



01838E00

Control Switches Series 8008

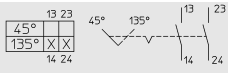


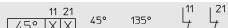


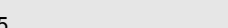





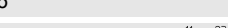


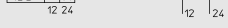


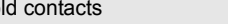








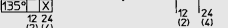


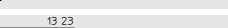




- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Up to 4 poles
- Versions
 - Control switches 2-, 3-, 4-poles
 - Load switch 3-poles + auxiliary contact
- NO contacts spring-loaded, suitable for EMERGENCY STOP functions
- In latching or spring-return form


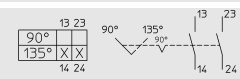
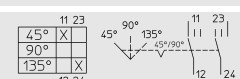
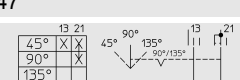
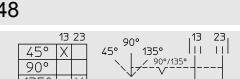
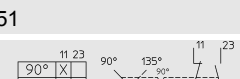
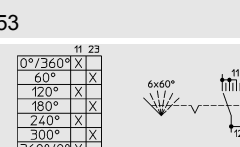
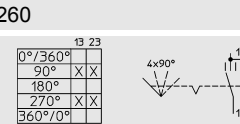
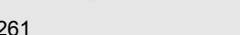

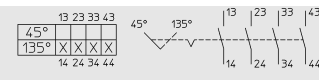



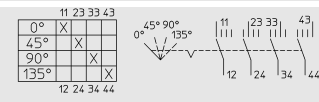
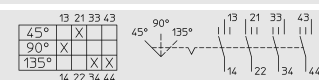
The switching arrangement is selectable and can be latching or spring-return.

The control switches can be used for EMERGENCY STOP functions acc. to IEC 204 DIN VDE 0113.

Zones 1 & 2




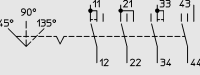
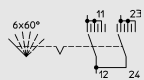
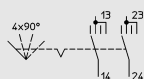

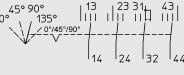
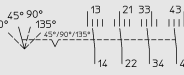
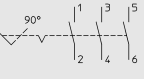
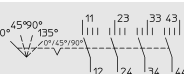
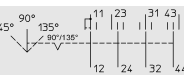
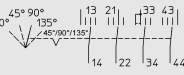

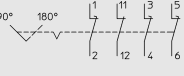
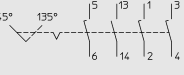
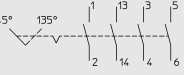
Selection Table			
Version	Switching arrangements Assembly Additional information	Order number	Weight
			kg
8008/2 Control switch 2-poles		8008/2-002	0.128
	002	08765E00	
		8008/2-005	0.128
	005	07134E00	
		8008/2-016	0.128
	016	08857E00	
		8008/2-016-AU	0.128
	016 Gold contacts	08857E00	
		8008/2-025	0.128
	025	08754E00	
		8008/2-027	0.128
	027	08758E00	
		8008/2-033	0.128
	033	08756E00	
		8008/2-034	0.128
	034	08766E00	
		8008/2-035	0.128
	035	08760E00	
		8008/2-038	0.128
	038	08767E00	
		8008/2-038-AU	0.128
	038 Gold contacts	08767E00	
		8008/2-040	0.128
	040	08859E00	

Selection Table				
Version	Switching arrangements Assembly Additional information	Order number	Weight	
8008/2 Control switch 2-poles  01832E00	 045 10734E00	8008/2-045	0.128	
	 047 09026E00	8008/2-047	0.128	
	 048 09027E00	8008/2-048	0.128	
	 051 08770E00	8008/2-051	0.128	
	 053 06083E00	8008/2-053	0.128	
	 1260 07826E00	8008/2-1261	0.128	
	 1260 07826E00	8008/2-1260	0.128	
	 1261 07826E00	8008/2-1261	0.128	
	8008/2 Control switch 4-poles  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	





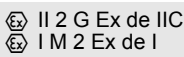


Selection Table		Order number	Weight
Version	Switching arrangements Assembly Additional information		kg
8008/2 Control switch 4-poles		8008/2-119	0.186
	<p>119</p> 	8008/2-124-AU	0.186
01833E00	<p>124</p> <p>*tactile touch; Gold contacts</p>		
		8008/2-127	0.186
	<p>127</p>		
		8008/2-130	0.186
	<p>130</p>		
		8008/2-139	0.186
	<p>139</p>		
		8008/2-145	0.186
	<p>145</p>		
		8008/2-148	0.186
	<p>148</p>		
		8008/2-162	0.186
	<p>162</p>		
		8008/2-163	0.186
	<p>163</p> <p>Note! Contact 2-1 closing operation positive</p>		
		8008/2-170	0.186
	<p>170</p>		
		8008/2-196	0.186
	<p>196</p>		
		8008/2-197	0.186
	<p>197</p> <p>Note! Contact 2-1 closing operation positive</p>		

