



09766E00



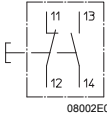


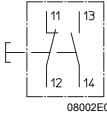





- > Enclosure made of glass fibre reinforced polyester resin
- > Modular design
- > 3 sizes available
- > Individual units can be combined into larger units
- > Standard and customer-specific versions
- > With contact elements 8208 for open-circuit and short-circuit monitoring
- > Versions with contact elements 8082 and 8208 for use up to SIL 2 and SIL 3, respectively





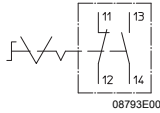

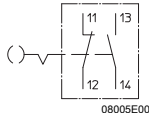

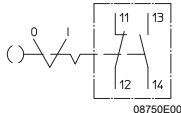

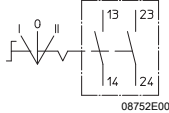



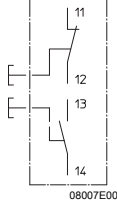


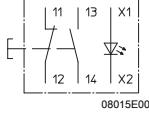
**WebCode 8040B**



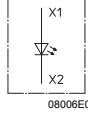

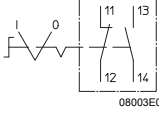

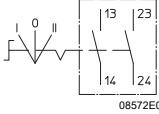


	ATEX / IECEx					
Zone	0	1	2	20	21	22
For use in		x	x		x	x

**E4**

Selection Table						Order number	Art. no.	PS	Weight kg
Version									
Pushbutton  01646E00	green  09240E00	 08002E00				<b>8040/1180X-01L50SA05</b>	<b>130686</b> ◀	11	0.370
Mushroom pushbutton  05792E00	Ø 38 mm	black  12627E00	 08002E00			<b>8040/1180X-03L24SA05</b>	<b>130813</b> ◀	11	0.400
Mushroom stay-put button  05712E00	Ø 38 mm EM-STOP	red  05600E00	 08793E00			<b>8040/1180X-10L07SA05</b>	<b>130679</b> ◀	11	0.400
	Ø 38 mm EM-STOP	red  05600E00	 08749E00			<b>8040/1180X-10L07SA08</b>	<b>130819</b> ◀	11	0.410

Selection Table




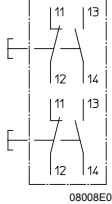



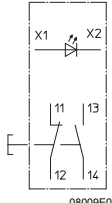




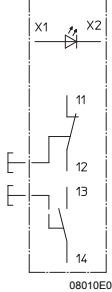

Version		Order number	Art. no.	PS	Weight kg
<p>Mushroom stay-put button</p>  <p>04679E00</p>	<p>Ø 55 mm EM-STOP</p> <p>red</p>  <p>05600E00</p>  <p>08793E00</p>	<b>8040 / 1180X-15L07SA05</b>	<b>130816</b> ◀	11	0.400
<p>Mushroom stay-put button</p>  <p>05769E00</p>	<p>Ø 38 mm EM-STOP</p> <p>red</p>  <p>08905E00</p>	<b>8040 / 1180X-09XXXSA05</b>	<b>130665</b> ◀	11	0.450
<p>Key-operated switch</p>  <p>05798E00</p>	<p>2 switching positions Key with drawble in 0 + I</p>  <p>08750E00</p>	<b>8040 / 1180X-08M01SA05</b>	<b>130902</b> ◀	11	0.450
<p>Key-operated switch</p>  <p>05725E00</p>	<p>3 switching positions Key with drawble in I + 0 + II</p>  <p>08752E00</p>	<b>8040 / 1180X-08M03SA04</b>	<b>130822</b>	11	0.450
<p>Twin pushbutton</p>  <p>05710E00</p>	<p>green</p>  <p>09240E00</p> <p>red</p>  <p>05596E00</p>  <p>08907E00</p>	<b>8040 / 1180X-23D01SA05</b>	<b>130825</b> ◀	11	0.400
<p>LED illuminated pushbutton</p>  <p>05797E00</p>	<p>spring return</p> <p>All colour filters included (clear, red, yellow, green, blue)</p>  <p>17596E00</p>  <p>08015E00</p>	<b>8040 / 1180X-35C06SA45</b>	<b>130828</b> ◀	11	0.400





