

Control switch/load disconnect switch

Series 8008



- > Versions
 - Control switch with 2, 3 or 4 pole
 - Load switch 3 pole + 1 auxiliary contact
- > Rated operational voltage up to 690 V AC
- > Positive opening contacts
- > Contacts suitable for EM-STOP
- > Isolating characteristics according to IEC/EN 60947-3
- > Latching or spring-return versions available



E4

The control switches series 8008 can be used for EMERGENCY STOP functions according to IEC/EN 60204, DIN VDE 0113. The switching function can be selected, it is available in latching or spring-return version. The load switches meet all requirements for use as motor or main switch.

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


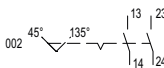
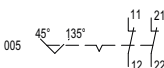
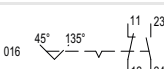
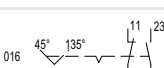
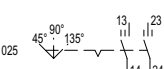
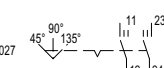
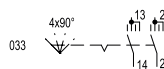
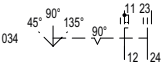
Explosion Protection	
Global (IECEx)	
Gas and mining	IECEx PTB 06.0010U Ex db eb IIC Gb Ex db eb I Mb
Europe (ATEX)	
Gas and mining	PTB 00 ATEX 1111 U II 2 G Ex db eb IIC Gb I M2 Ex db eb I Mb
Certifications and certificates	
Certificates	IECEx, ATEX, USA (UL), Canada (UL)

WebCode 8008A

Control switch/load disconnect switch

Series 8008

Selection Table

Version	Switching arrangements Assembly Additional information	Order number	Weight																					
			kg																					
8008/2 Control switch, 2 pole 	<table><tr><td></td><td>13</td><td>23</td></tr><tr><td>45°</td><td></td><td></td></tr><tr><td>135°</td><td>X</td><td>X</td></tr><tr><td></td><td>14</td><td>24</td></tr></table> 002  08765E00		13	23	45°			135°	X	X		14	24	8008/2-002	0.128									
	13	23																						
45°																								
135°	X	X																						
	14	24																						
	<table><tr><td></td><td>11</td><td>21</td></tr><tr><td>45°</td><td>X</td><td>X</td></tr><tr><td>135°</td><td></td><td></td></tr><tr><td></td><td>12</td><td>22</td></tr></table> 005  07134E00		11	21	45°	X	X	135°				12	22	8008/2-005	0.128									
	11	21																						
45°	X	X																						
135°																								
	12	22																						
	<table><tr><td></td><td>11</td><td>23</td></tr><tr><td>45°</td><td>X</td><td></td></tr><tr><td>135°</td><td></td><td>X</td></tr><tr><td></td><td>12</td><td>24</td></tr></table> 016  08857E00		11	23	45°	X		135°		X		12	24	8008/2-016	0.128									
	11	23																						
45°	X																							
135°		X																						
	12	24																						
	<table><tr><td></td><td>11</td><td>23</td></tr><tr><td>45°</td><td>X</td><td></td></tr><tr><td>135°</td><td></td><td>X</td></tr><tr><td></td><td>12</td><td>24</td></tr></table> 016 Gold contacts  08857E00		11	23	45°	X		135°		X		12	24	8008/2-016-AU	0.128									
	11	23																						
45°	X																							
135°		X																						
	12	24																						
	<table><tr><td></td><td>13</td><td>23</td></tr><tr><td>45°</td><td></td><td></td></tr><tr><td>90°</td><td>X</td><td></td></tr><tr><td>135°</td><td></td><td>X</td></tr><tr><td></td><td>14</td><td>24</td></tr></table> 025  08754E00		13	23	45°			90°	X		135°		X		14	24	8008/2-025	0.128						
	13	23																						
45°																								
90°	X																							
135°		X																						
	14	24																						
	<table><tr><td></td><td>11</td><td>23</td></tr><tr><td>45°</td><td>X</td><td></td></tr><tr><td>90°</td><td></td><td></td></tr><tr><td>135°</td><td></td><td>X</td></tr><tr><td></td><td>12</td><td>24</td></tr></table> 027  08758E00		11	23	45°	X		90°			135°		X		12	24	8008/2-027	0.128						
	11	23																						
45°	X																							
90°																								
135°		X																						
	12	24																						
	<table><tr><td></td><td>13</td><td>23</td></tr><tr><td>0°/360°</td><td></td><td></td></tr><tr><td>90°</td><td>X</td><td>X</td></tr><tr><td>180°</td><td></td><td></td></tr><tr><td>270°</td><td>X</td><td>X</td></tr><tr><td>360°/0°</td><td></td><td></td></tr><tr><td></td><td>14</td><td>24</td></tr></table> 033  08756E00		13	23	0°/360°			90°	X	X	180°			270°	X	X	360°/0°				14	24	8008/2-033	0.128
	13	23																						
0°/360°																								
90°	X	X																						
180°																								
270°	X	X																						
360°/0°																								
	14	24																						
	<table><tr><td></td><td>11</td><td>23</td></tr><tr><td>45°</td><td></td><td></td></tr><tr><td>90°</td><td>X</td><td></td></tr><tr><td>135°</td><td>X</td><td>X</td></tr><tr><td></td><td>12</td><td>24</td></tr></table> 034  08766E00		11	23	45°			90°	X		135°	X	X		12	24	8008/2-034	0.128						
	11	23																						
45°																								
90°	X																							
135°	X	X																						
	12	24																						
	034																							

