



- 1: label
- 2: fixture infrared adapter



Product characteristics

Active ClassicLine module

AS-i interface to FC lower parts

Sockets M12 x 1

4 analog inputs  
temperature Pt100

AS-i profile S-7.3

IR addressing possible

Electrical data

Electrical design	4 inputs Pt100
Operating voltage [V]	26.5...31.6 DC
Total current consumption from AS-i [mA]	< 80
Max. current load per module [mA]	< 80
AS-i interface reverse polarity protection	yes
Inputs	
Short-circuit proof analog	yes
Analog input	Pt 100
Sensor supply	AS-i
Resolution [Bit]	16bit /0.1°C
Measuring / setting range value range [°C]	-200...850
Accuracy / deviations	linear change from ± 0.2 °C (-200 °C) ... ± 2 °C (800 °C)
Reaction times	
A/D conversion time [ms]	480 (4 channels)
Environment	
Ambient temperature [°C]	0...70
Storage temperature [°C]	-25...85
Protection	IP 67
Tests / approvals	
EMC	EN 50295 EN 61000-6-4 : 2001 EN 61000-6-2 : 2001
MTTF [Years]	140

# AC2520 - Active ClassicLine module - eclass: 27259090 / 27-25-90-90

AS-i classification		
Addressing		via IR addressing interface or via addressing socket in the lower part (accessory)
AS-i profile		S-7.3.E
I/O configuration [hex]		7
ID code [Hex]		3.E
AS-i certificate		in preparation
Mechanical data		
Housing materials		PBT (Pocan)
Tightening torque	[Nm]	0.6...0.8
Weight	[kg]	0.203
Displays / operating elements		
Output status indication	LED	yellow (indication channels AI1...AI4)
Power	LED	green (AS-i: AS-i voltage)
Error	LED	red (FAULT: AS-i communication error / periphery fault)
Electrical connection		
Connection of the sensors		2 wires / 4 wires
<b>Wiring</b>		
1: S+		
2: analog input		
3: S-		
4: analog output 0V		
5: functional earth		
Accessories		
Accessories (optional)		Module lower part
Remarks		
Pack quantity	[piece]	1