Selection Table																																	
Version	Switching arrangements Assembly Additional information	Order number	Weight																														
			kg																														
8008/2 Control switch 4-poles  01833E00	<table border="1"> <tr><td></td><td>11</td><td>21</td><td>33</td><td>43</td></tr> <tr><td>45°</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>90°</td><td>X</td><td>X</td><td>X</td><td></td></tr> <tr><td>135°</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td></td><td>12</td><td>22</td><td>34</td><td>44</td></tr> </table>  1232 07827E00		11	21	33	43	45°	X	X			90°	X	X	X		135°	X	X	X	X		12	22	34	44	8008/2-1232	0.186					
		11	21	33	43																												
	45°	X	X																														
90°	X	X	X																														
135°	X	X	X	X																													
	12	22	34	44																													
<table border="1"> <tr><td></td><td>11</td><td>23</td></tr> <tr><td>0°/360°</td><td>X</td><td></td></tr> <tr><td>60°</td><td>X</td><td></td></tr> <tr><td>120°</td><td>X</td><td></td></tr> <tr><td>180°</td><td>X</td><td></td></tr> <tr><td>240°</td><td>X</td><td></td></tr> <tr><td>300°</td><td>X</td><td></td></tr> <tr><td>360°/0°</td><td>X</td><td></td></tr> <tr><td></td><td>12</td><td>24</td></tr> </table>  1260 07826E00		11	23	0°/360°	X		60°	X		120°	X		180°	X		240°	X		300°	X		360°/0°	X			12	24	8008/2-1261	0.128				
	11	23																															
0°/360°	X																																
60°	X																																
120°	X																																
180°	X																																
240°	X																																
300°	X																																
360°/0°	X																																
	12	24																															
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	13	23																															
0°/360°	X																																
90°	X	X																															
180°	X	X																															
270°	X	X																															
360°/0°	X	X																															
	14	24																															
8008/2 Control switch 4-poles  01833E00	<table border="1"> <tr><td></td><td>13</td><td>23</td><td>31</td><td>43</td></tr> <tr><td>0°</td><td>X</td><td></td><td></td><td></td></tr> <tr><td>45°</td><td>X</td><td>X</td><td></td><td></td></tr> <tr><td>90°</td><td>X</td><td>X</td><td>X</td><td></td></tr> <tr><td>135°</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td></td><td>14</td><td>24</td><td>32</td><td>44</td></tr> </table>  1114 10927E00		13	23	31	43	0°	X				45°	X	X			90°	X	X	X		135°	X	X	X	X		14	24	32	44	8008/2-1114	0.186
		13	23	31	43																												
	0°	X																															
	45°	X	X																														
	90°	X	X	X																													
	135°	X	X	X	X																												
	14	24	32	44																													
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	13	21	33	43																													
0°	X																																
45°	X	X																															
90°	X	X	X																														
135°	X	X	X	X																													
	14	22	34	44																													
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	1	3	5																														
0°	X																																
90°	X	X	X																														
	2	4	6																														
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	11	23	33	43																													
0°	X																																
45°	X	X																															
90°	X	X	X																														
135°	X	X	X	X																													
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	11	23	31	43																													
45°	X	X																															
90°	X	X	X																														
135°	X	X	X	X																													
	12	24	32	44																													
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	13	21	33	43																													
0°	X	X																															
45°	X	X	X																														
90°	X	X	X	X																													
135°	X	X	X	X																													
	14	22	34	44																													
8008/2 Load switch 3-poles + auxiliary contact  01833E00	<table border="1"> <tr><td></td><td>1</td><td>11</td><td>3</td><td>5</td></tr> <tr><td>90°</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>180°</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td></td><td>2</td><td>12</td><td>4</td><td>6</td></tr> </table>  602 10836E00		1	11	3	5	90°	X	X	X	X	180°	X	X	X	X		2	12	4	6	8008/2-602	0.225										
		1	11	3	5																												
	90°	X	X	X	X																												
180°	X	X	X	X																													
	2	12	4	6																													
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	5	13	1	3																													
45°	X	X	X	X																													
135°	X	X	X	X																													
	6	14	2	4																													
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	1	13	3	5																													
45°	X	X	X	X																													
135°	X	X	X	X																													
	2	14	4	6																													

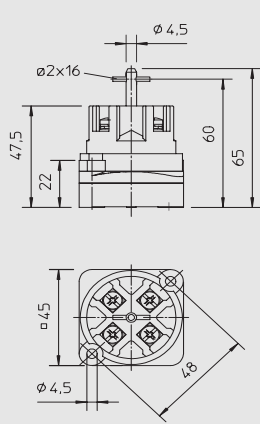


Selection Table		Order number	Weight
Version	Switching arrangements Assembly Additional information		kg
8008/2 Load switch 3-poles + auxiliary contact	 <p>803</p> <p>11005E00</p>	8008/2-803-C1211	0.225
 <p>01833E00</p>			