Control switch/load disconnect switch

Series 8008



Selection Table

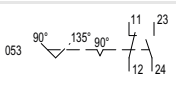
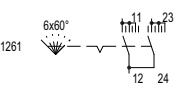
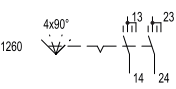

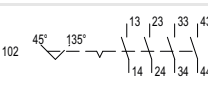
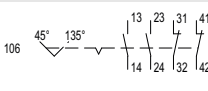
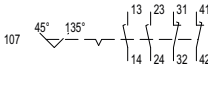
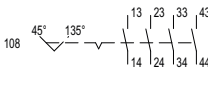
Version	Switching arrangements Assembly Additional information	Order number	Weight kg																					
	<div><div><div><div>1123</div><table><tr><td>0°/360°</td><td>X</td><td></td></tr><tr><td>60°</td><td></td><td>X</td></tr><tr><td>120°</td><td>X</td><td></td></tr><tr><td>180°</td><td></td><td>X</td></tr><tr><td>240°</td><td>X</td><td></td></tr><tr><td>300°</td><td></td><td>X</td></tr><tr><td>360°/0°</td><td>X</td><td></td></tr></table><div><div>1224</div></div></div></div><div><div>035</div><div><div><div>6x60°</div><div><div><div>11</div><div>23</div></div><div><div>12</div><div>24</div></div></div></div></div></div><div>08760E00</div></div> <div>035</div> <td>8008/2-035</td> <td>0.128</td>	0°/360°	X		60°		X	120°	X		180°		X	240°	X		300°		X	360°/0°	X		8008/2-035	0.128
0°/360°	X																							
60°		X																						
120°	X																							
180°		X																						
240°	X																							
300°		X																						
360°/0°	X																							
	<div><div><div><div>1323</div><table><tr><td>45°</td><td></td><td></td></tr><tr><td>90°</td><td></td><td>X</td></tr><tr><td>135°</td><td>X</td><td>X</td></tr></table><div><div>1424</div></div></div></div><div><div>038</div><div><div><div>45°90°135°45°90°</div><div><div><div>13</div><div>23</div></div><div><div>14</div><div>24</div></div></div></div></div></div><div>08767E00</div></div> <div>038</div> <td>8008/2-038</td> <td>0.128</td>	45°			90°		X	135°	X	X	8008/2-038	0.128												
45°																								
90°		X																						
135°	X	X																						
	<div><div><div><div>1323</div><table><tr><td>45°</td><td></td><td></td></tr><tr><td>90°</td><td></td><td>X</td></tr><tr><td>135°</td><td>X</td><td>X</td></tr></table><div><div>1424</div></div></div></div><div><div>038</div><div><div><div>45°90°135°45°90°</div><div><div><div>13</div><div>23</div></div><div><div>14</div><div>24</div></div></div></div></div></div><div>08767E00</div></div> <div>038</div> <div>Gold contacts</div> <td>8008/2-038-AU</td> <td>0.128</td>	45°			90°		X	135°	X	X	8008/2-038-AU	0.128												
45°																								
90°		X																						
135°	X	X																						
	<div><div><div><div>1323</div><table><tr><td>45°</td><td>X</td><td></td></tr><tr><td>90°</td><td></td><td></td></tr><tr><td>135°</td><td></td><td>X</td></tr></table><div><div>1424</div></div></div></div><div><div>040</div><div><div><div>45°90°135°90°</div><div><div><div>13</div><div>23</div></div><div><div>14</div><div>24</div></div></div></div></div></div><div>08859E00</div></div> <div>040</div> <td>8008/2-040</td> <td>0.128</td>	45°	X		90°			135°		X	8008/2-040	0.128												
45°	X																							
90°																								
135°		X																						
	<div><div><div><div>1323</div><table><tr><td>90°</td><td></td><td></td></tr><tr><td>135°</td><td>X</td><td>X</td></tr></table><div><div>1424</div></div></div></div><div><div>045</div><div><div><div>90°135°90°</div><div><div><div>13</div><div>23</div></div><div><div>14</div><div>24</div></div></div></div></div></div><div>10734E00</div></div> <div>045</div> <td>8008/2-045</td> <td>0.128</td>	90°			135°	X	X	8008/2-045	0.128															
90°																								
135°	X	X																						
	<div><div><div><div>1123</div><table><tr><td>45°</td><td>X</td><td></td></tr><tr><td>90°</td><td></td><td></td></tr><tr><td>135°</td><td></td><td>X</td></tr></table><div><div>1224</div></div></div></div><div><div>047</div><div><div><div>45°90°135°45°90°</div><div><div><div>11</div><div>23</div></div><div><div>12</div><div>24</div></div></div></div></div></div><div>09026E00</div></div> <div>047</div> <td>8008/2-047</td> <td>0.128</td>	45°	X		90°			135°		X	8008/2-047	0.128												
45°	X																							
90°																								
135°		X																						
	<div><div><div><div>1321</div><table><tr><td>45°</td><td>X</td><td>X</td></tr><tr><td>90°</td><td></td><td>X</td></tr><tr><td>135°</td><td></td><td></td></tr></table><div><div>1422</div></div></div></div><div><div>047</div><div><div><div>45°90°135°90°135°</div><div><div><div>13</div><div>21</div></div><div><div>14</div><div>22</div></div></div></div></div></div><div>09027E00</div></div> <div>048</div> <td>8008/2-048</td> <td>0.128</td>	45°	X	X	90°		X	135°			8008/2-048	0.128												
45°	X	X																						
90°		X																						
135°																								
	<div><div><div><div>1323</div><table><tr><td>45°</td><td>X</td><td></td></tr><tr><td>90°</td><td></td><td></td></tr><tr><td>135°</td><td></td><td>X</td></tr></table><div><div>1424</div></div></div></div><div><div>051</div><div><div><div>45°90°135°90°135°</div><div><div><div>13</div><div>21</div></div><div><div>14</div><div>22</div></div></div></div></div></div><div>08770E00</div></div> <div>051</div> <td>8008/2-051</td> <td>0.128</td>	45°	X		90°			135°		X	8008/2-051	0.128												
45°	X																							
90°																								
135°		X																						

