

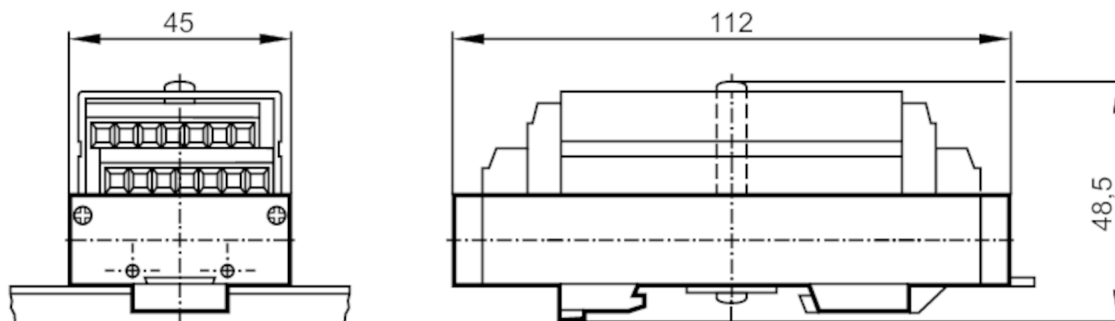


AS-Interface control cabinet module

CabinetModule 4DI 4DO T ST

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/AC2251



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

Number of digital inputs		4
Input circuit of digital inputs		PNP
voltage supply	[V]	20...30
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	> 5
Input current Low	[mA]	< 1.5
Min. switching level high signal	[V]	10
Digital inputs protected against short circuits		yes
Sensor supply of the inputs		AS-i

Outputs

Number of digital outputs		4
Beschaltung		PNP
Voltage range DC		15...30; (to PELV)
Max. current load per output	[mA]	150
Short-circuit proof		yes
Electrically separated		yes

Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 20



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Tests / approvals		
EMC	EN 50295	
MTTF	[years]	191
AS-i classification		
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	
Materials	PA; PVC	
Displays / operating elements		
Display	switching status	LED, yellow
	operation	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.	
Notes	discontinued article	
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	

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