



01719E00

The enclosure Series ConSig 8040 makes it possible to assemble different control units in a clear layout. Due to the fact that a wide range of control devices is available this enclosure covers a broad field of applications.

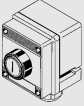

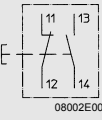

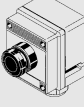

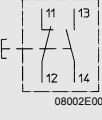
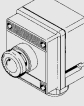

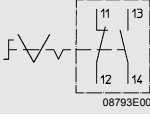

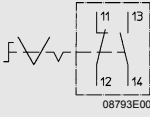

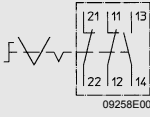
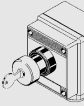
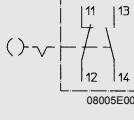
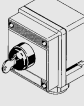
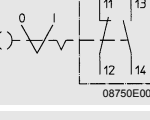
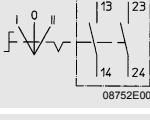
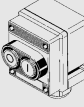

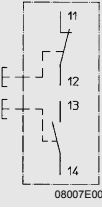

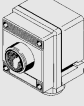
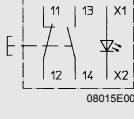
STAHL

Control Unit System Series ConSig 8040

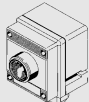
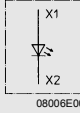
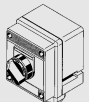
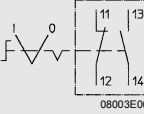
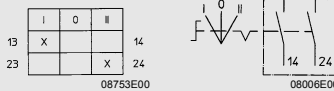
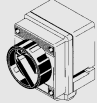
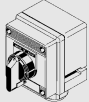
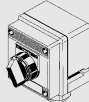
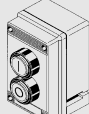


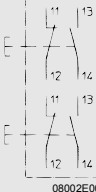
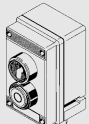


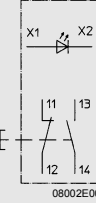
- Explosion protection to
 - CENELEC
 - IEC
 - NEC
- For use in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Standard and customized units
- 3 sizes available
- Enclosures in glass fibre reinforced polyester resin
- Up to 3 insertion points available per individual unit
- Individual units can be combined into larger units
- Options:
 - flanges in brass or moulded plastic
 - metal plates where metal cable entries are used
 - equipment identification plate can be attached
- Contact blocks 8082 and 8208 with SIL certificates
- On request with contact block 8208 for extra low currents, with open-circuit and short-circuit monitoring

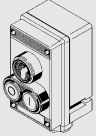



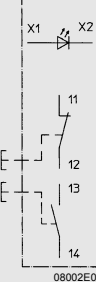
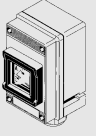
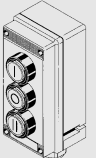



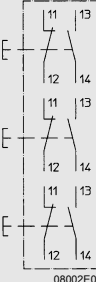
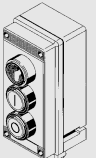



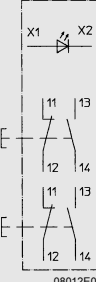
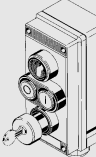



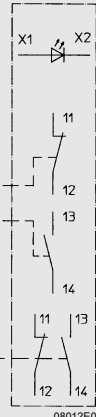
Zones 1 & 2, 21 & 22



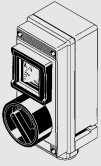
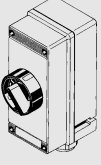
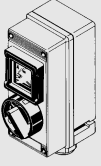
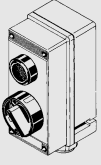
Selection table					
Version				Ordering code	Weight kg
Pushbutton  <small>05508E00</small>	green	 <small>09240E00</small>		8040 / 1180 . 001+0 / rt / I / gn - 060	0,370
	red	 <small>09240E00</small>			
Mushroom button  <small>05507E00</small>	∅ 38 mm	black  <small>09240E00</small>		8040 / 1180 . 003+I / sw - 060	0,400
Mushroom stayput  <small>05511E00</small>	∅ 38 mm EM-STOP	red  <small>05600E00</small>		8040 / 1180 . 010 - 060	0,400
	∅ 55 mm EM-STOP	red  <small>05600E00</small>		8040 / 1180 . 015 - 060	0,400
	∅ 38 mm EM-STOP	red  <small>05600E00</small>		8040 / 1180 . 010 - 762	0,410
Mushroom stayput key release  <small>05510E00</small>	∅ 38 mm red EM-STOP			8040 / 1180 . 009 - 060	0,450
Key-operated switch  <small>05509E00</small>	2 switching positions key withdrawable in 0 + I			8040 / 1180 . 008+2r - 060	0,450
	3 switching positions key withdrawable in I + 0 + II			8040 / 1180 . 008+3rr - 062	0,450
Twin pushbutton  <small>05516E00</small>	green	 <small>09240E00</small>		8040 / 1180 . 023+I / gn / 0 / rt - 060	0,400
	red	 <small>09240E00</small>			
Illuminated pushbutton  <small>05512E00</small>	spring return All colour filters included (clear, red, yellow, green, blue)			8040 / 1180 . 735+al - 737	0,400