E4

Control switch/load disconnect switch

Series 8008

Selection Table

Version	Switching arrangements Assembly Additional information	Order number	Weight																											
			kg																											
	<table><tr><td></td><td>11</td><td>23</td></tr><tr><td>90°</td><td>X</td><td></td></tr><tr><td>135°</td><td></td><td>X</td></tr><tr><td></td><td>12</td><td>24</td></tr></table> <p>053</p>  <p>06083E00</p>		11	23	90°	X		135°		X		12	24	8008 / 2-053	0.128															
	11	23																												
90°	X																													
135°		X																												
	12	24																												
	<table><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></td><td>X</td></tr><tr><td>120°</td><td>X</td><td></td></tr><tr><td>180°</td><td></td><td>X</td></tr><tr><td>240°</td><td>X</td><td></td></tr><tr><td>300°</td><td></td><td>X</td></tr><tr><td>360°/0°</td><td>X</td><td></td></tr><tr><td></td><td>12</td><td>24</td></tr></table> <p>1261 height as for 4-pole</p>  <p>07826E00</p>		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																												
	<table><tr><td></td><td>13</td><td>23</td></tr><tr><td>0°/360°</td><td></td><td></td></tr><tr><td>90°</td><td>X</td><td>X</td></tr><tr><td>180°</td><td></td><td></td></tr><tr><td>270°</td><td>X</td><td>X</td></tr><tr><td>360°/0°</td><td></td><td></td></tr><tr><td></td><td>14</td><td>24</td></tr></table> <p>1260 height as for 4-pole</p>  <p>07828E00</p>		13	23	0°/360°			90°	X	X	180°			270°	X	X	360°/0°				14	24	8008 / 2-1260	0.128						
	13	23																												
0°/360°																														
90°	X	X																												
180°																														
270°	X	X																												
360°/0°																														
	14	24																												
8008/2 Control switch, 4 pole  01833E00	<table><tr><td></td><td>13</td><td>23</td><td>33</td><td>43</td></tr><tr><td>45°</td><td></td><td></td><td></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>34</td><td>44</td></tr></table> <p>102</p>  <p>08860E00</p>		13	23	33	43	45°					135°	X	X	X	X		14	24	34	44	8008 / 2-102	0.186							
	13	23	33	43																										
45°																														
135°	X	X	X	X																										
	14	24	34	44																										
	<table><tr><td></td><td>13</td><td>23</td><td>31</td><td>41</td></tr><tr><td>45°</td><td></td><td></td><td>X</td><td>X</td></tr><tr><td>135°</td><td>X</td><td>X</td><td></td><td></td></tr><tr><td></td><td>14</td><td>24</td><td>32</td><td>42</td></tr></table> <p>106</p>  <p>08861E00</p>		13	23	31	41	45°			X	X	135°	X	X				14	24	32	42	8008 / 2-106	0.186							
	13	23	31	41																										
45°			X	X																										
135°	X	X																												
	14	24	32	42																										
	<table><tr><td></td><td>13</td><td>23</td><td>31</td><td>41</td></tr><tr><td>45°</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>135°</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>14</td><td>24</td><td>32</td><td>42</td></tr></table> <p>107</p>  <p>10745E00</p>		13	23	31	41	45°	X	X	X	X	135°						14	24	32	42	8008 / 2-107	0.186							
	13	23	31	41																										
45°	X	X	X	X																										
135°																														
	14	24	32	42																										
	<table><tr><td></td><td>13</td><td>23</td><td>33</td><td>43</td></tr><tr><td>45°</td><td></td><td></td><td></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>34</td><td>44</td></tr></table> <p>108</p>  <p>10746E00</p>		13	23	33	43	45°					135°	X	X	X	X		14	24	34	44	8008 / 2-108	0.186							
	13	23	33	43																										
45°																														
135°	X	X	X	X																										
	14	24	34	44																										

Control switch/load disconnect switch

Series 8008

STAHL

Selection Table

Version	Switching arrangements Assembly Additional information	Order number	Weight kg
110	<p>08862E00</p>	8008/2-110	0.186
113	<p>10747E00</p>	8008/2-113	0.186
119	<p>08768E00</p>	8008/2-119	0.186
124 *actuation point	<p>08627E00</p>	8008/2-124	0.186
127	<p>07368E00</p>	8008/2-127	0.186
130	<p>10839E00</p>	8008/2-130	0.186
139	<p>07369E00</p>	8008/2-139	0.186
145	<p>10789E00</p>	8008/2-145	0.186

