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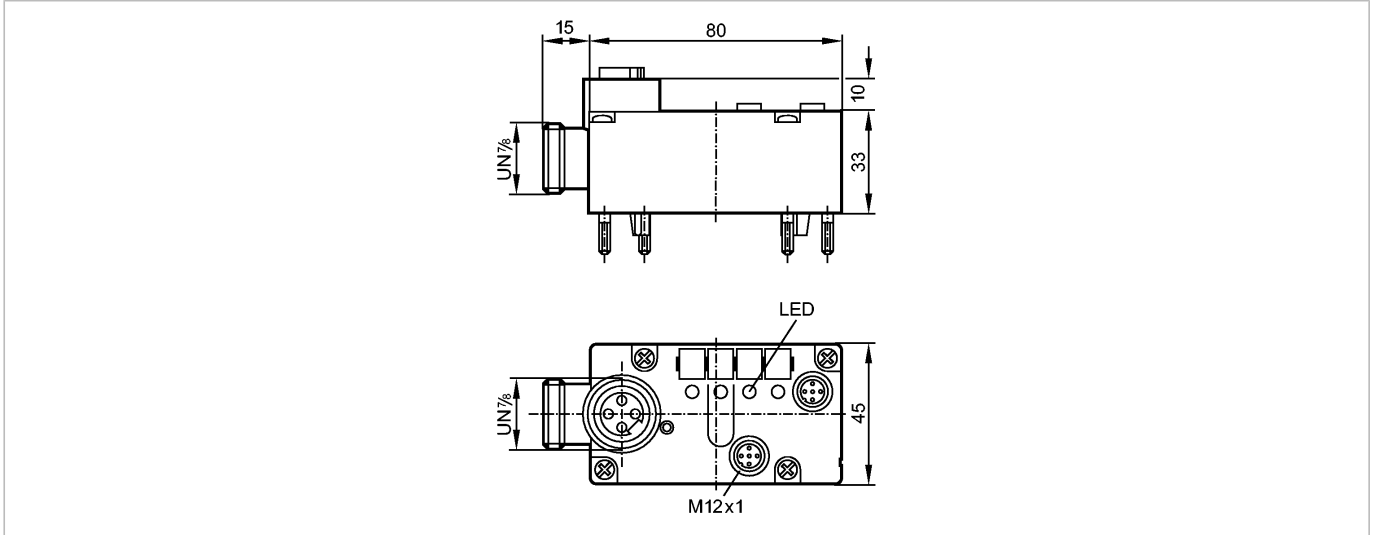
**ecomat300**

AC2036



PowerBox/2DI/1DO/R/UN7/8

AS-Interface bus system



Product characteristics

Active module upper part AS-i PowerBox

AS-i interface to FC and SC lower parts

Connection via M12 x 1 and UN 7/8" connectors


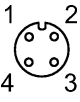

Connection of single-phase loads and sensors

Electrical data

Electrical design	2 inputs / 1 output
Operating voltage [V]	26.5...31.6 DC
Total current consumption from AS-i [mA]	< 140
Max. current load per module [mA]	6000
Inputs	
digital	
Circuit	PNP
Sensor supply	AS-i
Voltage range [V]	20...30 DC
Max. current load for all inputs total [mA]	100
Input current High/Low [mA]	> 5 / < 1.5
Switching level High signal 1 [V]	> 10
Short-circuit proof	yes
Outputs	
digital	
Output function	Relay
Voltage range [V]	24 DC / 24...240 AC
Electrically separated	yes
Integrated watchdog	yes
Short-circuit proof	no
Environment	
Ambient temperature [°C]	-20...70
Protection	IP 67
Tests / approvals	
EMC	EN 50295 EN 50178

AS-i classification

**AC2036 - Active module upper part AS-i PowerBox - eclass: 27259090 / 27-25-90-90**

AS-i profile	S-3.F				
I/O configuration [hex]	3				
ID code [Hex]	F				
Data bits	<b>Data bit</b>	<b>D0</b>	<b>D1</b>	<b>D2</b>	<b>D3</b>
	socket	I-1 / pin 2+4	I-2 / pin 2+4	O-3 / pin 1/4	not used
Mechanical data					
Housing materials	PBT (Pocan)				
Weight [kg]	0.142				
Displays / operating elements					
Power LED	green				
Function display LED	yellow				
Electrical connection					
Connection	contact pins on FC or SC lower module				
<b>Wiring</b>					
	Pin 1: PWR voltage + (L1) Pin 2: ground (PE) Pin 3: PWR voltage - (N)				
	Inputs 1: Sensor supply L+ 2+4: Data input (internally bridged) 3: Sensor supply L-				
	UN 7/8" socket 1: switched output + (L1) n.o. 2: ground (PE) 3: PWR voltage - (N) 4: switched output + (L1) n.c.				
Remarks	Inputs and outputs must be electrically isolated.				
Pack quantity [piece]	1				
Other data					
Output current [mA]	AC-1 / 230V AC 6A • AC-15 / 230V AC 2A • DC-13 / 24V DC 1A				
Switching frequency	Resistive load: 20 Hz Inductive load: 1 Hz				