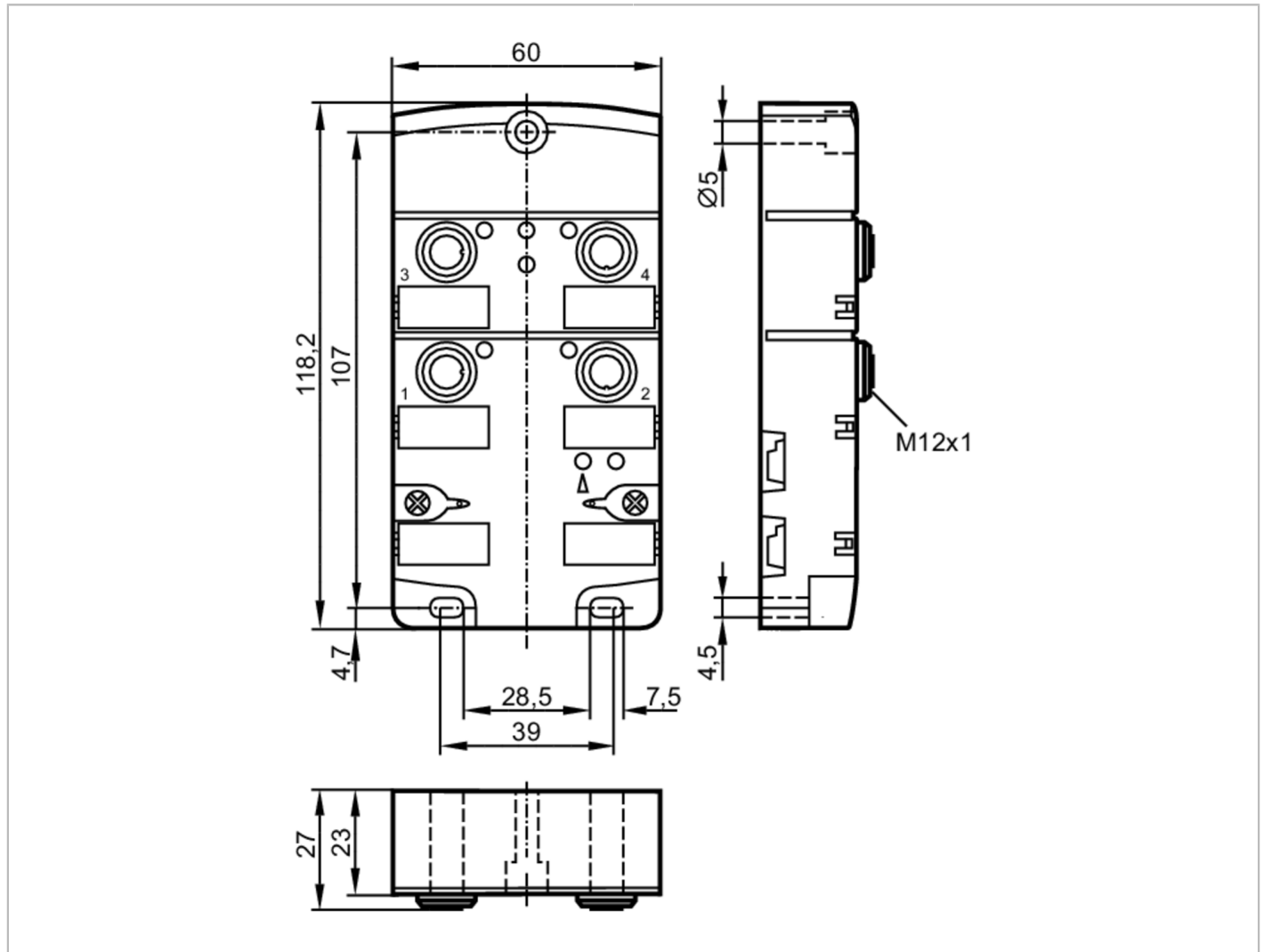


# AC2485



## AS-Interface CompactLine module

CompactM12 2 DO 2 DI T V4A A/B



### Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	220
Max. current load total	[A]	4
Additional voltage supply	[V]	10...30 DC; (AUX)
Integrated watchdog		yes



## AS-Interface CompactLine module

CompactM12 2 DO 2 DI T V4A A/B

Inputs					
Number of digital inputs				2	
Input circuit of digital inputs				PNP	
voltage supply	[V]			20...30	
Max. total current rating of inputs	[mA]			180	
Input current limitation	[mA]			15	
Input current High	[mA]			6...10	
Input current Low	[mA]			0...2	
Min. switching level high signal	[V]			11	
Digital inputs protected against short circuits				yes	
Sensor supply of the inputs				AS-i	
Outputs					
Electrical design				AS-i	
Number of digital outputs				2	
Beschaltung				PNP	
Voltage range DC				10...30; (to PELV)	
Max. current load per output	[mA]			2000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))	
Short-circuit proof				yes	
Electrically separated				yes	
Operating conditions					
Ambient temperature	[°C]			-25...80	
Protection				IP 67; (when flat cables are used E7400x / E7401x)	
Tests / approvals					
EMC				EN 61000-6-2	
				EN 61000-6-3	
				EN 62026-2	
AS-i classification					
AS-i version				2.11 + 3.0	
AS-i addressing				IR addressing possible	
Extended addressing mode possible				yes	
AS-i profile				S-B.A.E	
AS-i I/O configuration	[hex]			B	
AS-i ID code	[hex]			A.E	
AS-i certificate				128501	
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	-	-	3	4
	socket	-	-	I-3	I-4
	pin	-	-	2+4	2+4
	Output	1	2	-	-
	socket	O-1	O-2	-	-
	pin	4	4	-	-

# AC2485



## AS-Interface CompactLine module

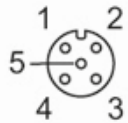
CompactM12 2 DO 2 DI T V4A A/B

Mechanical data		
Weight [g]	287.8	
Type of mounting	AS-i flat cables directly connectable	
Materials	PA; socket: stainless steel (1.4404 / 316L); threaded inserts in the lower part: stainless steel (1.4404 / 316L); O-ring: EPDM; screws: stainless steel (1.4578 / 316Cu); piercing contacts: CuSn6 nickel-plated and tin-plated;	
Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow
Accessories		
Accessories (optional)	Stainless steel sleeve, for installation in case of high mechanical stress , E70402	
Remarks		
Remarks	Inputs and outputs must be electrically isolated.	
Pack quantity	1 pcs.	

### Electrical connection - Outputs

Outputs	
3	external voltage AUX -
4	switching output
5	functional earth (FE)
1, 2	not used

Connector: M12



### Electrical connection - Inputs

Inputs	
1	Sensor supply L+
2+4	data input 1 internally bridged
3	Sensor supply L-
5	functional earth

Connector: M12

# AC2485



## AS-Interface CompactLine module

CompactM12 2 DO 2 DI T V4A A/B

