

Control Switches

Series 8008



www.stahl.de



03134E00

- > Versions
 - Control switch with 2, 3 or 4 pole
 - Load switch 3 pole + 1 auxiliary contact
- > Up to a maximum of 4 poles
- > NC contacts with positive opening, suitable for EMERGENCY STOP functions
- > Latching or spring-return versions available



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The control switch of the Series 8008 can be used for EMERGENCY STOP functions according to IEC/EN 60204, DIN VDE 0113. The switching function can be selected and is available in latching or spring-return version.

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


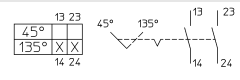
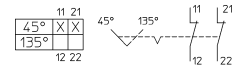
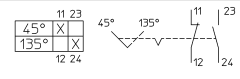
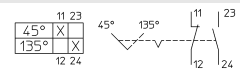
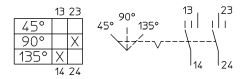
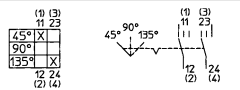
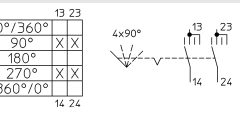
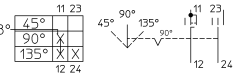
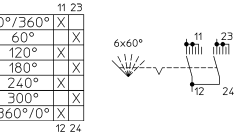
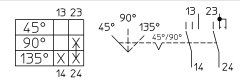
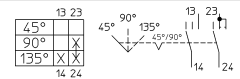
Explosion Protection	
Marking	
IECEX	Ex de IIC Ex de I
Europe (ATEX)	II 2 G Ex de IIC I M Ex de I
Certificates	
IECEX	IECEX PTB 06.0010 U
Europe (ATEX)	PTB 00 ATEX 1111 U
Further certificates	India (PESO), Canada (CSA, UL), USA (FM, UL), Belarus (Gospromnadzor)

WebCode 8008A

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Selection Table


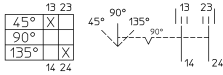
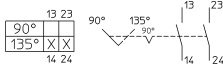
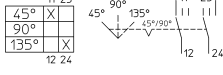
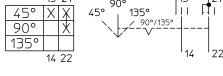
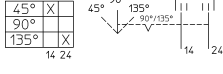
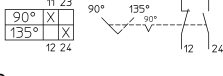
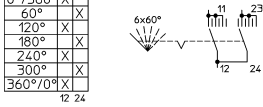
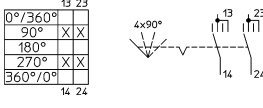
Version	Switching arrangements Assembly Additional information	Order number	Weight kg
8008/2 Control switch, 2 pole  <small>01832E00</small>	002  <small>08765E00</small>	8008 / 2 - 002	0.128
	005  <small>07134E00</small>	8008 / 2 - 005	0.128
	016  <small>08857E00</small>	8008 / 2 - 016	0.128
	016 Gold contacts  <small>08857E00</small>	8008 / 2 - 016 - AU	0.128
	025  <small>08754E00</small>	8008 / 2 - 025	0.128
	027  <small>08758E00</small>	8008 / 2 - 027	0.128
	033  <small>08756E00</small>	8008 / 2 - 033	0.128
	034  <small>08766E00</small>	8008 / 2 - 034	0.128
	035  <small>08760E00</small>	8008 / 2 - 035	0.128
	038  <small>08767E00</small>	8008 / 2 - 038	0.128
038 Gold contacts  <small>08767E00</small>	8008 / 2 - 038 - AU	0.128	

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Version	Switching arrangements Assembly Additional information	Order number	Weight kg
8008/2 Control switch, 2 pole  <small>01832E00</small>	 040 <small>08859E00</small>	8008 / 2-040	0.128
	 045 <small>10734E00</small>	8008 / 2-045	0.128
	 047 <small>09026E00</small>	8008 / 2-047	0.128
	 048 <small>09027E00</small>	8008 / 2-048	0.128
	 051 <small>08770E00</small>	8008 / 2-051	0.128
	 053 <small>06083E00</small>	8008 / 2-053	0.128
	 1261 <small>07826E00</small>	8008 / 2-1261	0.128
	 1260 <small>07828E00</small>	8008 / 2-1260	0.128

