

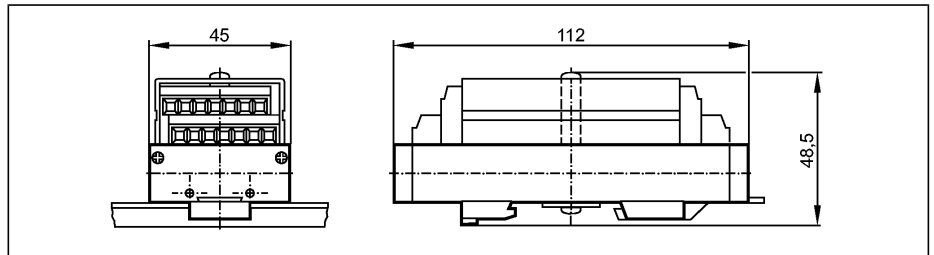
Bus system AS-Interface

AC2701

Mounting on DIN rail and panel
Screw terminal

String mounting possible

Digital inputs and outputs



Made in Germany

Electrical design

Output

Operating voltage	[V]
Current consumption	[mA]

Inputs

Input circuit	
Sensor supply	
Voltage range	[V]
Max. current load for all inputs total	[mA]
Short-circuit proof	
Switching level High signal 1	[V]
Input current High/Low	[mA]

Outputs

Electrically separated	
Short-circuit proof	
Integrated watchdog	
Max. current load per output	[mA]
External voltage supply	
Voltage range	[V]
Max. current load per module	[mA]

**4 inputs / 4 outputs
transistor PNP**

Operating voltage	26.5...31.6 DC
Current consumption	< 250
Input circuit	PNP
Sensor supply	AS-i
Voltage range	20...30 DC
Max. current load for all inputs total	200
Short-circuit proof	yes
Switching level High signal 1	> 10
Input current High/Low	> 5 / < 1.5
Electrically separated	yes
Short-circuit proof	yes
Integrated watchdog	yes
Max. current load per output	150
External voltage supply	according to PELV
Voltage range	15...30 DC
Max. current load per module	600

AC2701

Ambient temperature	[°C]	-25...70
Protection		IP 20
AS-i profile		S-7.0
I/O configuration [Hex]		7
ID code [Hex]		0
EMC		EN 50295
Housing materials		PA; PVC
Function display		
Switching status	LED	yellow
Operation	LED	green
Error	LED	red (short-circuit)
Connection		28 screw terminals
Weight	[kg]	0.131
Remarks		Do not connect any of the points I-, I+, I1, I2, I3, I4 to an external potential since they are electrically connected to the AS-i cable.

Wiring

- 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