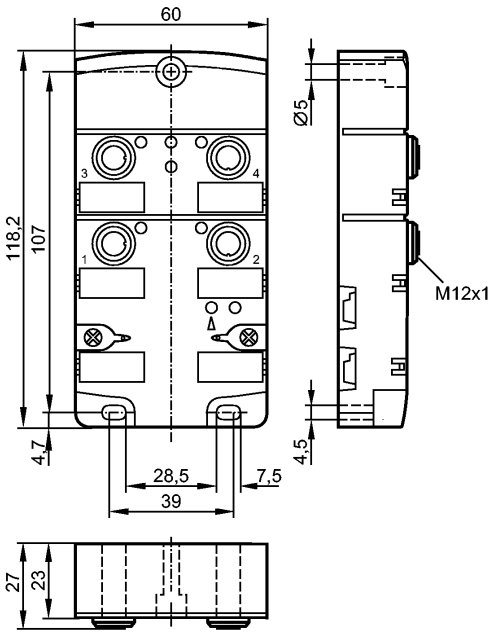
ecomat300

AC2417

CompactModule 4DO T M12

AS-Interface bus system



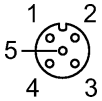
Product characteristics

Active CompactLine module		
AS-i flat cable connection		
Sockets M12 x 1		
IR addressing possible		
Digital outputs		
Electrical data		
Electrical design		4 outputs
Operating voltage	[V]	26.5...31.6 DC (AS-i) / 15...30 DC (AUX); cULus - Class 2 source required
Total current consumption from AS-i	[mA]	< 75
Max. current load per module	[mA]	4000
Outputs digital		
Output function		transistor PNP
Voltage range	[V]	15...30 DC
External voltage supply		to PELV *)
Max. current load per output	[mA]	2000 **)
Electrically separated		yes
Integrated watchdog		yes
Short-circuit proof		yes
Environment		
Ambient temperature	[°C]	-25...80
Protection		IP 67; (enclosure type 1); when flat cables E7400x and E7401x are used
Tests / approvals		
EMC		EN 50295
AS-i classification		
AS-i version		2.11 + 3.0
Extended addressing mode possible		no
AS-i profile		S-8.0.F
I/O configuration [hex]		8

AC2417 - Active CompactLine module - eclass: 27259090 / 27-25-90-90

ID code [Hex]		0.F			
AS-i certificate		92201			
Data bits	**Data bit**	**D0**	**D1**	**D2**	**D3**
	Output	1	2	3	4
	Socket	O-1	O-2	O-3	O-4
	Pin	4	4	4	4
Mechanical data					
Housing materials		PA; socket: brass nickel-plated; threaded inserts in the lower part: brass nickel-plated; O-Ring (socket): Viton; Piercing contacts: CuSn6 surface nickel and tin-plated			
Weight	[kg]	0.29			
Displays / operating elements					
Power	LED	green			
Error	LED	red			
Function display	LED	yellow			
Electrical connection					

Wiring



Outputs
Pin 3: External voltage AUX -
Pin 4: Switching output
Pin 5: functional earth (FE)
Pin 1, 2: not used

Accessories		
Accessories (optional)		stainless steel sleeve for installation in case of high mechanical stress (E70402)
Remarks		
Remarks		*) via black flat cable **) Utilisation category (DC13): The switch-on and switch-off capacity for the triggering of solenoids is rated up to 20 W (to IEC 60947-5-1)
Pack quantity	[piece]	1