

Product characteristics

Active ClassicLine module
AS-i flat cable connection
Sockets M12 x 1
Version 2.11 and 3.0 with extended addressing mode
Addressing socket
Three orientations of the flat cable are possible
Digital outputs and inputs

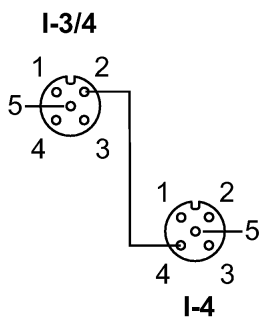
Electrical data

Electrical design	2 outputs / 2 inputs
Operating voltage [V]	26.5...31.6 DC; cULus - Class 2 source required
Total current consumption from AS-i [mA]	< 150
Max. current load per module [mA]	2000
Inputs	
digital	
Circuit	DC PNP
Sensor supply	AS-i
Voltage range [V]	18...30 DC **)
Max. current load for all inputs total [mA]	100
Input current High/Low [mA]	6...10 / 0...2
Switching level High signal 1 [V]	> 11
Short-circuit proof	yes
Outputs	
digital	
Output function	transistor PNP
Voltage range [V]	24 DC (15...30 DC **)
External voltage supply	according to PELV
Max. current load per output [mA]	1000 *)
Electrically separated	yes
Integrated watchdog	yes
Short-circuit proof	yes
Environment	
Ambient temperature [°C]	-25...70
Protection	IP 67
Tests / approvals	

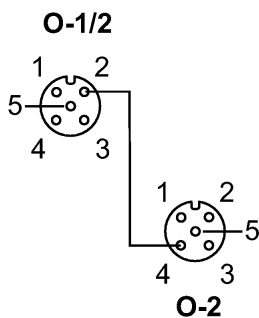
**AC5214 - Active ClassicLine module - eclass: 27259090 / 27-25-90-90**

EMC	EN 50295 IEC 61000-6-2																																			
MTTF [Years]	192																																			
AS-i classification																																				
AS-i version	2.11 + 3.0																																			
Extended addressing mode possible	yes																																			
AS-i profile	S-B.A.E																																			
I/O configuration [hex]	B																																			
ID code [Hex]	A.E																																			
AS-i certificate	in preparation																																			
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>-</td> <td>-</td> <td>3</td> <td>4</td> </tr> <tr> <td>Socket</td> <td>-</td> <td>-</td> <td>I-3/4</td> <td>I-3/4 I-4</td> </tr> <tr> <td>Pin</td> <td>-</td> <td>-</td> <td>4</td> <td>2 4</td> </tr> <tr> <td>Output</td> <td>1</td> <td>2</td> <td>-</td> <td>-</td> </tr> <tr> <td>Socket</td> <td>O-1/2</td> <td>O-1/2 / O-2</td> <td>-</td> <td>-</td> </tr> <tr> <td>Pin</td> <td>4</td> <td>2 4</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Data bit	D0	D1	D2	D3	Input	-	-	3	4	Socket	-	-	I-3/4	I-3/4 I-4	Pin	-	-	4	2 4	Output	1	2	-	-	Socket	O-1/2	O-1/2 / O-2	-	-	Pin	4	2 4	-	-
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Mechanical data																																				
Housing materials	PA; Piercing contacts: CuSn6 surface nickel and tin-plated																																			
Weight [kg]	0.19																																			
Displays / operating elements																																				
Power LED	green																																			
Error LED	red																																			
Function display LED	yellow																																			

**Wiring**



- |                     |                     |
|---------------------|---------------------|
| <b>Inputs</b>       | <b>Socket I-3/4</b> |
| 1: Sensor supply L+ | 1: Sensor supply L+ |
| 2: Data input 4     | 2: not used         |
| 3: Sensor supply L- | 3: Sensor supply L- |
| 4: Data input 3     | 4: Data input 4     |
| 5: not used         | 5: not used         |



- |                           |                           |
|---------------------------|---------------------------|
| <b>Outputs</b>            | <b>Socket O-2</b>         |
| 1: not used               | 1: not used               |
| 2: Switching output 2     | 2: not used               |
| 3: External voltage AUX - | 3: External voltage AUX - |
| 4: Switching output 1     | 4: Switching output 2     |
| 5: not used               | 5: not used               |

Accessories	
Accessories (included)	lower part
Accessories (optional)	M12 protective cap (E73004)
Remarks	
Remarks	Inputs and outputs must be electrically isolated. Do not connect any of the points I-, I+, I-3/4, I-4 to an external potential since they are electrically connected to the AS-i cable.

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\*) 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)  
\*\*) via flat cable

Pack quantity [piece]

1