



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



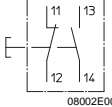

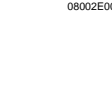


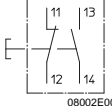


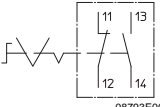

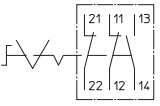


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WebCode 8040B



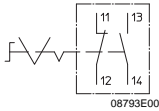

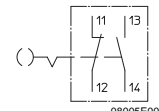

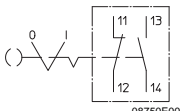

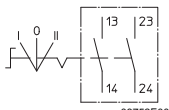



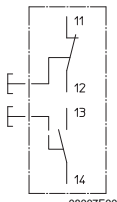

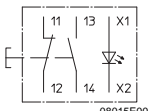
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		0	1	2	20	21	22	Zone			0	1	2	20	21	22	Division		1	2	1	2	1	2	
For use			x	x		x	x	For use in				x	x				For use in			x	x*	x	x	x	x


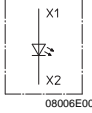

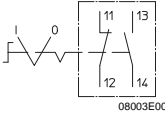

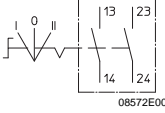


x* = 8040/1 Canada

Selection Table										Order number		PS		Weight kg	
Version															
Pushbutton  <small>01646E00</small>		green			8040 / 1180X-01L50BA05	11	0.370								
		red													
Mushroom button  <small>05792E00</small>	∅ 38 mm	black			8040 / 1180X-03L24BA05	11	0.400								
Mushroom stayput  <small>05512E00</small>	∅ 38 mm EM-STOP	red			8040 / 1180X-10L07BA05	11	0.400								
	∅ 38 mm EM-STOP	red			8040 / 1180X-10L07BA08	11	0.410								

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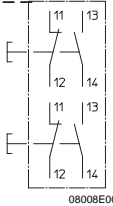


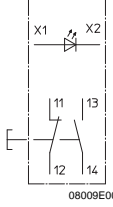



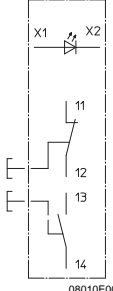
Selection Table






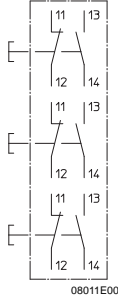



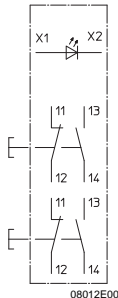




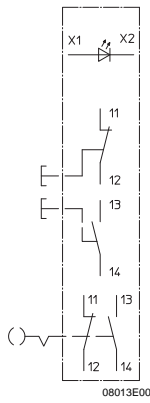
Version		Order number	PS	Weight kg
<p>Mushroom stay-put button</p>  <p>04679E00</p>	<p>Ø 55 mm EM-STOP</p> <p>red</p>  <p>05600E00</p>  <p>08793E00</p>	8040 / 1180X-15L07BA05	11	0.400
<p>Mushroom stayput key release</p>  <p>05769E00</p>	<p>Ø 38 mm EM-STOP</p> <p>red</p>  <p>08005E00</p>	8040 / 1180X-09XXXBA05	11	0.450
<p>Key-operated switch</p>  <p>05798E00</p>	<p>2 switching positions key withdrawable in 0 + I</p>  <p>08750E00</p>	8040 / 1180X-08M01XA05	11	0.450
<p>Key-operated switch</p>  <p>05725E00</p>	<p>3 switching positions key withdrawable in I + 0 + II</p>  <p>08752E00</p>	8040 / 1180X-08M03XA04	11	0.450
<p>Twin pushbutton</p>  <p>05710E00</p>	<p>green</p>  <p>09240E00</p> <p>red</p>  <p>05596E00</p>  <p>08007E00</p>	8040 / 1180X-23D01BA05	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>08015E00</p>	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="628 910 788 995"> <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: • Contact arrangement, see switch 8008 • Labelling</p>	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: • Contact arrangement, see switch 8008 • Labelling</p>	8040 / 1180Z-34E...XF..	11	0.420									

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Selection Table

Version		Order number	PS	Weight kg
Control switch, 2 pole with switch element 8008	 <small>05711E00</small>	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	 <small>05771E00</small>	green  <small>09240E00</small> red  <small>05596E00</small>	 <small>08008E00</small>	8040 / 1280X-01L13BA05-01L08BA05 11 0.460
LED indicating lamp and pushbutton	 <small>05772E00</small>	All colour filters included (clear, red, yellow, green, blue) red  <small>05596E00</small>	 <small>08009E00</small>	8040 / 1280X-54C06XXXX-01L08BA05 11 0.460
LED indicating lamp and twin pushbutton	 <small>02314E00</small>	All colour filters included (clear, red, yellow, green, blue) green  <small>09240E00</small> red  <small>05596E00</small>	 <small>08010E00</small>	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</p>  <p>09240E00</p> <p>red</p>  <p>05596E00</p> <p>green</p>  <p>05598E00</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</p>  <p>05596E00</p> <p>green</p>  <p>05598E00</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</p>  <p>09240E00</p> <p>red</p>  <p>05596E00</p> <p>red</p>   <p>08013E00</p>	8040 / 1380X-54C06XXXX-23D01BA05-09XXXBA05	11	0.750

