

IP 44 and IP 67

Other voltages and frequencies available on request.

Ampere Poles	110V 50 a. 60 Hz			230V 50 a. 60 Hz			400V 50 a. 60 Hz			500V 50 a. 60 Hz			>50 - 500V 100-300 Hz			>50 - 500V 300-500 Hz			Drawing																																																																																																																																								
	3p	4p	5p	3p	4p	5p	3p	4p	5p	3p	4p	5p	3p	4p	5p	3p	4p	5p																																																																																																																																									
	4h	4h	4h	6h	9h	9h	9h	6h	6h	7h	7h	7h	10h	10h	10h	2h	2h	2h																																																																																																																																									
Part number																																																																																																																																																											
16	3	1177	1178																<table border="1"> <thead> <tr> <th>Drawing</th><th>Amp. Poles</th><th colspan="3">16</th><th colspan="3">32</th></tr> <tr> <th>1 MB 205</th><th></th><th>3</th><th>4</th><th>5</th><th>3</th><th>4</th><th>5</th></tr> </thead> <tbody> <tr><td>Dim. in mm</td><td>a</td><td>91</td><td>91</td><td>91</td><td>102</td><td>102</td><td>102</td></tr> <tr><td></td><td>b</td><td>73</td><td>79</td><td>87</td><td>89</td><td>89</td><td>94</td></tr> <tr><td></td><td>c</td><td>86</td><td>93</td><td>99</td><td>108</td><td>108</td><td>114</td></tr> <tr><td></td><td>d</td><td>55</td><td>55</td><td>56,4</td><td>62</td><td>62</td><td>62</td></tr> <tr><td></td><td>e</td><td>62</td><td>68</td><td>76</td><td>77,5</td><td>77,5</td><td>84</td></tr> <tr><td></td><td>f</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td></tr> <tr><td></td><td>g</td><td>8</td><td>8</td><td>9</td><td>10</td><td>10</td><td>10</td></tr> <tr><td></td><td>h</td><td>132</td><td>132</td><td>132</td><td>153</td><td>153</td><td>153</td></tr> <tr><td></td><td>M</td><td>20</td><td>25</td><td>25</td><td>25</td><td>25</td><td>32</td></tr> <tr><td>Max. cable diam. (mm)</td><td></td><td>13</td><td>18</td><td>18</td><td>18</td><td>18</td><td>25</td></tr> <tr><td>Terminal for cond. cross section (mm²) min.-max.</td><td></td><td>1,5 - 1,5</td><td>1,5 - 1,5</td><td>1,5 - 1,5</td><td>2,5 - 2,5</td><td>2,5 - 2,5</td><td>2,5 - 2,5</td></tr> <tr><td></td><td></td><td>-4</td><td>-4</td><td>-4</td><td>-10</td><td>-10</td><td>-10</td></tr> </tbody> </table>	Drawing	Amp. Poles	16			32			1 MB 205		3	4	5	3	4	5	Dim. in mm	a	91	91	91	102	102	102		b	73	79	87	89	89	94		c	86	93	99	108	108	114		d	55	55	56,4	62	62	62		e	62	68	76	77,5	77,5	84		f	5,3	5,3	5,3	5,3	5,3	5,3		g	8	8	9	10	10	10		h	132	132	132	153	153	153		M	20	25	25	25	25	32	Max. cable diam. (mm)		13	18	18	18	18	25	Terminal for cond. cross section (mm²) min.-max.		1,5 - 1,5	1,5 - 1,5	1,5 - 1,5	2,5 - 2,5	2,5 - 2,5	2,5 - 2,5			-4	-4	-4	-10	-10	-10																								
Drawing	Amp. Poles	16			32																																																																																																																																																						
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Terminal for cond. cross section (mm²) min.-max.		1,5 - 1,5	1,5 - 1,5	1,5 - 1,5	2,5 - 2,5	2,5 - 2,5	2,5 - 2,5																																																																																																																																																				