Selection table

Version		Ordering code	Weight kg
 <p>05512E00</p>	<p>Diode indicating lamp</p> <p>All colour filters included (clear, red, yellow, green, blue)</p>  <p>08006E00</p>	8040 / 1180 . 054+al - 064	0,125
 <p>05729E00</p>	<p>2 switching positions</p>  <p>08003E00</p>	8040 / 1180 . 726+2r - 060	0,420
	<p>3 switching positions</p>  <p>08753E00</p>	8040 / 1180 . 726+3rr - 062	0,420
 <p>05515E00</p>	<p>with large actuator not padlockable</p> <p>Please state: Switch > Contact arrangement (see switch 8008) > Labeling</p>	8040 / 1180 . 731+ __ - 160+ __	0,440
 <p>05514E00</p>	<p>with small actuator padlockable in 1 position</p> <p>Please state: Switch > Contact arrangement (switch 8008) > Labeling</p>	8040 / 1180 . 734+ __ - 160+ __	0,420
 <p>05513E00</p>	<p>with small actuator not padlockable</p> <p>Please state: Switch > Contact arrangement (switch 8008) > Labeling</p>	8040 / 1180 . 732+ __ - 160+ __	0,420
 <p>05519E00</p>	<p>green</p>  <p>09240E00</p> <p>red</p>  <p>09240E00</p>  <p>08002E00</p>	8040 / 1280 . 001+I/ gn - 060 . 001+0/ rt - 060	0,460
 <p>05520E00</p>	<p>All colour filters included (clear, red, yellow, green, blue)</p> <p>red</p>  <p>09767E00</p>  <p>09240E00</p>  <p>08002E00</p>	8040 / 1280 . 054+al - 064 . 001+0/ rt - 060	0,460

Selection table			
Version		Ordering code	Weight kg
<p>Diode indicating lamp and twin pushbutton</p>  <p>05521E00</p>	<p>All colour filters included (clear, red, yellow, green, blue)</p> <p>green</p>  <p>09767E00</p> <p>red</p>  <p>09240E00</p>  <p>09240E00</p>  <p>08002E00</p>	<p>8040 / 1280 . 054+al - 064 .023+I/gn / 0 / rt</p>	0,540
<p>Ammeter 8405</p>  <p>05525E00</p>	<p>Please state: Ammeter > Measurement range, see ammeter 8405 > Measuring method (direct = d or converter = W)</p>	<p>8040 / 1280 . 740 - 086+__</p>	0,490
<p>Tripple pushbutton</p>  <p>05522E00</p>	<p>green</p>  <p>09240E00</p> <p>red</p>  <p>09240E00</p> <p>green</p>  <p>05598E00</p>  <p>08002E00</p>	<p>8040 / 1380 . 001+I / gn - 060 .001+0 / rt - 060 .001+II / gn - 060</p>	0,580
<p>2 pushbuttons with indicating lamp</p>  <p>05524E00</p>	<p>All colour filters included (clear, red, yellow, green, blue)</p> <p>green</p>  <p>09767E00</p> <p>red</p>  <p>09240E00</p>  <p>09240E00</p>  <p>08012E00</p>	<p>8040 / 1380 . 054+al - 064 .001+I / gn - 060 .001+0 / rt - 060</p>	0,640
<p>Twin pushbutton with mushroom stayput key release and indicating lamp</p>  <p>05523E00</p>	<p>All colour filters included (clear, red, yellow, green, blue)</p> <p>green</p>  <p>09767E00</p> <p>red</p>  <p>09240E00</p> <p>red</p>  <p>09240E00</p>  <p>08012E00</p>	<p>8040 / 1380 . 054+al - 064 .023+I / gn / 0 / rt - 060 .009+MS1 - 060</p>	0,750