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Selection Table


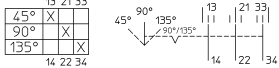
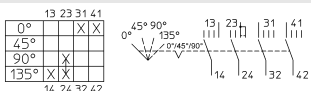
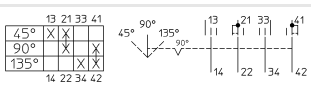
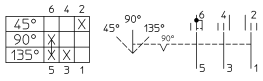
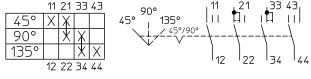
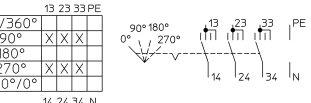
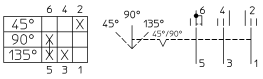
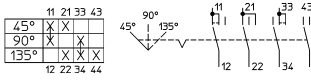
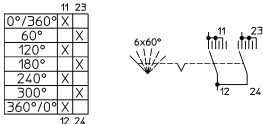
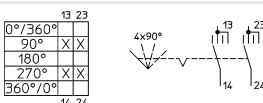
Version	Switching arrangements Assembly Additional information	Order number	Weight kg
8008/2 Control switch, 4 pole  01833E00	 102 08860E00	8008/2-102	0.186
	 106 08861E00	8008/2-106	0.186
	 107 10745E00	8008/2-107	0.186
	 108 10746E00	8008/2-108	0.186
	 110 08862E00	8008/2-110	0.186
	 113 10747E00	8008/2-113	0.186
	 119 08768E00	8008/2-119	0.186
	 124 *tactile touch; gold contacts 08627E00	8008/2-124-AU	0.186
	 127 07368E00	8008/2-127	0.186
	 130 10839E00	8008/2-130	0.186
	 139 07369E00	8008/2-139	0.186

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Selection Table



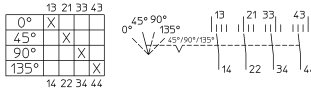
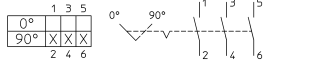
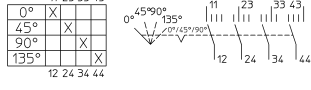
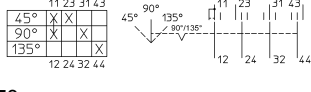
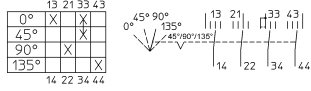

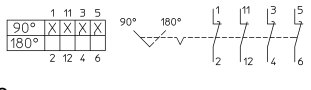
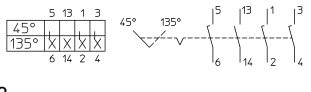
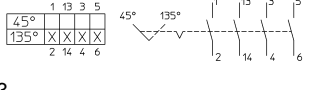
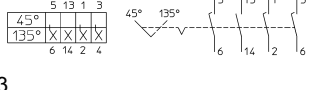
Version	Switching arrangements Assembly Additional information	Order number	Weight kg
8008/2 Control switch, 4 pole  01833E00	 <p>145</p>	8008/2-145	0.186
	 <p>148</p>	8008/2-148	0.186
	 <p>162</p>	8008/2-162	0.186
	 <p>163</p> <p>Attention! The contact 2-1 is a normally open contact with positive closing</p>	8008/2-163	0.186
	 <p>170</p>	8008/2-170	0.186
	 <p>196</p>	8008/2-196	0.186
	 <p>197</p> <p>Attention! The contact 2-1 is a normally open contact with positive closing</p>	8008/2-197	0.186
	 <p>1232</p>	8008/2-1232	0.186
	 <p>1261</p>	8008/2-1261	0.128
	 <p>1260</p>	8008/2-1260	0.128