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16	4	3030	3034	1418	3032	3035	3028												<table border="1"> <thead> <tr> <th>Drawing</th><th>Amp. Poles</th><th colspan="3">16</th><th colspan="3">32</th></tr> <tr> <th>1 MB 43</th><th></th><th>4</th><th>5</th><th>3</th><th>4</th><th>5</th></tr> </thead> <tbody> <tr><td>Dim. in mm</td><td>a</td><td>128</td><td>128</td><td>128</td><td>128</td><td>128</td><td>128</td></tr> <tr><td></td><td>b</td><td>84</td><td>84</td><td>84</td><td>84</td><td>84</td><td>84</td></tr> <tr><td></td><td>c</td><td>122</td><td>124</td><td>136</td><td>136</td><td>138</td><td>138</td></tr> <tr><td></td><td>d</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td></tr> <tr><td></td><td>e</td><td>68</td><td>68</td><td>68</td><td>68</td><td>68</td><td>68</td></tr> <tr><td></td><td>f</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td></tr> <tr><td></td><td>g</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td></td><td>h</td><td>144</td><td>145</td><td>158</td><td>158</td><td>160</td><td>160</td></tr> <tr><td></td><td>M</td><td>25</td><td>25</td><td>32</td><td>32</td><td>32</td><td>32</td></tr> <tr><td></td><td>M*</td><td>2x25 (blind) to be cut out</td><td>2x25 (blind) to be cut out</td><td>2x25 (blind) to be cut out</td><td>2x25 (blind) to be cut out</td><td>2x25 (blind) to be cut out</td><td>2x25 (blind) to be cut out</td></tr> <tr><td>Max. cable diam. (mm)</td><td></td><td>18</td><td>18</td><td>18/25</td><td>18/25</td><td>18/25</td><td>18/25</td></tr> <tr><td>Terminal for cond. cross section (mm²) min.-max.</td><td></td><td>1,5 - 1,5</td><td>1,5 - 1,5</td><td>2,5 - 2,5</td><td>2,5 - 2,5</td><td>2,5 - 2,5</td><td>2,5 - 2,5</td></tr> <tr><td></td><td></td><td>-4</td><td>-4</td><td>-10</td><td>-10</td><td>-10</td><td>-10</td></tr> </tbody> </table>	Drawing	Amp. Poles	16			32			1 MB 43		4	5	3	4	5	Dim. in mm	a	128	128	128	128	128	128		b	84	84	84	84	84	84		c	122	124	136	136	138	138		d	11	11	11	11	11	11		e	68	68	68	68	68	68		f	5,3	5,3	5,3	5,3	5,3	5,3		g	4	4	4	4	4	4		h	144	145	158	158	160	160		M	25	25	32	32	32	32		M*	2x25 (blind) to be cut out	2x25 (blind) to be cut out	2x25 (blind) to be cut out	2x25 (blind) to be cut out	2x25 (blind) to be cut out	2x25 (blind) to be cut out	Max. cable diam. (mm)		18	18	18/25	18/25	18/25	18/25	Terminal for cond. cross section (mm²) min.-max.		1,5 - 1,5	1,5 - 1,5	2,5 - 2,5	2,5 - 2,5	2,5 - 2,5	2,5 - 2,5			-4	-4	-10	-10	-10	-10																	
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63	3	1136A	1137A	1138A															<table border="1"> <thead> <tr> <th>Drawing</th><th>Amp. Poles</th><th colspan="3">63</th></tr> <tr> <th>1 MB 213</th><th></th><th>3</th><th>4</th><th>5</th></tr> </thead> <tbody> <tr><td>Dim. in mm</td><td>a</td><td>170</td><td>170</td><td>170</td></tr> <tr><td></td><td>b</td><td>118</td><td>118</td><td>118</td></tr> <tr><td></td><td>c</td><td>164</td><td>164</td><td>164</td></tr> <tr><td></td><td>d</td><td>134,5</td><td>134,5</td><td>134,5</td></tr> <tr><td></td><td>e</td><td>103</td><td>103</td><td>103</td></tr> <tr><td></td><td>f</td><td>6,1</td><td>6,1</td><td>6,1</td></tr> <tr><td></td><td>g</td><td>6</td><td>6</td><td>6</td></tr> <tr><td></td><td>h</td><td>216</td><td>216</td><td>216</td></tr> <tr><td></td><td>M</td><td>40</td><td>40</td><td>40</td></tr> <tr><td></td><td>M*</td><td>2xM40 (blind) to be cut out</td><td>2xM40 (blind) to be cut out</td><td>2xM40 (blind) to be cut out</td></tr> <tr><td>Max. cable diam. (mm)</td><td></td><td>32</td><td>32</td><td>32</td></tr> <tr><td>Terminal for cond. cross section (mm²) min.-max.</td><td></td><td>6 - 6</td><td>6 - 6</td><td>6 - 6</td></tr> <tr><td></td><td></td><td>-25</td><td>-25</td><td>-25</td></tr> </tbody> </table>	Drawing	Amp. Poles	63			1 MB 213		3	4	5	Dim. in mm	a	170	170	170		b	118	118	118		c	164	164	164		d	134,5	134,5	134,5		e	103	103	103		f	6,1	6,1	6,1		g	6	6	6		h	216	216	216		M	40	40	40		M*	2xM40 (blind) to be cut out	2xM40 (blind) to be cut out	2xM40 (blind) to be cut out	Max. cable diam. (mm)		32	32	32	Terminal for cond. cross section (mm²) min.-max.		6 - 6	6 - 6	6 - 6			-25	-25	-25																																																													