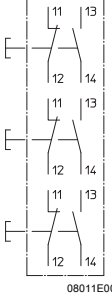




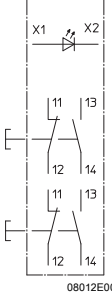





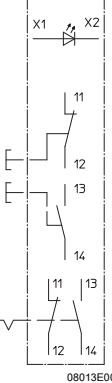
Selection Table		Order number	Art. no.	PS	Weight kg									
<p>Version</p>														
<p>LED indicating lamp</p>  <p>05800E00</p>	<p>All colour caps included (clear, red, yellow, green, blue)</p>  <p>17597E00</p>  <p>08006E00</p>	<b>8040/1180X-54C06SXXX</b>	<b>130890</b> ◀	11	0.125									
<p>Selector switch with contact element 8082</p>  <p>05794E00</p>	<p>2 switching positions</p>  <p>08003E00</p>	<b>8040/1180X-26M01SA05</b>	<b>130834</b> ◀	11	0.420									
<p>Selector switch with contact element 8082</p>  <p>05801E00</p>	<p>3 switching positions</p> <table border="1" data-bbox="590 1008 758 1097"> <tr> <td>I</td> <td>0</td> <td>II</td> </tr> <tr> <td>X</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>X</td> </tr> </table>  <p>08753E00      08572E00</p>	I	0	II	X					X	<b>8040/1180X-26M03SA04</b>	<b>130837</b> ◀	11	0.420
I	0	II												
X														
		X												
<p>Control switch, 2 pole with switch element 8008</p>  <p>05791E00</p>	<p><b>Control switch 8008, 2 pole</b> with large actuator, not padlockable Please state: • Contact arrangement, see switch 8008 • Labelling</p>	<b>8040/1180Z-31...F..</b>	<b>130841</b>	11	0.440									
<p>Control switch, 2 pole with switch element 8008</p>  <p>05726E00</p>	<p><b>Control switch 8008, 2 pole</b> with small actuator, padlockable in 1 position Please state: • Contact arrangement, see switch 8008 • Labelling</p>	<b>8040/1180Z-34...SF..</b>	<b>130845</b>	11	0.420									

E4

E4


Selection Table

Version		Order number	Art. no.	PS	Weight kg
<p>2 pushbuttons</p>  <p>05771E00</p>	<p>green</p>  <p>09240E00</p> <p>red</p>  <p>05596E00</p>  <p>08008E00</p>	<b>8040 / 1280X - 01L13SA05 - 01L08SA05</b>	<b>130692</b> ◀	11	0.460
<p>LED indicating lamp and pushbutton</p>  <p>05772E00</p>	<p>All colour caps included (clear, red, yellow, green, blue)</p>  <p>17597E00</p> <p>red</p>  <p>05596E00</p>  <p>08009E00</p>	<b>8040 / 1280X - 54C06SXXX - 01L08SA05</b>	<b>130852</b> ◀	11	0.460
<p>LED indicating lamp and twin pushbutton</p>  <p>02314E00</p>	<p>All colour caps included (clear, red, yellow, green, blue)</p>  <p>17597E00</p> <p>green</p>  <p>09240E00</p> <p>red</p>  <p>05596E00</p>  <p>08010E00</p>	<b>8040 / 1280X - 54C06SXXX - 23D01SA05</b>	<b>130898</b> ◀	11	0.540
<p>Ammeter 8405</p>  <p>05776E00</p>	<p><b>Ammeter 8405:</b> Please state: • Measurement range, see ammeter 8405 • Measuring method (direct = d or converter = W)</p>	<b>8040 / 1280Z - 40XXXXN . .</b>	<b>130858</b>	11	0.490


