



01719E00

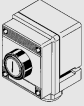
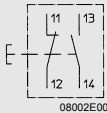
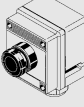
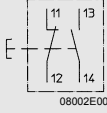
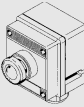
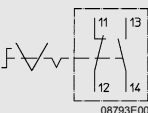
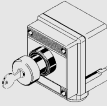
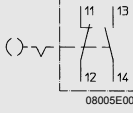
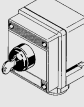
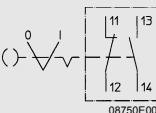
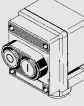
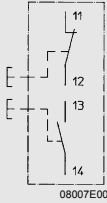
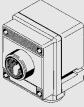
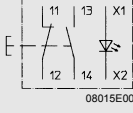
STAHL

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.

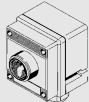
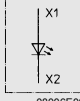
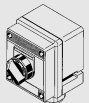
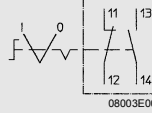
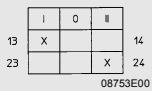
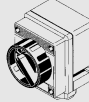
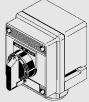
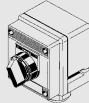
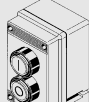
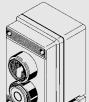
Control Unit System Series ConSig 8040

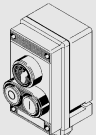
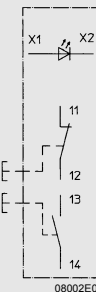
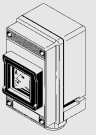
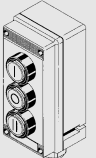
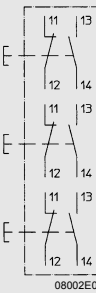
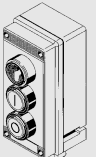
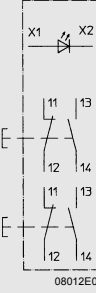
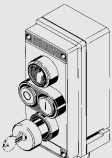
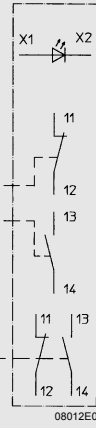
- Explosion protection to
 - CENELEC
 - IEC
 - NEC
- For use in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Standard and customized units
- 3 sizes available
- Enclosures in glass fibre reinforced polyester resin
- Up to 3 insertion points available per individual unit
- Individual units can be combined 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

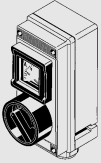
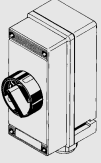
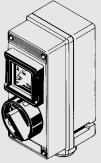
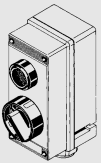
Selection table					Ordering code	Weight kg
Version						
Pushbutton  05506E00		green	 09240E00	 08002E00	8040 / 1180 . 001+0 / rt / l / gn - 060	0,370
		red	 09240E00			
Mushroom button  05507E00	Ø 38 mm	black	 09240E00	 08002E00	8040 / 1180 . 003+I / sw - 060	0,400
Mushroom stayput  05511E00	Ø 38 mm EM-STOP	red	 05600E00	 08793E00	8040 / 1180 . 010 - 060	0,400
	Ø 55 mm EM-STOP	red	 05600E00	 08793E00	8040 / 1180 . 015 - 060	0,400
	Ø 38 mm EM-STOP	red	 05600E00	 09258E00	8040 / 1180 . 010 - 762	0,410
Mushroom stayput key release  05510E00	Ø 38 mm red EM-STOP			 08005E00	8040 / 1180 . 009 - 060	0,450
Key-operated switch  05509E00	2 switching positions key withdrawable in 0 + I			 08750E00	8040 / 1180 . 008+2r - 060	0,450
	3 switching positions key withdrawable in I + 0 + II			 08752E00	8040 / 1180 . 008+3rr - 062	0,450
Twin pushbutton  05516E00		green	 09240E00	 08007E00	8040 / 1180 . 023+I / gn / 0 / rt - 060	0,400
		red	 09240E00			
Illuminated pushbutton  05512E00	spring return All colour filters included (clear, red, yellow, green, blue)			 08015E00	8040 / 1180 . 735+al - 737	0,400

Selection table

Version		Ordering code	Weight kg
Indicating lamp  05512E00	Diode indicating lamp All colour filters included (clear, red, yellow, green, blue)  08006E00	8040/1180.054+al-064	0,125
Selector switch with switch element 8082  05729E00	2 switching positions  08003E00	8040/1180.726+2r-060	0,420
	3 switching positions  08753E00	8040/1180.726+3rr-062	0,420
Control switch with switch 8008 and large actuator  05515E00	with large actuator not padlockable Please state: Switch > Contact arrangement (see switch 8008) > Labeling	8040/1180.731+__-160+__	0,440
Control switch with switch 8008 and small actuator, padlockable  05514E00	with small actuator padlockable in 1 position Please state: Switch > Contact arrangement (switch 8008) > Labeling	8040/1180.734+__-160+__	0,420
Control switch with switch 8008 and small actuator, not padlockable  05513E00	with small actuator not padlockable Please state: Switch > Contact arrangement (switch 8008) > Labeling	8040/1180.732+__-160+__	0,420
Twin pushbutton  05519E00	green  09240E00 red  09240E00  08002E00	8040/1280.001+I/gn-060 .001+0/rt-060	0,460
Diode indicating lamp and pushbutton  05520E00	All colour filters included (clear, red, yellow, green, blue) red  09767E00  09240E00  08002E00	8040/1280.054+al-064 .001+0/rt-060	0,460

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

Selection table

Version		Ordering code	Weight kg
Ammeter 8405 and control switch 8008, 2 pole  05732E00	Please state: Ammeter > Measurement range, see ammeter 8405 > Measuring methode (direct = d or converter = W) Switch > Contact arrangement (switch 8008) > Labeling	8040/1380.740-086+__ .731+__-160+__	0,780
Control switch 8008, 4 pole  05707E00	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  05708E00	Control switch 8008 4 pole, with large rotary actuator not padlockable, ammeter 8405 Please state: Ammeter > Measurement range, see ammeter 8405 > Measuring methode (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  05709E00	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 [ia / 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