Selection table			
Version		Ordering code	Weight kg
Ammeter 8405 and control switch 8008, 2 pole  <small>05732E00</small>	Please state: Ammeter > Measurement range, see ammeter 8405 > Measuring method (direct = d or converter = W) Switch > Contact arrangement (switch 8008) > Labeling	8040/1380.740-086+__ .731+__-160+__	0,780
Control switch 8008, 4 pole  <small>05707E00</small>	with large actuator not padlockable Please state: Switch > Contact arrangement (switch 8008) > Labeling	8040/2380.731+__-161+__.	0,770
Control switch 8008, 4 pole and ammeter  <small>05708E00</small>	Control switch 8008 4 pole, with large rotary actuator not padlockable, ammeter 8405 Please state: Ammeter > Measurement range, see ammeter 8405 > Measuring method (direct = d or converter = W) Switch > Contact arrangement (switch 8008) > Labeling	8040/2380.740-086+__ .731+__-161+__.	0,930
Control switch 8008, 4 pole and indicating lamp  <small>05709E00</small>	Control switch 8008 4 pole with large rotary actuator not padlockable Please state: Switch > Contact arrangement (switch 8008) > Labeling Indicating lamp 8010 > All colour filters included (clear, red, yellow, green, blue)	8040/2380.054+al-064 .731+__-161+__.	0,800

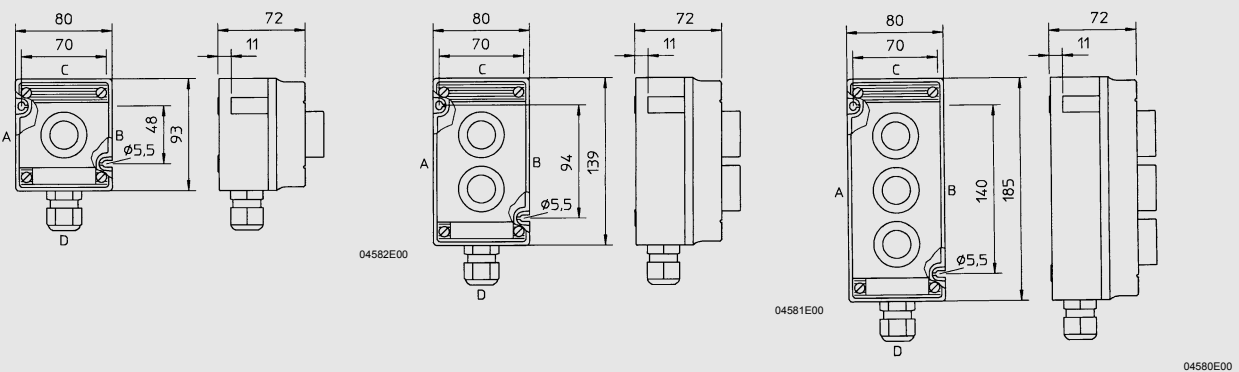
STAHL

Technical Data	
Explosion protection	
Gas explosion protection	⊕ II 2 G EEx edmq ia / ib [ja / ib] IIC T6
Dust explosion protection	⊕ II 2 D IP 66 T80 °C, T95 °C
Certificates	
Gas explosion protection	PTB 01 ATEX 1105
Dust explosion protection	LCIE 02 ATEX 6238
Other certificates	SIMTARS (Australia), CSA (Canada), UL (USA), VNIIEF (Russia), UL do Brasil (Brazil)
Rated voltage	max. 690 V, AC
Rated working current	dependent on components used
Ambient temperature	- 20 °C ... + 40 °C - 50 °C ... + 60 °C on request

Technical Data

Cable entries	Standard: 1 x M 25 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 M 20 x 1.5; 1 x M 25 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, powder-coated, dark grey similar to RAL 7024
Degree of protection	IP 66
Material	
Housing	Polyester resin (glass fibre-reinforced)
Gaskets	PU foam
Cover fixing	M 4, cheese head screws, imprescriptible, stainless steel

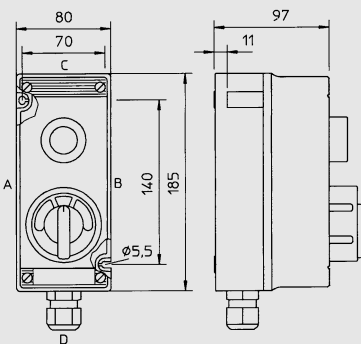
Dimension drawings (all dimensions in mm) - subject to alterations



ConSig 8040/11

ConSig 8040/12

ConSig 8040/13



ConSig 8040/23

ConSig 8040/11
and
ConSig 8040/12
combination

	a [mm]	
	min.	max.
M 20	25	31
M 25	27	33

Additional dimensions for cable glands Series 8161

Flange	b [mm]
Brass	16
Plastic	16

Additional dimensions for flanges

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.