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Version	Switching arrangements Assembly Additional information	Order number	Weight kg
8008/2 Control switch, 4 pole  01833E00	 1114 10927E00	8008/2-1114	0.186
	 1136 10833E00	8008/2-1136	0.186
	 1140 05697E00	8008/2-1140	0.186
	 1168 10835E00	8008/2-1168	0.186
	 1178 10929E00	8008/2-1178	0.186
	 1207 10928E00	8008/2-1207	0.186
	8008/2 Load switch 3 pole + auxiliary contact  01833E00	 602 10836E00	8008/2-602
 603 10837E00		8008/2-603	0.225
 613 10838E00		8008/2-613	0.225
 803 11005E00		8008/2-6803-C1211	0.225
Note	The standard contact arrangements are examples, other 3 or 4 pole versions are available		

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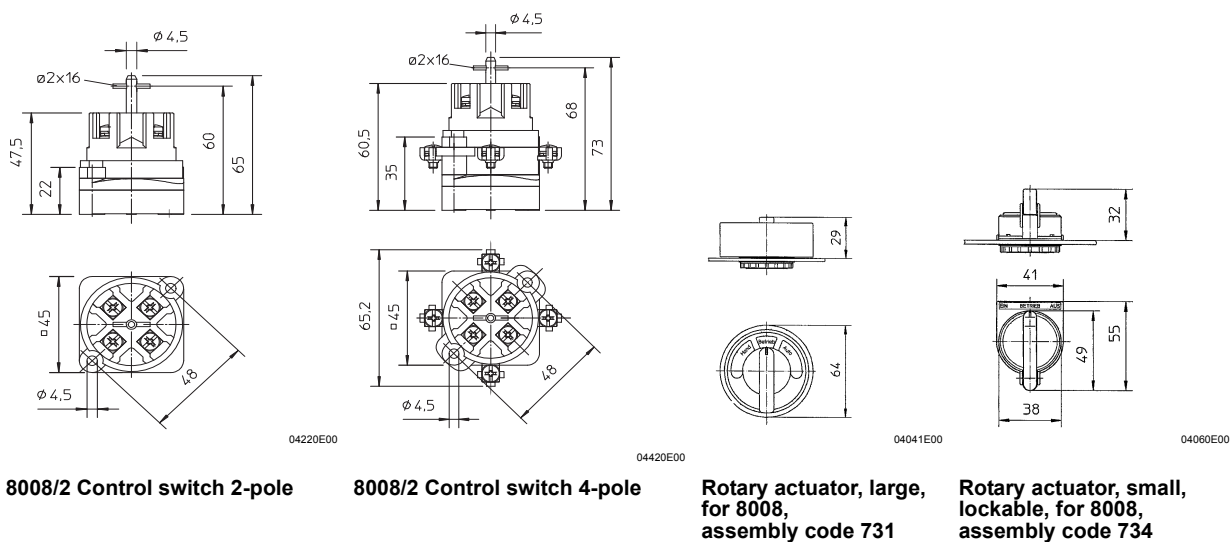