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Selection Table

Version		Order number	PS	Weight kg
Ammeter 8405 and control switch 8008, 2 pole  <small>05770E00</small>	Ammeter 8405: Please state: <ul style="list-style-type: none"> • Measurement range, see ammeter 8405 • Measuring method (direct = d or converter = W) Control switch 8008, 2 pole with large actuator, not padlockable Please state: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • Measurement range, see ammeter 8405 • Measuring method (direct = d or converter = W) Control switch 8008, 4 pole with large actuator, not padlockable Please state: <ul style="list-style-type: none"> • 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

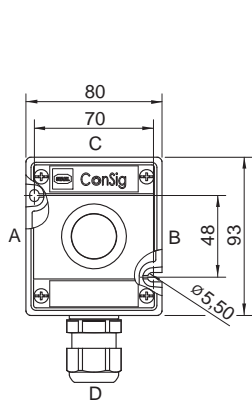


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Technical Data	
Explosion protection Global (IECEx) Gas and dust	IECEx PTB 06.0025 Ex de ia/ib [ia/ib] m II, IIA, IIB, IIC, T6, T5, T4 Ex tD A21 IP65 T80°C, T95°C
Europe (ATEX) Gas and dust	PTB 01 ATEX 1105 ⊕ II 2 G Ex edqm ia/ib [ia/ib] II, IIA, IIB, 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

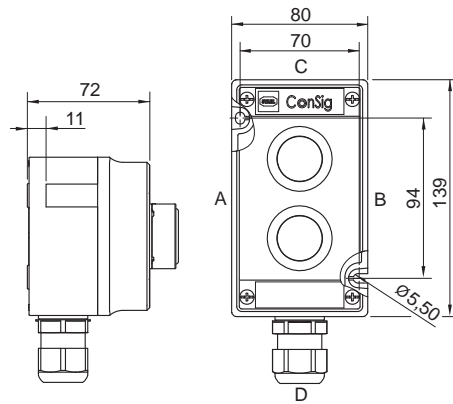
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Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



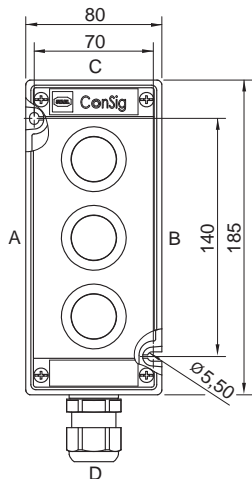
ConSig 8040/11

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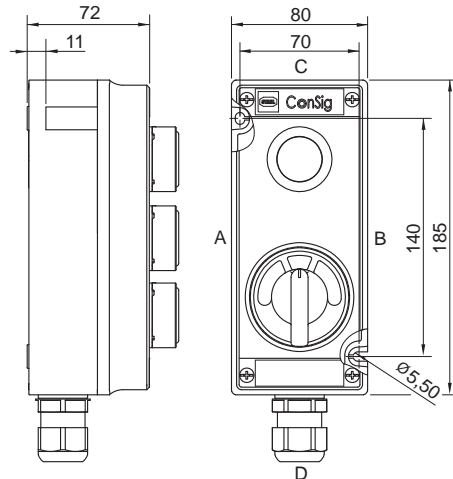
ConSig 8040/12

04581E00



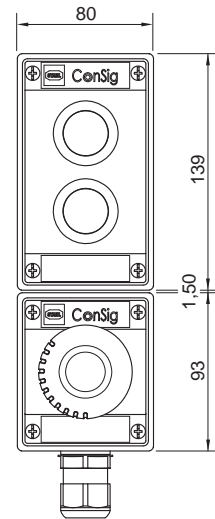
ConSig 8040/13

04580E00



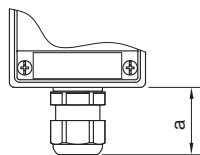
ConSig 8040/23

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ConSig 8040/11 and ConSig 8040/12 combination

04583E00

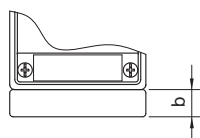


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Additional dimensions for cable entries and cable glands Series 8161

Dim. a [mm]

	min.	max.
M20	25	31
M25	27	33



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Additional dimensions for flanges

Flanges

Dim. b [mm]

Brass	16
Moulded material	16