



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



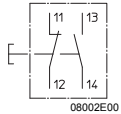



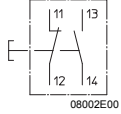


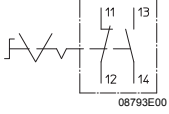

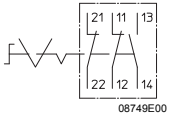


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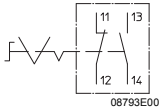

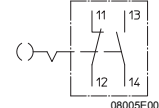

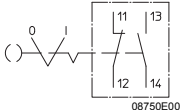

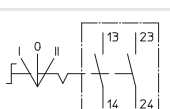



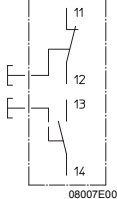

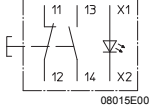
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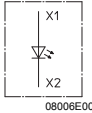

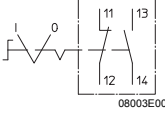

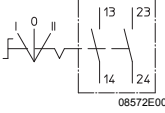


		ATEX / IECEx / GOST							NEC 505			NEC 506					NEC 500						
		0	1	2	20	21	22			Class I								Class I		Class II		Class III	
Zone								Zone		0	1	2	20	21	22	Division		1	2	1	2	1	2
For use			x	x			x	For use in			x	x				For use in		x	x*	x	x	x	x

x* = 8040/1 Canada





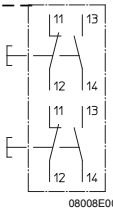



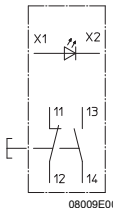




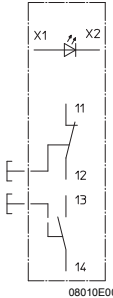
Selection Table						Order number	PS	Weight kg
Version								
Pushbutton  01646E00		green			8040 / 1180X-01L50BA05	11	0.370	
		red						
Mushroom button  05792E00	∅ 38 mm	black			8040 / 1180X-03L24BA05	11	0.400	
Mushroom stayput  05512E00	∅ 38 mm EM-STOP	red			8040 / 1180X-10L07BA05	11	0.400	
	∅ 38 mm EM-STOP	red						8040 / 1180X-10L07BA08



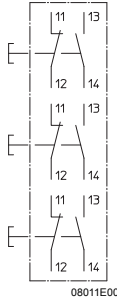

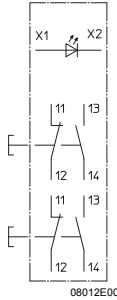

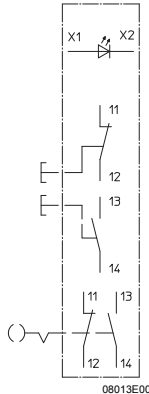
Selection Table

Version		Order number	PS	Weight kg
Mushroom stay-put button  <small>04679E00</small>	Ø 55 mm EM-STOP red  <small>05600E00</small>  <small>08793E00</small>	8040 / 1180X-15L07BA05	11	0.400
Mushroom stayput key release  <small>05769E00</small>	Ø 38 mm EM-STOP red  <small>08005E00</small>	8040 / 1180X-09XXBA05	11	0.450
Key-operated switch  <small>05798E00</small>	2 switching positions key withdrawable in 0 + I  <small>08750E00</small>	8040 / 1180X-08M01XA05	11	0.450
Key-operated switch  <small>05725E00</small>	3 switching positions key withdrawable in I + 0 + II  <small>08752E00</small>	8040 / 1180X-08M03XA04	11	0.450
Twin pushbutton  <small>05710E00</small>	green  <small>09240E00</small> red  <small>05596E00</small>  <small>08007E00</small>	8040 / 1180X-23D01BA05	11	0.400
LED illuminated pushbutton  <small>05797E00</small>	spring return All colour filters included (clear, red, yellow, green, blue)  <small>08015E00</small>	8040 / 1180X-35C06BA45	11	0.400


Selection Table		Order number	PS	Weight kg									
<p>Version</p> <p>LED indicating lamp</p>  <p>05800E00</p>	<p>All colour filters included (clear, red, yellow, green, blue)</p>  <p>08006E00</p>	8040 / 1180X-54C06XXXX	11	0.125									
<p>Selector switch with contact element 8082</p>  <p>05794E00</p>	<p>2 switching positions</p>  <p>08003E00</p>	8040 / 1180X-26M01XA05	11	0.420									
<p>Selector switch with contact element 8082</p>  <p>05801E00</p>	<p>3 switching positions</p> <table border="1" data-bbox="628 983 772 1061"> <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	8040 / 1180X-26M03XA04	11	0.420
I	0	II											
X													
		X											
<p>Control switch, 2 pole with switch element 8008</p>  <p>05791E00</p>	<p>Control switch 8008, 2 pole with large actuator, not padlockable Please state:</p> <ul style="list-style-type: none"> • Contact arrangement, see switch 8008 • Labelling 	8040 / 1180Z-31E...F..	11	0.440									
<p>Control switch, 2 pole with switch element 8008</p>  <p>05726E00</p>	<p>Control switch 8008, 2 pole with small actuator, padlockable in 1 position Please state:</p> <ul style="list-style-type: none"> • Contact arrangement, see switch 8008 • Labelling 	8040 / 1180Z-34E...XF..	11	0.420									