Selection Table		Order number	Art. no.	PS	Weight kg
<p>Version</p> <p>3 pushbuttons</p>  <p>05802E00</p>	<p>green</p>  <p>09240E00</p> <p>red</p>  <p>05596E00</p> <p>green</p>  <p>05598E00</p>  <p>08011E00</p>	<b>8040/1380X-01L13SA05-01L08SA05-01L15SA05</b>	<b>130861</b> ◀	11	0.580
<p>LED indicating lamp and 2 pushbuttons</p>  <p>03118E00</p>	<p>All colour caps included (clear, red, yellow, green, blue)</p>  <p>17597E00</p> <p>red</p>  <p>05596E00</p> <p>green</p>  <p>05598E00</p>  <p>08012E00</p>	<b>8040/1380X-54C06SXXX-01L13SA05-01L08SA05</b>	<b>130900</b> ◀	11	0.640
<p>LED indicating lamp, twin pushbutton and mushroom stay-put button</p>  <p>02315E00</p>	<p>All colour caps included (clear, red, yellow, green, blue)</p>  <p>17597E00</p> <p>green</p>  <p>09240E00</p> <p>red</p>  <p>05596E00</p> <p>red</p>  <p>05596E00</p>  <p>08013E00</p>	<b>8040/1380X-54C06SXXX-23D01SA05-09XXXSA05</b>	<b>130903</b> ◀	11	0.750

E4


Selection Table

Version		Order number	Art. no.	PS	Weight kg
<p>Ammeter 8405 and control switch 8008, 2 pole</p>  <p>05770E00</p>	<p><b>Ammeter 8405:</b> Please state: • Measurement range, see ammeter 8405 • Measuring method (direct = d or converter = W) <b>Control switch 8008, 2 pole</b> with large actuator, not padlockable Please state: • Contact arrangement, see switch 8008 • Labelling</p>	<p>8040 / 1380Z-40XXXXN... - 31...F..</p>	<p>130870</p>	<p>11</p>	<p>0.780</p>
<p>Control switch 8008, 4 pole</p>  <p>05775E00</p>	<p><b>Control switch 8008, 4 pole</b> with large actuator, not padlockable Please state: • Contact arrangement, see switch 8008 • Labelling</p>	<p>8040 / 2380Z-31E...F..</p>	<p>130874</p>	<p>11</p>	<p>0.770</p>
<p>Ammeter 8405 and control switch 8008, 4 pole</p>  <p>05777E00</p>	<p><b>Ammeter 8405:</b> Please state: • Measurement range, see ammeter 8405 • Measuring method (direct = d or converter = W) <b>Control switch 8008, 4 pole</b> with large actuator, not padlockable Please state: • Contact arrangement, see switch 8008 • Labelling</p>	<p>8040 / 2380Z-40XXXXN... - 31E...F..</p>	<p>130878</p>	<p>11</p>	<p>0.930</p>

Selection Table					
Version		Order number	Art. no.	PS	Weight kg
Control switch 8008, 4 pole and LED indicating lamp 8010	<p><b>Control switch 8008, 4-pole</b> with large actuator, not padlockable Please state:</p> <ul style="list-style-type: none"> <li>• Contact arrangement, see switch 8008</li> <li>• Labelling of switching position</li> </ul> <p><b>LED indicator lamp 8010:</b></p> <ul style="list-style-type: none"> <li>• All colour caps included red, yellow, green, blue, clear</li> </ul>	<b>8040/2380Z-54C06XXX-31E...F..</b>	<b>130882</b>	11	0.800



05778E00



17597E00

Technical Data	
Explosion protection	
Global (IECEX)	
Gas and dust	IECEX PTB 06.0025 Ex d e ia ib [ia Ga] mb q IIA, IIB, IIC, T6, T5, T4 Gb Ex tb IIIC T80°C, T95°C, T130°C Db
Europe (ATEX)	
Gas and dust	PTB 01 ATEX 1105 ⊕ II 2 G Ex d e ia ib [ia Ga] mb q IIA, IIB, IIC, T6, T5, T4 Gb ⊕ II 2 D Ex tb IIIC T80°C, T95°C, T130°C Db
Certifications and certificates	
Certificates	IECEX, ATEX, Kazakhstan (TR), Russia (TR), Belarus (TR)
Rated operational voltage	up to 690 V AC
Rated operational current	depends on components used
Operating temperature range	see components
Cable entry	Standard: 1 x M25 x 1.5; cable gland 8161; side below (D); directly mounted into enclosure wall Special: in side C (top) and/or side D (below); 1 x M20 x 1.5; 1 x M25 x 1.5 metal cable glands are possible; mounting of metal cable glands in metal flange or via metal adapter plate
Degree of protection	IP66 acc. to IEC/EN 60529 (others on request)
Flange	
Standard	without flange
Option	with flange made of polyester resin or brass, can be fitted on sides C and D
Material	
Enclosure	Polyester resin, glass fibre reinforced
Seal	Silicone, foamed
Cover fixing	with captive M4 stainless steel socket head cap screws