Technical Data																																														
Explosion protection																																														
Certificates	PTB 00 ATEX 1111 U																																													
Other certificates	IECEX, Canada (CSA), USA (FM), USA (UL), Belarus (Promatomnadzor)																																													
Enclosure material	Epoxy resin																																													
Rated operational voltage	690 V AC																																													
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 15</td> <td>16 A</td> <td>415 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>8008/2-6..., 8008/2-8..</td> <td>AC 3</td> <td>16 A</td> <td>690 V</td> <td></td> </tr> <tr> <td>8008/2-...</td> <td>DC 1</td> <td>10 A</td> <td>24 V</td> <td></td> </tr> <tr> <td></td> <td>DC 1</td> <td>6 A</td> <td>60 V</td> <td></td> </tr> <tr> <td></td> <td>DC 1</td> <td>6 A</td> <td>110 V</td> <td>2 contacts connected in series</td> </tr> <tr> <td></td> <td>DC 1</td> <td>6 A</td> <td>220 V</td> <td>3 contacts connected in series</td> </tr> </table>	8008/2-0..., 8008/2-1..	AC 1	16 A	690 V			AC 15	16 A	415 V			AC 3	8 A	500 V			AC 3	4 A	690 V		8008/2-6..., 8008/2-8..	AC 3	16 A	690 V		8008/2-...	DC 1	10 A	24 V			DC 1	6 A	60 V			DC 1	6 A	110 V	2 contacts connected in series		DC 1	6 A	220 V	3 contacts connected in series
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	DC 1	6 A	110 V	2 contacts connected in series																																										
	DC 1	6 A	220 V	3 contacts connected in series																																										
Contacts	max. 4 pole; NC contact for EMERGENCY STOP function																																													
Switching angle	n x 30 ° / n x 45 ° / n x 90 °																																													
Life	10 ⁶ operations																																													
Ambient conditions	- 55 °C ... + 40 °C																																													
Connection type	6 mm ² flexible																																													
Actuators																																														
Material	Polyamide																																													
Impact strenght	≥ 7 Nm																																													
Degree of protection	IP66																																													
Sealing material	Neoprene																																													
Symbol discs	PVC																																													
Actuator																																														
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																																													

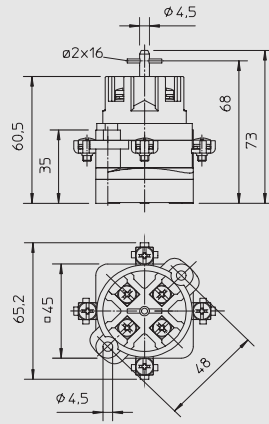


Dimension drawings (all dimensions in mm) - subject to alterations



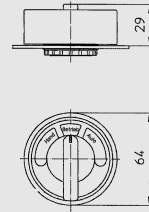
04220E00

8008/2 Control switch 2 poles



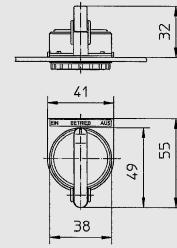
04420E00

8008/2 Control switch 4 poles



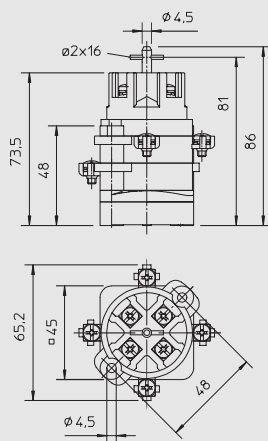
04041E00

**Rotary actuator, large,
for 8008,
assembly code 731**



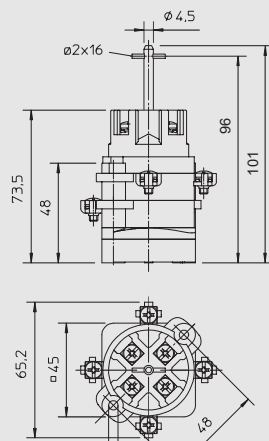
04060E00

**Rotary actuator, small,
lockable, for 8008,
assembly code 734**



05920E00

**8008/2-6 Control switch
3 and 4 poles**






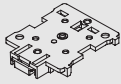


05921E00

**8008/2-803-C1211
Control switch 4 poles**

STAHL



Accessories and Spare Parts				
Designation	Illustration	Description	Order number	Weight kg
Small rotary actuator	 05527E00	Ø 40 mm not lockable assembly code 732	155463	0.001
		Specify labels: see bottom		
Small rotary actuator with knob	 05644E00	Ø 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 insertable label Text: 1 line	155632	0.002
		Label mount, size 2, without insertable label Text: 1 or 2 lines	155687	0.003
		Label mount, size 3, without insertable label Text: 1, 2 or 3 lines	155844	0.004
		for actuator inserts to fit standard d 30.5 mm holes 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 Ø 64 mm padlockable labels have to be ordered separately	155338	0.062
		Specify labels: see bottom		
Large rotary actuator with knob	 05549E00	Ø 64 mm black, lockable assembly code 724-1	155476	0.800
		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	0.001
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, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.