E4

Control switch/load disconnect switch

Series 8008

Selection Table

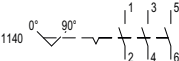
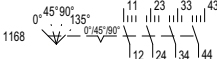
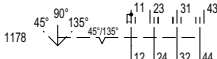
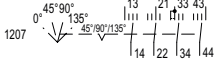
Version	Switching arrangements Assembly Additional information	Order number	Weight kg																																			
	<table><tr><td></td><td>13</td><td>23</td><td>31</td><td>41</td></tr><tr><td>0°</td><td></td><td></td><td>X</td><td>X</td></tr><tr><td>45°</td><td></td><td></td><td></td><td></td></tr><tr><td>90°</td><td></td><td>X</td><td></td><td></td></tr><tr><td>135°</td><td>X</td><td>X</td><td></td><td></td></tr><tr><td></td><td>14</td><td>24</td><td>32</td><td>42</td></tr></table> 148 10926E00		13	23	31	41	0°			X	X	45°					90°		X			135°	X	X				14	24	32	42	8008/2-148	0.186					
	13	23	31	41																																		
0°			X	X																																		
45°																																						
90°		X																																				
135°	X	X																																				
	14	24	32	42																																		
	<table><tr><td></td><td>13</td><td>21</td><td>33</td><td>41</td></tr><tr><td>45°</td><td>X</td><td>X</td><td></td><td></td></tr><tr><td>90°</td><td></td><td>X</td><td></td><td>X</td></tr><tr><td>135°</td><td></td><td></td><td>X</td><td>X</td></tr><tr><td></td><td>14</td><td>22</td><td>34</td><td>42</td></tr></table> 162 07370E00		13	21	33	41	45°	X	X			90°		X		X	135°			X	X		14	22	34	42	8008/2-162	0.186										
	13	21	33	41																																		
45°	X	X																																				
90°		X		X																																		
135°			X	X																																		
	14	22	34	42																																		
	<table><tr><td></td><td>6</td><td>4</td><td>2*</td></tr><tr><td>45°</td><td></td><td></td><td>X</td></tr><tr><td>90°</td><td>X</td><td></td><td></td></tr><tr><td>135°</td><td>X</td><td>X</td><td></td></tr><tr><td></td><td>5</td><td>3</td><td>1*</td></tr></table> 163 02449E00		6	4	2*	45°			X	90°	X			135°	X	X			5	3	1*	8008/2-163	0.186															
	6	4	2*																																			
45°			X																																			
90°	X																																					
135°	X	X																																				
	5	3	1*																																			
	<table><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></td><td>X</td><td></td><td>X</td></tr><tr><td>135°</td><td></td><td></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> 170 10840E00		11	21	33	43	45°	X	X			90°		X		X	135°			X	X		12	22	34	44	8008/2-170	0.186										
	11	21	33	43																																		
45°	X	X																																				
90°		X		X																																		
135°			X	X																																		
	12	22	34	44																																		
	<table><tr><td></td><td>13</td><td>23</td><td>33</td><td>PE</td></tr><tr><td>0°/360°</td><td></td><td></td><td></td><td></td></tr><tr><td>90°</td><td>X</td><td>X</td><td>X</td><td></td></tr><tr><td>180°</td><td></td><td></td><td></td><td></td></tr><tr><td>270°</td><td>X</td><td>X</td><td>X</td><td></td></tr><tr><td>360°/0°</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>14</td><td>24</td><td>34</td><td>N</td></tr></table> 196 02450E00		13	23	33	PE	0°/360°					90°	X	X	X		180°					270°	X	X	X		360°/0°						14	24	34	N	8008/2-196	0.186
	13	23	33	PE																																		
0°/360°																																						
90°	X	X	X																																			
180°																																						
270°	X	X	X																																			
360°/0°																																						
	14	24	34	N																																		
	<table><tr><td></td><td>6</td><td>4</td><td>2</td></tr><tr><td>45°</td><td></td><td></td><td>X</td></tr><tr><td>90°</td><td>X</td><td></td><td></td></tr><tr><td>135°</td><td>X</td><td>X</td><td></td></tr><tr><td></td><td>5</td><td>3</td><td>1</td></tr></table> 197 02451E00		6	4	2	45°			X	90°	X			135°	X	X			5	3	1	8008/2-197	0.186															
	6	4	2																																			
45°			X																																			
90°	X																																					
135°	X	X																																				
	5	3	1																																			
	<table><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></td><td>X</td><td></td><td></td></tr><tr><td>90°</td><td></td><td></td><td>X</td><td></td></tr><tr><td>135°</td><td></td><td></td><td></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			90°			X		135°				X		14	24	32	44	8008/2-1114	0.186					
	13	23	31	43																																		
0°	X																																					
45°		X																																				
90°			X																																			
135°				X																																		
	14	24	32	44																																		
	<table><tr><td></td><td>13</td><td>21</td><td>33</td><td>43</td></tr><tr><td>0°</td><td>X</td><td></td><td></td><td></td></tr><tr><td>45°</td><td></td><td>X</td><td></td><td></td></tr><tr><td>90°</td><td></td><td></td><td>X</td><td></td></tr><tr><td>135°</td><td></td><td></td><td></td><td>X</td></tr><tr><td></td><td>14</td><td>22</td><td>34</td><td>44</td></tr></table> 1136 10833E00		13	21	33	43	0°	X				45°		X			90°			X		135°				X		14	22	34	44	8008/2-1136	0.186					
	13	21	33	43																																		
0°	X																																					
45°		X																																				
90°			X																																			
135°				X																																		
	14	22	34	44																																		