Drawing	Amp. Poles	63																																																																																																																																																									
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	c	164	164	164																																																																																																																																																							
	d	134,5	134,5	134,5																																																																																																																																																							
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	h	216	216	216																																																																																																																																																							
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63	4		1140A	1141A	1142A																																																																																																																																																						
63	5		1144A	1145A																																																																																																																																																							
16	3	9300	9301	9302															<table border="1"> <thead> <tr> <th>Drawing</th><th>Amp. Poles</th><th colspan="3">16</th><th colspan="3">32</th></tr> <tr> <th>1 MB 622</th><th></th><th>3</th><th>4</th><th>5</th><th>3</th><th>4</th><th>5</th></tr> </thead> <tbody> <tr><td>Dim. in mm</td><td>a</td><td>100</td><td>100</td><td>100</td><td>100</td><td>100</td><td>100</td></tr> <tr><td></td><td>b</td><td>101</td><td>101</td><td>101</td><td>109</td><td>109</td><td>109</td></tr> <tr><td></td><td>c</td><td>117</td><td>125</td><td>131</td><td>157</td><td>157</td><td>160</td></tr> <tr><td></td><td>d</td><td>50</td><td>50</td><td>50</td><td>50</td><td>50</td><td>50</td></tr> <tr><td></td><td>e</td><td>84</td><td>84</td><td>84</td><td>92</td><td>92</td><td>92</td></tr> <tr><td></td><td>f</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td></tr> <tr><td></td><td>f2</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td><td>5,3</td></tr> <tr><td></td><td>g</td><td>6,5</td><td>6,5</td><td>6,5</td><td>6,5</td><td>6,5</td><td>6,5</td></tr> <tr><td></td><td>h</td><td>131</td><td>131</td><td>132</td><td>148</td><td>148</td><td>148</td></tr> <tr><td></td><td>i</td><td>24,7</td><td>24,7</td><td>24,7</td><td>27,5</td><td>27,5</td><td>27,5</td></tr> <tr><td></td><td>M</td><td>25 (optional M20)</td><td>25 (optional M20)</td><td>32 (optional M25)</td><td>25 (optional M25)</td><td>25 (optional M25)</td><td>25 (optional M25)</td></tr> <tr><td></td><td>M*</td><td>2x25 (blind) to be cut out</td><td>2x25 (blind) to be cut out</td><td>2x25 (blind) to be cut out</td><td>2x25 (blind) to be cut out</td><td>2x25 (blind) to be cut out</td><td>2x25 (blind) to be cut out</td></tr> <tr><td>Max. cable diam. (mm)</td><td></td><td>18 (M25) and 15 (M20)</td><td>18 (M25) and 15 (M20)</td><td>25 (M32) and 18 (M25)</td><td>25 (M32) and 18 (M25)</td><td>25 (M32) and 18 (M25)</td><td>25 (M32) and 18 (M25)</td></tr> <tr><td>Terminal for cond. cross section (mm²) min.-max.</td><td></td><td>1,5 - 1,5</td><td>1,5 - 1,5</td><td>2,5 - 2,5</td><td>2,5 - 2,5</td><td>2,5 - 2,5</td><td>2,5 - 2,5</td></tr> <tr><td></td><td></td><td>-4</td><td>-4</td><td>-4</td><td>-6</td><td>-6</td><td>-6</td></tr> </tbody> </table>	Drawing	Amp. Poles	16			32			1 MB 622		3	4	5	3	4	5	Dim. in mm	a	100	100	100	100	100	100		b	101	101	101	109	109	109		c	117	125	131	157	157	160		d	50	50	50	50	50	50		e	84	84	84	92	92	92		f	5,3	5,3	5,3	5,3	5,3	5,3		f2	5,3	5,3	5,3	5,3	5,3	5,3		g	6,5	6,5	6,5	6,5	6,5	6,5		h	131	131	132	148	148	148		i	24,7	24,7	24,7	27,5	27,5	27,5		M	25 (optional M20)	25 (optional M20)	32 (optional M25)	25 (optional M25)	25 (optional M25)	25 (optional M25)		M*	2x25 (blind) to be cut out	2x25 (blind) to be cut out	2x25 (blind) to be cut out	2x25 (blind) to be cut out	2x25 (blind) to be cut out	2x25 (blind) to be cut out	Max. cable diam. (mm)		18 (M25) and 15 (M20)	18 (M25) and 15 (M20)	25 (M32) and 18 (M25)	25 (M32) and 18 (M25)	25 (M32) and 18 (M25)	25 (M32) and 18 (M25)	Terminal for cond. cross section (mm²) min.-max.		1,5 - 1,5	1,5 - 1,5	2,5 - 2,5	2,5 - 2,5	2,5 - 2,5	2,5 - 2,5			-4	-4	-4	-6	-6	-6
