AC2803

AS-Interface control cabinet module

CabinetModule 4DI 4DO R C

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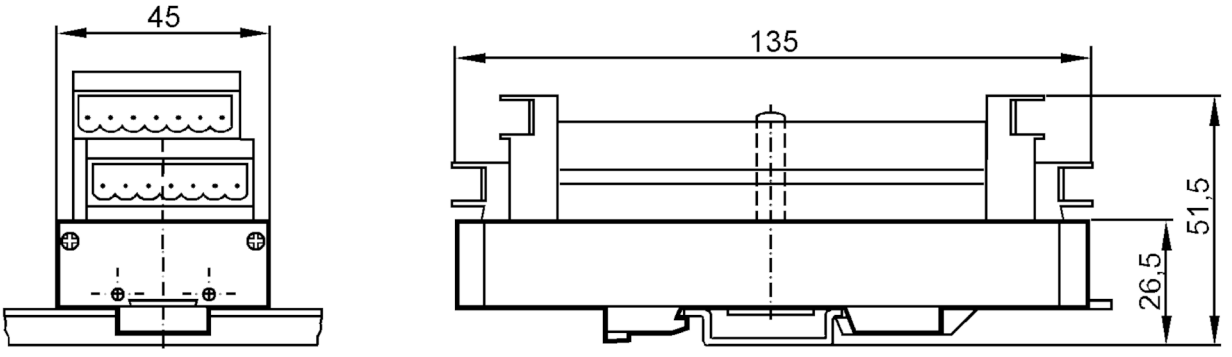
Alternative articles: AC2258

When selecting an alternative article and accessories please note that technical data may differ!



Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 280
Max. current load total	[A]	6
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 4; Number of relay outputs: 4
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Power supply	[V]	18...30
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	> 3
Input current Low	[mA]	< 1.5
Switching level high	[V]	> 10
Digital inputs protected against short circuits		yes
Outputs		
Electrical design		AS-i

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Voltage range DC	[V]	24	
Voltage range AC	[V]	240	
Max. current load per output	[mA]	2500	
Number of relay outputs		4	
Electrically separated		yes	
Operating conditions			
Ambient temperature	[°C]	-25...50	
Protection		IP 20	
Tests / approvals			
EMC		EN 50295	
		EN 50178	
AS-i classification			
AS-i profile		S-7.0	
AS-i I/O configuration	[hex]	7	
AS-i ID code	[hex]	0	
AS-i certificate		11601	
Mechanical data			
Type of mounting		mounting on DIN rail and panel; string mounting possible	
Dimensions	[mm]	45 x 135 x 51.5	
Materials		PA; PVC	
Displays / operating elements			
Display		switching status	LED, yellow
		operation	LED, green
Accessories			
Accessories (optional)		COMBICON connectors:, E70198	
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.	

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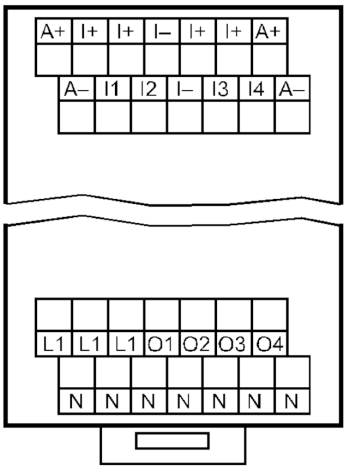
Electrical connection

COMBICON:

Connection



A+	AS-i +
A-	AS-i -
I+	Sensor supply +24V
I-	Sensor supply 0V
L1	external supply - (DC) / L1 (AC)
N	external supply - (DC) / N (AC)
I1...I4	switching input sensor 1...4
O1...O4	switching output actuator 1...4