Control switch/load disconnect switch

Series 8008



Selection Table


Version	Switching arrangements Assembly Additional information	Order number	Weight kg																														
	<table><tr><td></td><td>1</td><td>3</td><td>5</td></tr><tr><td>0°</td><td></td><td></td><td></td></tr><tr><td>90°</td><td>X</td><td>X</td><td>X</td></tr><tr><td></td><td>2</td><td>4</td><td>6</td></tr></table> 1140  05697E00		1	3	5	0°				90°	X	X	X		2	4	6	8008/2-1140	0.186														
	1	3	5																														
0°																																	
90°	X	X	X																														
	2	4	6																														
	<table><tr><td></td><td>11</td><td>23</td><td>33</td><td>43</td></tr><tr><td>0°</td><td>X</td><td></td><td></td><td></td></tr><tr><td>45°</td><td></td><td>X</td><td></td><td></td></tr><tr><td>90°</td><td></td><td></td><td>X</td><td></td></tr><tr><td>135°</td><td></td><td></td><td></td><td>X</td></tr><tr><td></td><td>12</td><td>24</td><td>34</td><td>44</td></tr></table> 1168  10835E00		11	23	33	43	0°	X				45°		X			90°			X		135°				X		12	24	34	44	8008/2-1168	0.186
	11	23	33	43																													
0°	X																																
45°		X																															
90°			X																														
135°				X																													
	12	24	34	44																													
	<table><tr><td></td><td>11</td><td>23</td><td>31</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></td><td>X</td><td></td></tr><tr><td>135°</td><td></td><td></td><td></td><td>X</td></tr><tr><td></td><td>12</td><td>24</td><td>32</td><td>44</td></tr></table> 1178  10929E00		11	23	31	43	45°	X	X			90°	X		X		135°				X		12	24	32	44	8008/2-1178	0.186					
	11	23	31	43																													
45°	X	X																															
90°	X		X																														
135°				X																													
	12	24	32	44																													
	<table><tr><td></td><td>13</td><td>21</td><td>33</td><td>43</td></tr><tr><td>0°</td><td>X</td><td></td><td>X</td><td></td></tr><tr><td>45°</td><td></td><td></td><td>X</td><td></td></tr><tr><td>90°</td><td></td><td>X</td><td></td><td></td></tr><tr><td>135°</td><td></td><td></td><td></td><td>X</td></tr><tr><td></td><td>14</td><td>22</td><td>34</td><td>44</td></tr></table> 1207  10928E00		13	21	33	43	0°	X		X		45°			X		90°		X			135°				X		14	22	34	44	8008/2-1207	0.186
	13	21	33	43																													
0°	X		X																														
45°			X																														
90°		X																															
135°				X																													
	14	22	34	44																													

E4

Control switch/load disconnect switch

Series 8008

Selection Table

Version	Switching arrangements Assembly Additional information	Order number	Weight kg
8008/2 Load switch 3 pole + auxiliary contact  01833E00	<div> <div> <div>1 11 3 5</div> <div> <div>90°</div> <div>X X X X</div> <div>2 12 4 6</div> </div> </div> <div> <div>602</div> <div> <div>90° 180°</div> <div> <div>1 11 3 5</div> <div>2 12 4 6</div> </div> </div> </div> <div>10836E00</div> </div>	8008/2-602	0.225
	<div> <div> <div>5 13 1 3</div> <div> <div>45°</div> <div>X X X X</div> <div>6 14 2 4</div> </div> </div> <div> <div>603</div> <div> <div>45° 135°</div> <div> <div>5 13 1 3</div> <div>6 14 2 4</div> </div> </div> </div> <div>10837E00</div> </div>	8008/2-603	0.225
	<div> <div> <div>1 13 3 5</div> <div> <div>45°</div> <div>X X X X</div> <div>2 14 4 6</div> </div> </div> <div> <div>613</div> <div> <div>45° 135°</div> <div> <div>1 13 3 5</div> <div>2 14 4 6</div> </div> </div> </div> <div>10838E00</div> </div>	8008/2-613	0.225
	<div> <div> <div>5 13 1 3</div> <div> <div>45°</div> <div>X X X X</div> <div>6 14 2 4</div> </div> </div> <div> <div>803</div> <div> <div>45° 135°</div> <div> <div>5 13 1 3</div> <div>6 14 2 4</div> </div> </div> </div> <div>11005E00</div> </div>	8008/2-6803-C1211	0.225
	6803 safety switch		

Note

The standard contact arrangements are examples, other 3 or 4 pole versions are available

Technical Data

Electrical data

Rated insulation voltage	max. 690 V AC
Rated frequency	50 / 60 Hz
Rated operational voltage	max. 690 V AC / 230 V DC
Rated impulse withstand voltage	max. 6 kV (load disconnect switch), 4 kV (control switch)
Rated operational current	max. 16 A
Contacts	max. 4-pole; NC with positive opening for EM-STOP

