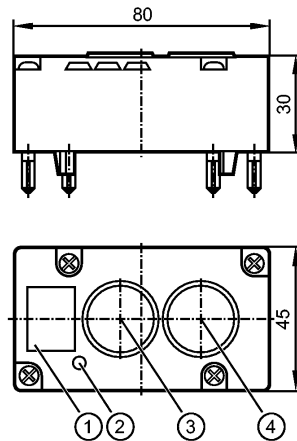


## AC2086

EMS-Module 2BI 2LO

AS-Interface bus system



- 1: label
- 2: LED
- 3: pushbutton2/LED 2
- 4: pushbutton1/LED 1



### Product characteristics

Active module upper parts AS-i illuminated pushbutton module

AS-i interface to FC and SC lower parts

Power supply via AS-i cable

Color inserts changeable

### Electrical data

Electrical design	2 pushbuttons / 2 LED displays
Operating voltage [V]	26.5...31.6 DC
Total current consumption from AS-i [mA]	< 55

### Inputs

digital	
Sensor supply	AS-i

### Environment

Ambient temperature [°C]	-25...60
Storage temperature [°C]	-40...85
Protection	IP 67

### Tests / approvals

EMC	EN 50295
MTTF [Years]	1715

### AS-i classification

AS-i version	2.1										
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	49201										
Data bits	<table border="1"> <tr> <th>Data bit</th> <th>D0</th> <th>D1</th> <th>D2</th> <th>D3</th> </tr> <tr> <td>Allocation</td> <td>LED 1 (white)</td> <td>LED 2 (white)</td> <td>pushbutton 1</td> <td>pushbutton 2</td> </tr> </table>	Data bit	D0	D1	D2	D3	Allocation	LED 1 (white)	LED 2 (white)	pushbutton 1	pushbutton 2
Data bit	D0	D1	D2	D3							
Allocation	LED 1 (white)	LED 2 (white)	pushbutton 1	pushbutton 2							

### Mechanical data

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EMS-Module 2BI 2LO

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Housing materials		PBT (Pocan)
Weight	[kg]	0.103
<b>Displays / operating elements</b>		
Power	LED	green
Error	LED	red
<b>Electrical connection</b>		
Connection		contact pins on FC or SC lower module
<b>Remarks</b>		
Remarks		The pushbuttons (EAO type 84) provide protection against accidental contact. Housing and pushbuttons can be labelled. Accessories: 2 cover supports, 10 cover upper parts (2 x red, 2 x green, 2 x yellow, 2 x blue, 2 x white)
Pack quantity	[piece]	1