

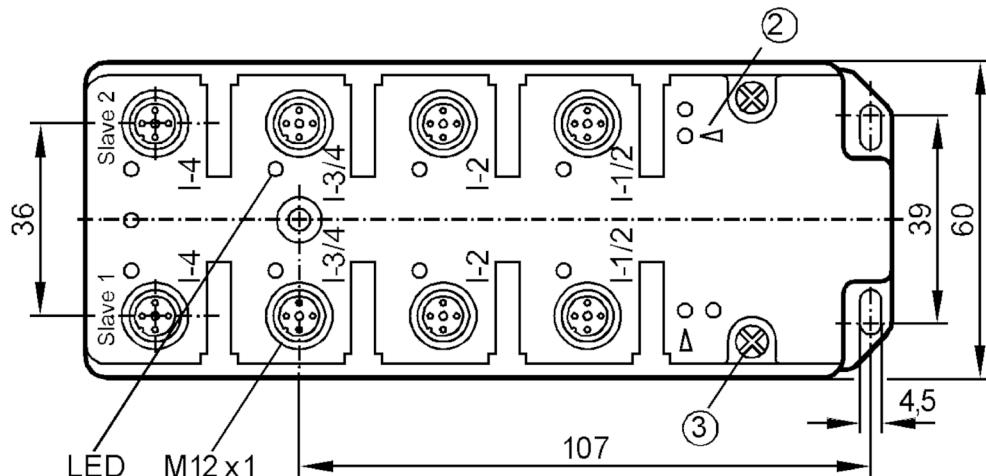
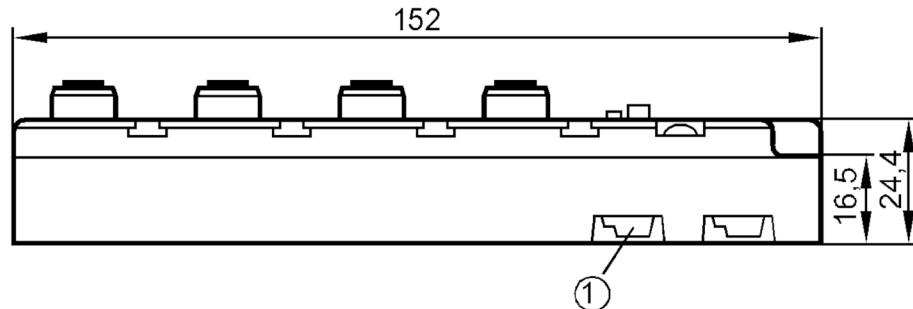
AS-Interface CompactLine module

CompactLine 8DI M12

Article no longer available - archive entry

Alternative articles: AC5210

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



- 1 AS-i supply
2 fixture infrared adapter
3 earth spring

**Application**

Application

field installation

Electrical data

Operating voltage [V] 26.5...31.6 DC; ("supply class 2" to cULus)

Max. current consumption [mA] from AS-i 250

Inputs / outputs

Number of inputs and outputs Number of digital inputs: 8

Inputs

Number of digital inputs 8; (2 x Slave)

Input circuit of digital inputs PNP

Sensor supply of the inputs AS-i

Power supply [V] 20...30; (operating voltage "supply class 2" according to cULus)

AC2463



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Max. total current rating of inputs	[mA]	200; (for each Slave)																				
Input current High	[mA]	6...10																				
Input current Low	[mA]	0...2																				
Switching level high	[V]	> 11																				
Digital inputs protected against short circuits		yes																				
Outputs																						
Electrical design		AS-i																				
Operating conditions																						
Ambient temperature	[°C]	-25...80																				
Protection		IP 67																				
Tests / approvals																						
EMC		EN 50295																				
AS-i classification																						
AS-i version		2.1																				
AS-i addressing		IR addressing possible																				
Extended addressing mode		no																				
AS-i profile		S-0.1.E																				
AS-i I/O configuration	[hex]	0																				
AS-i ID code	[hex]	1.E																				
Assignment of the data bits		<table border="1"> <thead> <tr> <th>data bit</th> <th>D0</th> <th>D1</th> <th>D2</th> <th>D3</th> </tr> </thead> <tbody> <tr> <td>input</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>socket</td> <td>I-1/2</td> <td>I-1/2 I-2</td> <td>I-3/4</td> <td>I-3/4 I-4</td> </tr> <tr> <td>pin</td> <td>4</td> <td>2 4</td> <td>4</td> <td>2 4</td> </tr> </tbody> </table>	data bit	D0	D1	D2	D3	input	1	2	3	4	socket	I-1/2	I-1/2 I-2	I-3/4	I-3/4 I-4	pin	4	2 4	4	2 4
data bit	D0	D1	D2	D3																		
input	1	2	3	4																		
socket	I-1/2	I-1/2 I-2	I-3/4	I-3/4 I-4																		
pin	4	2 4	4	2 4																		
Mechanical data																						
Type of mounting		AS-i flat cables directly connectable																				
Dimensions	[mm]	60 x 152 x 24.4																				
Materials		PUR																				
Displays / operating elements																						
Display	operation	LED, green																				
	errors	LED, red																				
	function	LED, yellow																				
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.																					

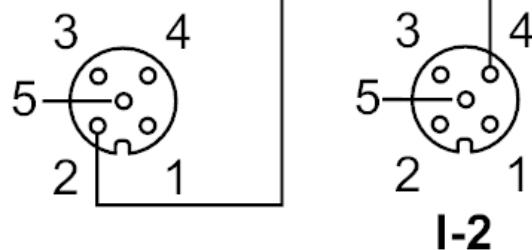
AS-Interface CompactLine module

CompactLine 8DI M12

Electrical connection

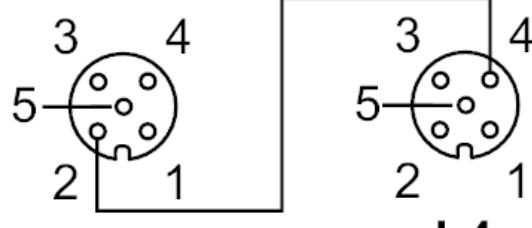
Connection

I-1/2



I-2

I-3/4



I-4

Connector: M12