Selection Table

Version		Order number	PS	Weight kg	
Control switch, 2 pole with switch element 8008  05711E00	Control switch 8008, 2 pole with small actuator, not padlockable Please state: • Contact arrangement, see switch 8008 • Labelling	8040 / 1180Z-32E . . XF . .	11	0.420	
2 pushbuttons  05771E00	green  09240E00 red  05596E00	 08008E00	8040 / 1280X-01L13BA05-01L08BA05	11	0.460
LED indicating lamp and pushbutton  05772E00	All colour filters included (clear, red, yellow, green, blue) red  05596E00	 09767E00  08009E00	8040 / 1280X-54C06XXXX-01L08BA05	11	0.460
LED indicating lamp and twin pushbutton  02314E00	All colour filters included (clear, red, yellow, green, blue) green  09240E00 red  05596E00	 09767E00  08010E00	8040 / 1280X-54C06XXXX-23D01BA05	11	0.540

Selection Table		Order number	PS	Weight kg
Version				
<p>Ammeter 8405</p>  <p>05576E00</p>	<p>Ammeter 8405: Please state: • Measurement range, see ammeter 8405 • Measuring method (direct = d or converter = W)</p>	8040 / 1280Z-40XXXXN . .	11	0.490
<p>3 pushbuttons</p>  <p>05802E00</p>	<p>green 09240E00</p> <p>red 05596E00</p> <p>green 05596E00</p>  <p>08011E00</p>	8040 / 1380X-01L13BA05-01L08BA05-01L15BA05	11	0.580
<p>LED indicating lamp and 2 pushbuttons</p>  <p>03118E00</p>	<p>All colour filters included (clear, red, yellow, green, blue)</p> <p>red 09767E00</p> <p>green 05596E00</p>  <p>08012E00</p>	8040 / 1380X-54C06XXXX-01L13BA05-01L08BA05	11	0.640
<p>LED indicating lamp, twin pushbutton and mushroom stay-put button (key lock, key release)</p>  <p>02315E00</p>	<p>All colour filters included (clear, red, yellow, green, blue)</p> <p>green 09240E00</p> <p>red 05596E00</p> <p>red 05596E00</p>  <p>08013E00</p>	8040 / 1380X-54C06XXXX-23D01BA05-09XXXBA05	11	0.750

Selection Table

Version		Order number	PS	Weight kg
Ammeter 8405 and control switch 8008, 2 pole  <small>05770E00</small>	Ammeter 8405: Please state: • Measurement range, see ammeter 8405 • Measuring method (direct = d or converter = W) Control switch 8008, 2 pole with large actuator, not padlockable Please state: • Contact arrangement, see switch 8008 • Labelling	8040/1380Z-40XXXXN...-31E...F..	11	0.780
Control switch 8008, 4 pole  <small>05775E00</small>	Control switch 8008, 4 pole with large actuator, not padlockable Please state: • Contact arrangement, see switch 8008 • Labelling	8040/2380Z-31E...F..	11	0.770
Ammeter 8405 and control switch 8008, 4 pole  <small>05777E00</small>	Ammeter 8405: Please state: • Measurement range, see ammeter 8405 • Measuring method (direct = d or converter = W) Control switch 8008, 4 pole with large actuator, not padlockable Please state: • Contact arrangement, see switch 8008 • Labelling	8040/2380Z-40XXXXN...-31E...F..	11	0.930

Selection Table				
Version		Order number	PS	Weight kg
Control switch 8008, 4 pole and LED indicating lamp 8010	<p>Control switch 8008, 4 pole with large actuator, not padlockable Please state:</p> <ul style="list-style-type: none"> • Contact arrangement, see switch 8008 • Labelling <p>LED indicating lamp 8010:</p> <ul style="list-style-type: none"> • All colour filters included (red, yellow, green, blue, clear) 	8040 / 2380Z-54C06XXXX-31E...F..	11	0.800