Control switch/load disconnect switch

Series 8008

STAHL

Technical Data

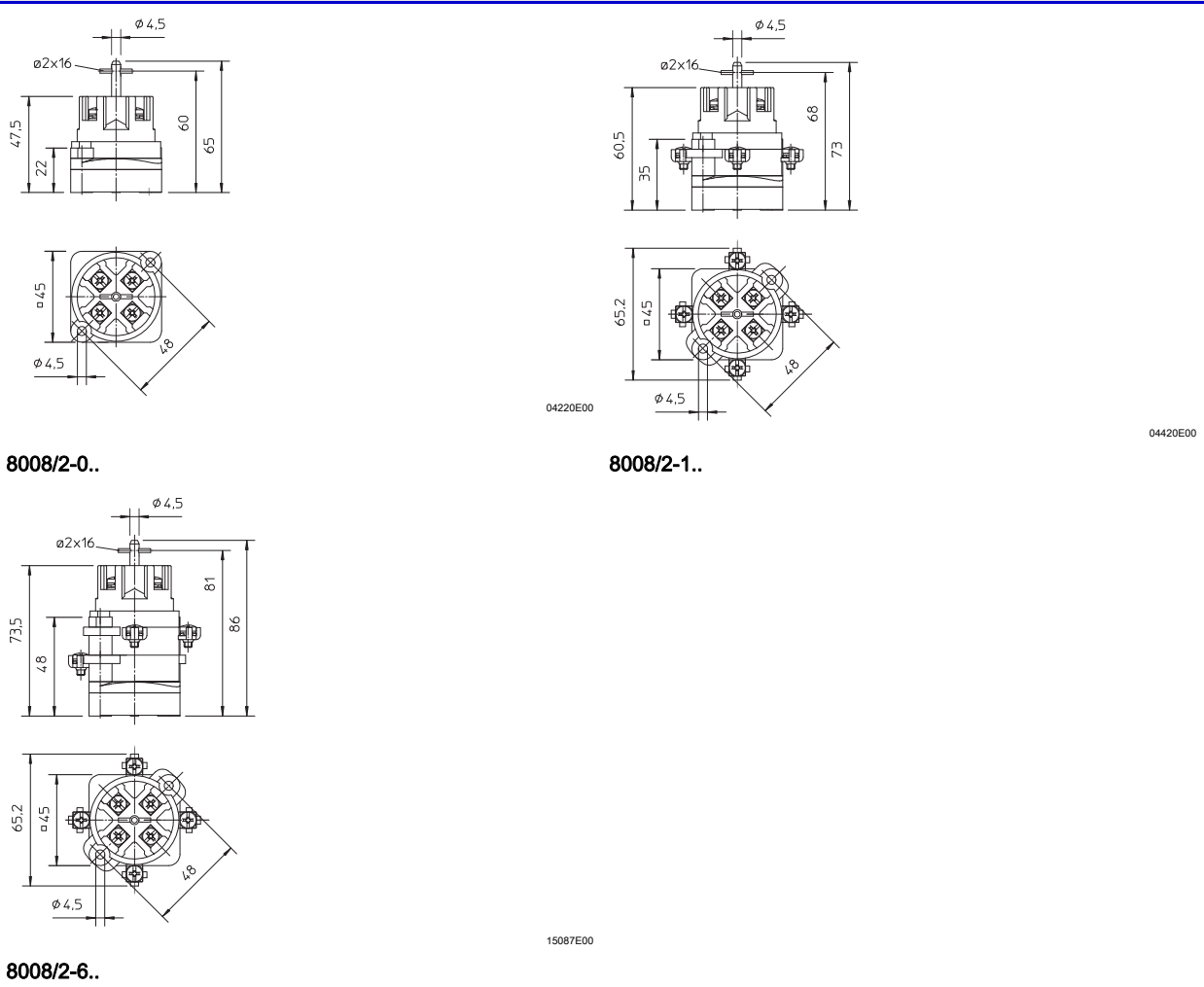
Switching capacity	acc. to IEC/EN 60947-1; IEC/EN 60947-3; IEC/EN 60947-5-1: Control switch 8008/2-0, 8008/2-1				
	AC-1	AC-11	AC-15	DC-13 (L/R=300 ms)	
	690 V, 16 A	660 V, 2.5 A 500 V, 4 A 380 V, 6 A 220 V, 6 A	415 V, 16 A	230 V, 0.4 A	
	DC-11 (L/R=100 ms)	DC-11 (L/R=50 ms)	DC-11 (L/R=1 ms)		
	220 V, 0.4 A	220 V, 0.6 A	220 V, 1.0 A		
	110 V, 1.0 A	110 V, 1.6 A	110 V, 4.0 A		
	60 V, 4.0 A	60 V, 6.0 A	60 V, 16.0 A		
	Load disconnect switch 8008/2-6				
	AC-3	DC-1	DC-3	DC-5	
	690 V, 16 A	60 V, 10 A ¹⁾ 60 V, 10 A ²⁾ 110 V, 10 A ²⁾ 60 V, 10 A ³⁾ 110 V, 10 A ³⁾ 220 V, 10 A ³⁾	60 V, 4 A ¹⁾ 60 V, 10 A ²⁾ 110 V, 6 A ²⁾ 60 V, 10 A ³⁾ 110 V, 10 A ³⁾ 220 V, 4 A ³⁾	60 V, 2.5 A ¹⁾ 60 V, 6 A ²⁾ 110 V, 4 A ²⁾ 60 V, 10 A ³⁾ 110 V, 6 A ³⁾ 220 V, 2 A ³⁾	
				¹⁾ 1 conducting path ²⁾ 2 conducting paths in series ³⁾ 3 conducting paths in serie	
	Short-circuit protection	Back-up fuse max. 32 A gG Note: The overload protection of the consumers must be performed independently of the back-up fuse.			
	Rated short-time withstand current I _{cw}	0.3 kA (1s)			
	Service life	mechanical: 500,000 operating cycles			
	Ambient conditions				
Operating temperature	-50 ... +80 °C Versions applicable in temperatures down to -60°C, with grease containing silicone, on request				
Contact opening	Control switch Load disconnect switch 8008/2-0 8008/2-6 8008/2-1 min. 2 x 2 mm min. 2 x 3 mm				
Mechanical data					
Material					
Enclosure	Epoxy resin				
Contacts	Silver-nickel, 8008/2-....-AU (gold-plated)				
Degree of pollution	3				