Technical Data

Electrical data																																																			
Rated operational voltage	max. 690 V AC, max. 220 V DC																																																		
Rated operational current	max. 16 A																																																		
Switching capacity	<table border="0"> <tr> <td>8008/2-0.., 8008/2-1..</td> <td>AC-1</td> <td>16 A</td> <td>690 V</td> <td></td> </tr> <tr> <td></td> <td>AC-3</td> <td>8 A</td> <td>500 V</td> <td></td> </tr> <tr> <td></td> <td>AC-3</td> <td>4 A</td> <td>690 V</td> <td></td> </tr> <tr> <td></td> <td>AC-15</td> <td>16 A</td> <td>415 V</td> <td></td> </tr> <tr> <td>8008/2-6..</td> <td>AC-3</td> <td>16 A</td> <td>690 V</td> <td></td> </tr> <tr> <td>8008/2-...</td> <td>DC-13</td> <td>0.4 A</td> <td>230 V</td> <td>L/R = 300 ms</td> </tr> <tr> <td></td> <td>DC-1</td> <td>10 A</td> <td>24 V</td> <td>(1 pole)</td> </tr> <tr> <td></td> <td>DC-1</td> <td>6 A</td> <td>60 V</td> <td>(1 pole)</td> </tr> <tr> <td></td> <td>DC-1</td> <td>6 A</td> <td>110 V</td> <td>(2 poles)</td> </tr> <tr> <td></td> <td>DC-1</td> <td>6 A</td> <td>220 V</td> <td>(3 poles)</td> </tr> </table>	8008/2-0.., 8008/2-1..	AC-1	16 A	690 V			AC-3	8 A	500 V			AC-3	4 A	690 V			AC-15	16 A	415 V		8008/2-6..	AC-3	16 A	690 V		8008/2-...	DC-13	0.4 A	230 V	L/R = 300 ms		DC-1	10 A	24 V	(1 pole)		DC-1	6 A	60 V	(1 pole)		DC-1	6 A	110 V	(2 poles)		DC-1	6 A	220 V	(3 poles)
8008/2-0.., 8008/2-1..	AC-1	16 A	690 V																																																
	AC-3	8 A	500 V																																																
	AC-3	4 A	690 V																																																
	AC-15	16 A	415 V																																																
8008/2-6..	AC-3	16 A	690 V																																																
8008/2-...	DC-13	0.4 A	230 V	L/R = 300 ms																																															
	DC-1	10 A	24 V	(1 pole)																																															
	DC-1	6 A	60 V	(1 pole)																																															
	DC-1	6 A	110 V	(2 poles)																																															
	DC-1	6 A	220 V	(3 poles)																																															
Contacts	max. 4 pole; NC contact for EMERGENCY STOP function																																																		
Service life	10 ⁶ switching cycles																																																		
Ambient conditions																																																			
Ambient temperature	referred to the temperature class at 16 A: T6: - 55 ... + 40 °C T5: - 55 ... + 55 °C T4: - 55 ... + 60 °C																																																		
Mechanical data																																																			
Enclosure material	Epoxy resin																																																		
Switching angle	n x 30° / n x 45° / n x 90°																																																		
Service life	10 ⁶ switching cycles																																																		
Mounting / Installation																																																			
Connection cross-section																																																			
finely stranded	1.5 ... 2.5 mm ²																																																		
solid	1.5 ... 4 mm ²																																																		
Actuators																																																			
Degree of protection	IP66																																																		
Material	Polyamide																																																		
Sealing material	Neoprene																																																		
Impact strenght	≥ 7 J																																																		
Symbol discs	PVC																																																		
Rotary actuators																																																			
small Ø 40 mm	a) not lockable b) lockable in one position with bracket																																																		
large Ø 64 mm	in black or red/yellow a) with protective collar, not lockable b) with protective collar, can be locked up to 3 padlocks																																																		

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



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Accessories and Spare Parts

Designation	Illustration	Description	Art. no.	Weight kg
Small rotary actuator	 05527E00	∅ 40 mm not lockable assembly code 732	155463	0.039
		Specify labels: see bottom		
Small rotary actuator with knob	 05644E00	∅ 40 mm lockable in one position for padlocking position assembly code 734	155361	0.039
		Specify labels: see bottom		
Additional symbol disc for small actuators	 05543E00	Label mount, size 1, without symbol label Text: 1 line	155632	0.001
		Label mount, size 2, without symbol label Text: 1 or 2 lines	155687	0.002
		Label mount, size 3, without symbol label Text: 1, 2 or 3 lines	155844	0.002
		for actuators to fit ∅ 30.5 mm holes		0.000
		Symbol labels: without text with text; please specify text: HAND - 0 - AUTO I - 0 - II OFF - • - ON 0 - I - II 0 - I 0 - Operation - I I - II 0 - • - I		
Large rotary actuator	 05529E00	handle: black 8602A0731-1-ss protective collar: black ∅ 64 mm padlockable	155338	0.062
		labels have to be ordered separately		
		Specify labels: see bottom		
Large rotary actuator with knob	 05549E00	∅ 64 mm black, lockable assembly code 724-1	155476	0.080
		Specify labels: see bottom		
Symbol discs for large actuators		Text 0/OFF - I/ON	155750	0.001
		Text 0/OFF • I/ON	155856	0.001
		Text 0 - Betrieb - I	155762	0.001
		Text 0 - I - II	155772	0.001
		Text I - 0 - II	155785	0.001
		label printed acc. to specification, please specify marking	155870	0.002
Adaptor	 05615E00	for installation of control switch 8008 on mounting rail TS 35	130954	0.022

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.