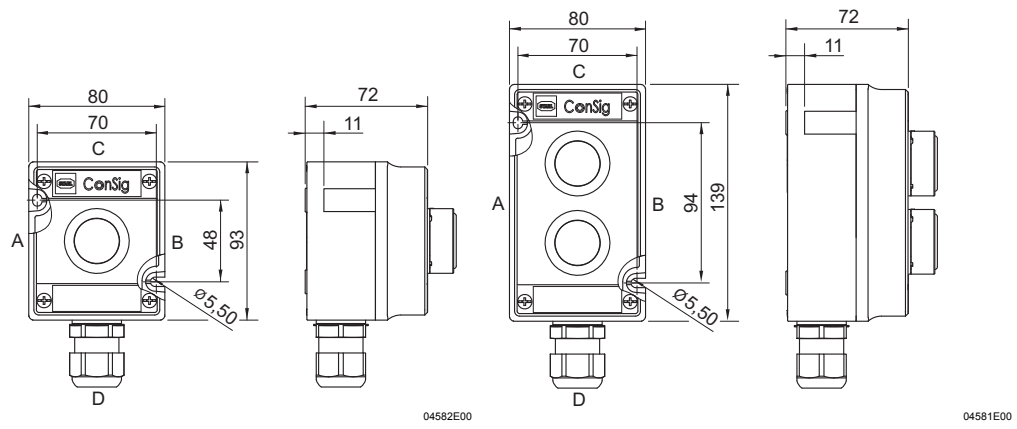


05778E00

Technical Data	
Explosion protection Global (IECEX) Gas and dust	IECEX PTB 06.0025 Ex de ia/ib [ia/ib] m II, IIA, IIB, IIC, T6, T5, T4 Ex tD A21 IP65 T80°C, T95°C
Europe (ATEX) Gas and dust	PTB 01 ATEX 1105 ⊕ II 2 G Ex edqm ia/ib [ia/ib] II, IIA, IIB, IIC, T6, T5, T4 ⊕ II 2 D Ex tD A21 IP65 T80°C, T95°C, T130°C
Certificates and approvals Certificates	IECEX, ATEX, Brazil (UL do Brasil), China (CQST Ex), Canada (CSA), Kazakhstan (GOST-K), Russia (GOST-R), Taiwan (ITRI), Ukraine (GOST-U), USA (UL), Belarus (GOST-B)
Rated operational voltage	max. 690 V AC
Rated operational current	depends on components used
Ambient temperature	-20 ... +40 °C -50 ... +60 °C on request
Cable entries	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
Flanges	In standard design the enclosures are without flanges; On request they can be fitted with flanges on sides C and D. Flanges are available in: polyester resin or in brass.
Ingress Protection	IP66
Flange	
Standard	without
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	PU foam
Cover fixing	with captive M4 stainless steel socket head cap screws

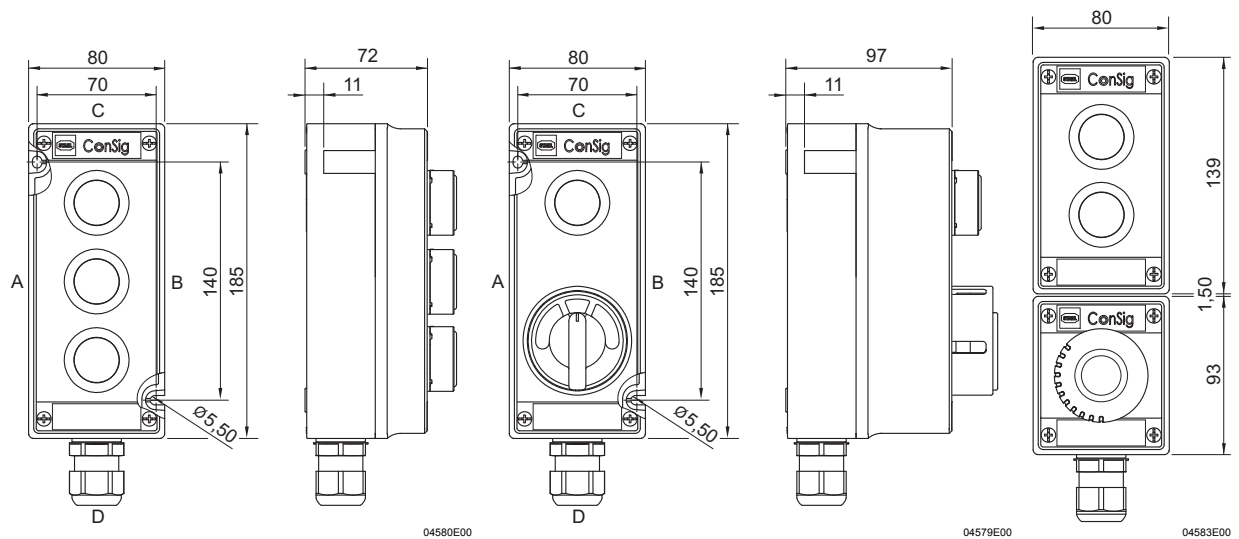
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Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



ConSig 8040/11

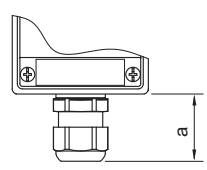
ConSig 8040/12



ConSig 8040/13

ConSig 8040/23

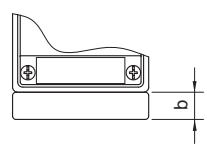
ConSig 8040/11 and ConSig 8040/12 combination



04584E00

Additional dimensions for cable entries and cable glands Series 8161

	Dim. a [mm]	
	min.	max.
M20	25	31
M25	27	33



04585E00

Additional dimensions for flanges

Flanges	Dim. b [mm]
Brass	16
Moulded material	16