




Digital indicator module Series 8411

- Explosion protection to
 - CENELEC
 - IEC
- For use in
 - Zone 1 and Zone 2
- The modules can be combined together

STAHL

The indicator module type 8411 is a single digit, seven segment LED module. Its available as an indicator for negative or positive potential, alternatively with an integrated converter for BCD control. The digital indicator module is built into a control box behind an impactproof window, the individual cores are wired to terminals.

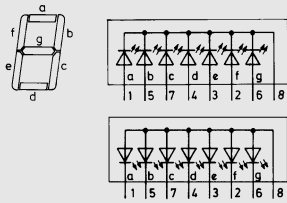
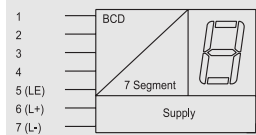
Selection Table


Version	Description	Voltage	Ordering Code	Weight
 8411 Digital Indicator module <small>03165e00</small>	Digital indicator module	24 V DC (+), common anode	8411/11-12-05	0,192
	Digital indicator module	24 V DC (-), common cathode	8411/11-22-05	0,195
	Digital indicator module with BCD-drive	24 V DC	8411/21-22-05	0,195

Add. to Ordering Code

Line length: 0.5 m = 05 (Standard)

Zone 1 & Zone 2

Technical Data																																																																																																																																																	
Version	Digital indicator module (with resistances) 8411/1	Digital indicator module for BCD-drive, 8411/2																																																																																																																																															
Certificates	ISSeP 00 ATEX 012 X	ISSeP 00 ATEX 012 X																																																																																																																																															
Explosion protection	II 2 G EEx mib IIC T6	II 2 G EEx mib IIC T6																																																																																																																																															
Rated voltage	5 V or 24 V DC positive oder negative potential	Supply: 24 V DC Input: 24 V DC																																																																																																																																															
Current consumption	approx. 15 mA	approx. 42 mA at 24 V and digit 8																																																																																																																																															
Schematic																																																																																																																																																	
Control	<p style="text-align: right;">Inputs</p> <table border="1"> <thead> <tr> <th>Indication</th> <th>0</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> </tr> </thead> <tbody> <tr><td></td><td>H</td><td>L</td><td>H</td><td>H</td><td>L</td><td>H</td><td>H</td><td>H</td><td>H</td><td>1</td></tr> <tr><td></td><td>H</td><td>L</td><td>L</td><td>L</td><td>H</td><td>H</td><td>H</td><td>L</td><td>H</td><td>2</td></tr> <tr><td></td><td>H</td><td>L</td><td>H</td><td>L</td><td>L</td><td>L</td><td>H</td><td>L</td><td>H</td><td>3</td></tr> <tr><td></td><td>H</td><td>L</td><td>H</td><td>H</td><td>L</td><td>H</td><td>H</td><td>L</td><td>H</td><td>4</td></tr> <tr><td></td><td>H</td><td>H</td><td>H</td><td>H</td><td>L</td><td>L</td><td>L</td><td>H</td><td>H</td><td>5</td></tr> <tr><td></td><td>L</td><td>L</td><td>H</td><td>H</td><td>H</td><td>H</td><td>H</td><td>L</td><td>H</td><td>6</td></tr> <tr><td></td><td>H</td><td>H</td><td>L</td><td>H</td><td>H</td><td>H</td><td>H</td><td>H</td><td>H</td><td>7</td></tr> </tbody> </table>	Indication	0	1	2	3	4	5	6	7	8	9		H	L	H	H	L	H	H	H	H	1		H	L	L	L	H	H	H	L	H	2		H	L	H	L	L	L	H	L	H	3		H	L	H	H	L	H	H	L	H	4		H	H	H	H	L	L	L	H	H	5		L	L	H	H	H	H	H	L	H	6		H	H	L	H	H	H	H	H	H	7	<p style="text-align: right;">Inputs</p> <table border="1"> <thead> <tr> <th>Indication</th> <th>0</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> </tr> </thead> <tbody> <tr><td></td><td>L</td><td>H</td><td>L</td><td>H</td><td>L</td><td>H</td><td>L</td><td>H</td><td>L</td><td>1</td></tr> <tr><td></td><td>L</td><td>L</td><td>H</td><td>H</td><td>L</td><td>L</td><td>H</td><td>H</td><td>L</td><td>2</td></tr> <tr><td></td><td>L</td><td>L</td><td>L</td><td>L</td><td>H</td><td>H</td><td>H</td><td>H</td><td>L</td><td>3</td></tr> <tr><td></td><td>L</td><td>L</td><td>L</td><td>L</td><td>L</td><td>L</td><td>L</td><td>L</td><td>H</td><td>4</td></tr> </tbody> </table>	Indication	0	1	2	3	4	5	6	7	8	9		L	H	L	H	L	H	L	H	L	1		L	L	H	H	L	L	H	H	L	2		L	L	L	L	H	H	H	H	L	3		L	L	L	L	L	L	L	L	H	4
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Input resistance	--	> 12,5 kΩ																																																																																																																																															
Enclosure material	Polyamide	Polyamide																																																																																																																																															
Height of digit	20 mm, red	20 mm, red																																																																																																																																															
Connection cable	8 x 0.75 mm ²	8 x 0.75 mm ²																																																																																																																																															
Degree of protection	IP 65	IP 65																																																																																																																																															
Ambient temperature	- 20 °C ... + 40 °C	- 20 °C ... + 40 °C																																																																																																																																															

Accessories and Spare Parts				
Designation	Illustration	Description	Ordering Code	Weight kg
Bezel		<input type="checkbox"/> 64 mm, for 1 or 2 Indicator modules	8603801587	0,500
		<input type="checkbox"/> 96 mm, for 3 indicator modules	8800/28-6-1	0,145

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.