**Technical Data**

Version	Type 8008 Control switch
Certificates	
Global (IECEX)	IECEX PTB 06.0010U
Europe (ATEX)	PTB 00 ATEX 1111 U
Rated operational voltage	max. 690 V AC / 230 V DC
Rated operational current	max. 16 A
Ambient temperature at temperature class	T6 at 16 A:       -60 ... +40 °C T5 at 16 A:       -60 ... +55 °C T4 at 16 A:       -60 ... +60 °C

**Technical Data**

Version	Type 8082 Contact element																
Certificates																	
Global (IECEX)	IECEX PTB 06.0011U																
Europe (ATEX)	PTB 00 ATEX 1031 U																
Rated operational voltage	max. 500 V																
Ambient conditions																	
Ambient temperature at temperature class	T6: -60 ... +40 °C T4: -60 ... +55 °C -60 ... +70 °C on request																
Operating temperature range	-60 ... +100 °C																
Rated operating characteristics referring to utilization category	<table border="0"> <tr> <td><b>Service category AC 15</b></td> <td></td> </tr> <tr> <td>Rated operational voltage</td> <td>400 V</td> </tr> <tr> <td>Rated operational current</td> <td>max. 6 A</td> </tr> <tr> <td>Switching capacity</td> <td>max. 1000 VA</td> </tr> <tr> <td><b>Service category DC 13</b></td> <td></td> </tr> <tr> <td>Rated operational voltage</td> <td>110 V</td> </tr> <tr> <td>Rated operational current</td> <td>max. 6 A</td> </tr> <tr> <td>Switching capacity</td> <td>max. 110 W</td> </tr> </table>	<b>Service category AC 15</b>		Rated operational voltage	400 V	Rated operational current	max. 6 A	Switching capacity	max. 1000 VA	<b>Service category DC 13</b>		Rated operational voltage	110 V	Rated operational current	max. 6 A	Switching capacity	max. 110 W
<b>Service category AC 15</b>																	
Rated operational voltage	400 V																
Rated operational current	max. 6 A																
Switching capacity	max. 1000 VA																
<b>Service category DC 13</b>																	
Rated operational voltage	110 V																
Rated operational current	max. 6 A																
Switching capacity	max. 110 W																

**Technical Data**

Version	Type 8405 Ammeter
Certificates	
Global (IECEX)	IECEX PTB 06.0017 U
Europe (ATEX)	PTB 01 ATEX 2158 U
Ambient temperature at temperature class	T6: -50 ... +40 °C -50 ... +55 °C on request
Rated operational voltage	max. 690 V
Accuracy	Class 2.5

**Technical Data**

Version	Type 8010 Indicating lamp
Certificates	
Global (IECEX)	IECEX PTB 06.0016U
Europe (ATEX)	PTB 01 ATEX 1160 U
Ambient temperature at temperature class	T6: -60 ... +40 °C T4: -60 ... +55 °C -60 ... +60 °C on request
Rated operational voltage	Ex e: 12 ... 240 V, AC / DC (± 10%) Ex i: 10.8 ... 30 V DC
Rated operational current I <sub>e</sub>	Ex e: max. 15 mA Ex i: max. 150 mA
Frequency range	0 ... 60 Hz



**Dimensional Drawings** (All Dimensions in mm [inches]) - Subject to Alterations

**ConSig 8040/11** (04582E00)

**ConSig 8040/12** (04581E00)

**ConSig 8040/13** (04580E00)

**ConSig 8040/23** (04579E00)

**ConSig 8040/11 and ConSig 8040/12 device combination** (04583E00)

	Dimension a	
	min.	max.
M20	25 [0.98]	31 [1.22]
M25	27 [1.06]	33 [1.30]

Additional dimensions for 8161 cable glands

Flanges	Dimension b
brass	16 [0.63]
moulded material	16 [0.63]

Additional dimension for flanges

E4