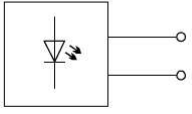
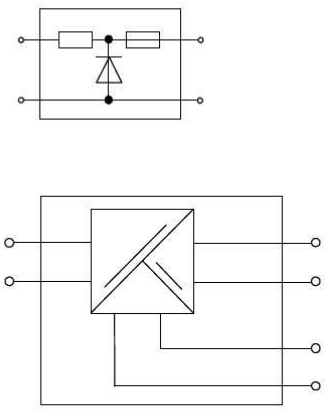


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1	2	3	4												
A	<p>HAZARDOUS LOCATIONS Class I, Div. 1, Groups ABCD T4 or Class I, Zone 0, AEx ia IIC T4 Ga or Class I, Zone 0, Ex ia IIC T4 Ga</p>		<p>NON-HAZARDOUS LOCATIONS Devices with I.S. output (see Certificate of the device used)</p>												
B	 LED Pilot light 8010														
C	<p>General Information:</p> <p>The pilot light 8010/ consists of an enclosure which may be fitted with one or two LED's. I.S. circuits are connected to this device.</p> <p>The I.S. pilot light complies to to following standards:</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"> United States Standards UL 913, Seventh Edition, Rev. 2011-09-23 UL 60079-0, Fifth Edition, Rev. 2009-12-08, and UL 60079-11, Sixth Edition. </td> <td style="width: 50%;"> Canadian National Standards CAN/CSA C22.2 No. 157-92, Reaffirmed 2012 CAN/CSA C22.2 No. 60079-0:11, and CAN/CSA C22.2 No. 60079-11:11. </td> </tr> </table> <p>Pilot light 8010/a-bc</p> <p>a = 3 for I.S. screw type terminal or 5 for I.S. cage clamp b c = rated voltage</p> <p>Entity parameters for wiring configurations are as follows:</p> <table style="width: 100%;"> <tr><td>V_{max.} (Ui)</td><td>30 V</td></tr> <tr><td>I_{max.} (Ii)</td><td>150 mA</td></tr> <tr><td>P_{max.} (Pi)</td><td>1 W</td></tr> <tr><td>Ci</td><td>0 µF</td></tr> <tr><td>Li</td><td>0 µH</td></tr> </table> <p>Notes:</p> <ol style="list-style-type: none"> Entity device connected in accordance with the certificate. For Entity concept use the appropriate parameters to ensure the following: $V_t \text{ or } V_{OC} \leq V_{max}$ $C_a \geq C_i + C_{leads}$ $P_o \leq P_{max} \text{ or } P_i$ $I_t \text{ or } I_{sc} \leq I_{max}$ $L_a \geq L_i + L_{leads}$ <p>If P_o of the associated apparatus is not known, it may be calculated using the formula $P_o = \frac{V_{oc} \cdot I_{sc}}{4} = \frac{(U_o \cdot I_o)}{4}$</p> <ol style="list-style-type: none"> Installation should be in accordance with Article 504/505 of the <i>National Electrical Code</i>, NFPA 70, CEC section 18. Use a general purpose enclosure suitable for the application. These modules are to be mounted on DIN rail. Ambient temperature: -20 °C ... +55 °C (any mounting position) WARNING - Substitution of Components may impair intrinsic safety. WARNING - Installation and maintenance of this device should only be performed by qualified personnel in accordance with the NEC (NFPA 70) or CEC and local codes. WARNING - To prevent ignition of flammable or combustible atmospheres, contact with other circuit must be avoided. 			United States Standards UL 913, Seventh Edition, Rev. 2011-09-23 UL 60079-0, Fifth Edition, Rev. 2009-12-08, and UL 60079-11, Sixth Edition.	Canadian National Standards CAN/CSA C22.2 No. 157-92, Reaffirmed 2012 CAN/CSA C22.2 No. 60079-0:11, and CAN/CSA C22.2 No. 60079-11:11.	V _{max.} (Ui)	30 V	I _{max.} (Ii)	150 mA	P _{max.} (Pi)	1 W	Ci	0 µF	Li	0 µH
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D															
E															

Control drawing				Maßstab scale
				1:1
			I.S. LED Pilot light series 8010	
			80 106 01 31 3	UL
			Zeichnung Nr. drawing no.	Rep. t. .
			Rep. f. .	A4

