Voltage range DC	[V]	15...30; (to PELV)
Max. current load per output	[mA]	150
Short-circuit proof		yes



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Electrically separated	yes	
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection	IP 20	
Tests / approvals		
EMC	EN 50295	
AS-i classification		
AS-i master profile	M2; M3; M4	
AS-i profile	S-7.0	
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	0
Mechanical data		
Weight	[g]	130
Type of mounting	Mounting on DIN rail and panel; String mounting possible	
Material	PA; PVC	
Displays / operating elements		
Display	Switching status	LED, yellow
	Power	LED, green
	short circuit	LED, red
Remarks		
Remarks	Do not connect any of the following points to an external potential:	
	I-, I+, I1, I2, I3, I4	
	The connections are electrically connected with the AS-i cable.	
Pack quantity	1 pcs.	
Electrical connection		
screw terminals:		
A+	AS-i+	
A-	AS-i -	
I+	Sensor supply +24V	
I-	Sensor supply 0V	
E+	External actuator supply +24V	
E-	External actuator supply 0V	
I1...I4	Switching input sensor 1...4	
O1...O4	Switching output actuator 1...4	