

CONSIG 8040 SERIES

CONTROL UNIT SYSTEM

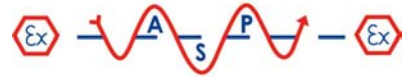


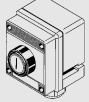

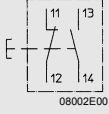

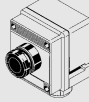

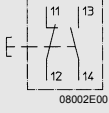
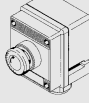

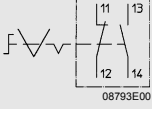

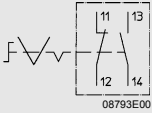

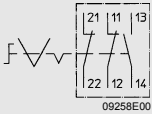
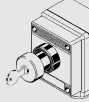
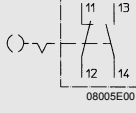
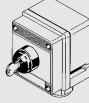
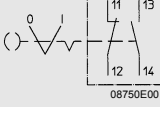
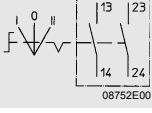
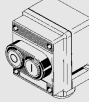

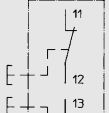

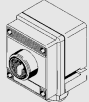
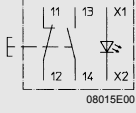
**Control Unit System
Series ConSig 8040**

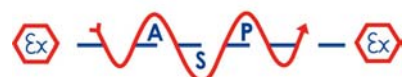
- Explosion protection to
 - CENELEC
 - IEC
 - NEC
- For use in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Standard and customized units
- 3 sizes available
- Enclosures in glass fibre reinforced polyester resin
- Up to 3 insertion points available per individual unit
- Individual units can be combined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

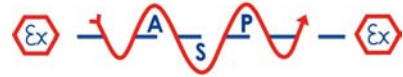
The enclosure Series ConSig 8040 makes it possible to assemble different control units in a clear layout. Due to the fact that a wide range of control devices is available this enclosure covers a broad field of applications.

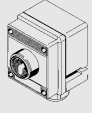
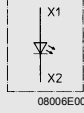
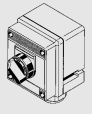
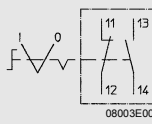
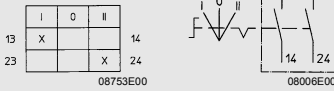
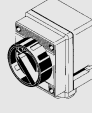
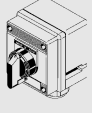
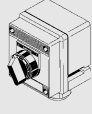
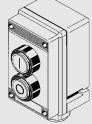


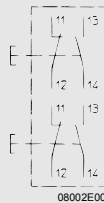
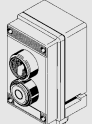

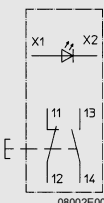


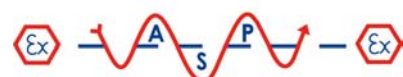


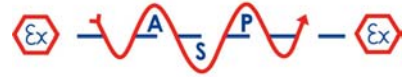
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Version				Ordering code	Weight kg
 05506E00		green	 09240E00	 08002E00	8040/1180.001+0/rt/I/gn-060 0,370
		red	 09240E00		
 05507E00	∅ 38 mm	black	 09240E00	 08002E00	8040/1180.003+I/sw-060 0,400
 05511E00	∅ 38 mm EM-STOP	red	 05600E00	 08793E00	8040/1180.010-060 0,400
	∅ 55 mm EM-STOP	red	 05600E00	 08793E00	8040/1180.015-060 0,400
	∅ 38 mm EM-STOP	red	 05600E00	 09258E00	8040/1180.010-762 0,410
 05510E00	∅ 38 mm red EM-STOP			 08005E00	8040/1180.009-060 0,450
 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
 05516E00		green	 09240E00	 08007E00	8040/1180.023+I/gn/0/rt-060 0,400
		red	 09240E00		
 05512E00	spring return All colour filters included (clear, red, yellow, green, blue)			 08015E00	8040/1180.735+al-737 0,400

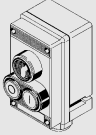



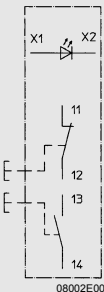

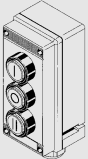




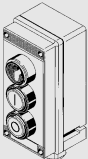




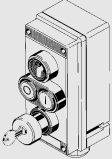






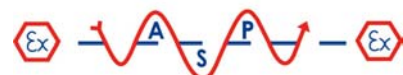


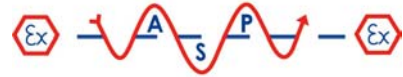
Selection table			
Version		Ordering code	Weight kg
Indicating lamp  05512E00	Diode indicating lamp All colour filters included (clear, red, yellow, green, blue)	 08006E00	8040 / 1180 . 054+al-064 0,125
Selector switch with switch element 8082  05729E00	2 switching positions	 08003E00	8040 / 1180 . 726+2r-060 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+l/gn-060 .001+0/rt-060 0,460
Diode indicating lamp and pushbutton  05520E00	All colour filters included (clear, red, yellow, green, blue) red  09240E00	 08002E00	8040 / 1280 . 054+al-064 .001+0/rt-060 0,460

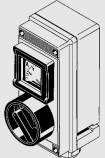
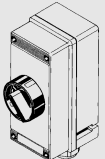
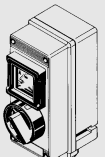
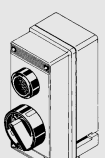




Selection table					
Version				Ordering code	Weight kg
<p>Diode indicating lamp and twin pushbutton</p>  <p>05521E00</p>	<p>All colour filters included (clear, red, yellow, green, blue)</p> <p>green</p> <p>red</p>	 09767E00  09240E00  09240E00	 08002E00	<p>8040/1280.054+al-064 .023+I/gn/0/rt</p>	0,540
<p>Ammeter 8405</p>  <p>05525E00</p>	<p>Please state: Ammeter > Measurement range, see ammeter 8405 > Measuring methode (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>red</p> <p>green</p>	 09240E00  09240E00  05598E00	 08002E00	<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>red</p>	 09767E00  09240E00  09240E00	 08012E00	<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>red</p> <p>red</p>	 09767E00  09240E00  09240E00	 08012E00	<p>8040/1380.054+al-064 .023+I/gn/0/rt-060 .009+MS1-060</p>	0,750

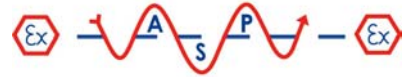




Selection table			
Version		Ordering code	Weight kg
Ammeter 8405 and control switch 8008, 2 pole  05732E00	Please state: Ammeter > Measurement range, see ammeter 8405 > Measuring methode (direct = d or converter = W) Switch > Contact arrangement (switch 8008) > Labeling	8040 / 1380 .740-086+__ .731+ __ -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

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

ConSig 8040/11 **ConSig 8040/12** **ConSig 8040/13**

	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

ConSig 8040/23 **ConSig 8040/11 and ConSig 8040/12 combination**

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.

Supplied by:



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Electrical Products & Instrumentation

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