E4

Control switch/load disconnect switch

Series 8008

Dimensional Drawings (all dimensions in mm) - Subject to alterations



Accessories and Spare Parts











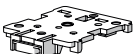
Designation	Picture	Description	Note	Art. no.	Weight kg
Small rotary actuator with knob		Ø39, can be locked with one lock, 90° position	with standard seal for up to -20 °C	227359	0.040
		Ø39, can be locked with one lock, 90° position	with silicone seal for up to -60 °C	227360	0.040
		Ø39, can be locked with one lock, 45° position	with standard seal for up to -20 °C	227391	0.040
		Ø39, can be locked with one lock, 45° position	with silicone seal for up to -60 °C	227392	0.040
	Specify labels: see below				

Control switch/load disconnect switch

Series 8008

STAHL

Accessories and Spare Parts

Designation	Picture	Description	Note	Art. no.	Weight kg
Additional symbol disc for small actuators		Label holder, size 1, without insert disc, 1-row label	--	223566	
		Label holder, size 2, without insert disc, 1- or 2-row label	--	223567	
		Label holder, size 3, without insert disc, 1-, 2- or 3-row label	--	223568	
	Other designation plates available on request				
Large rotary actuator		Black handle, black protective collar, Ø65, handle in 90° position, uninstalled	with standard seal for up to -20 °C	227223	0.040
		Black handle, black protective collar, Ø65, handle in 90° position, uninstalled	with silicone seal for up to -60 °C	227224	0.040
		Black handle, black protective collar, Ø65, handle in 45° position, uninstalled	with standard seal for up to -20 °C	227225	0.040
		Black handle, black protective collar, Ø65, handle in 45° position, uninstalled	with silicone seal for up to -60 °C	227226	0.040
Specify labels: see below					
Symbol discs for large actuators		Ø58; 0/OFF I/ON	--	227004	0.002
		Ø58; 0 operation I	--	227005	0.002
		Ø58; 0 I II	--	227006	0.002
	Other designation plates available on request				
Rotary actuator for safety switch		Black handle, black protective collar, Ø65, handle in 90° position, uninstalled	with silicone seal for up to -60 °C	253174	
		Red handle, yellow protective collar, Ø65, handle in 90° position, pre-installed with 0/OFF I/ON label	with silicone seal for up to -60 °C	253175	
Adaptor		for installation of control switch 8008 on mounting rail TS35	--	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.