Drawing	Amp. Poles	16			32																																																																																																																																																						
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	c	117	125	131	157	157	160																																																																																																																																																				
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	e	84	84	84	92	92	92																																																																																																																																																				
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	h	131	131	132	148	148	148																																																																																																																																																				
	i	24,7	24,7	24,7	27,5	27,5	27,5																																																																																																																																																				
	M	25 (optional M20)	25 (optional M20)	32 (optional M25)	25 (optional M25)	25 (optional M25)	25 (optional M25)																																																																																																																																																				
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Max. cable diam. (mm)		18 (M25) and 15 (M20)	18 (M25) and 15 (M20)	25 (M32) and 18 (M25)	25 (M32) and 18 (M25)	25 (M32) and 18 (M25)	25 (M32) and 18 (M25)																																																																																																																																																				
Terminal for cond. cross section (mm²) min.-max.		1,5 - 1,5	1,5 - 1,5	2,5 - 2,5	2,5 - 2,5	2,5 - 2,5	2,5 - 2,5																																																																																																																																																				
		-4	-4	-4	-6	-6	-6																																																																																																																																																				
16	4	9320	9321	9322	9323	9324	9325																																																																																																																																																				
16	5	9340	9341	9342																																																																																																																																																							
32	3	9350	9351	9352																																																																																																																																																							
32	4	9370	9371	9372	9373	9374	9375																																																																																																																																																				
32	5	9380	9381	9382																																																																																																																																																							
63	3	856	128A	129A															<table border="1"> <thead> <tr> <th>Drawing</th><th>Amp. Poles</th><th colspan="3">63</th></tr> <tr> <th>1 MB 112</th><th></th><th>3</th><th>4</th><th>5</th></tr> </thead> <tbody> <tr><td>Dim. in mm</td><td>a</td><td>170</td><td>170</td><td>170</td></tr> <tr><td></td><td>b</td><td>118</td><td>118</td><td>118</td></tr> <tr><td></td><td>c</td><td>175</td><td>175</td><td>175</td></tr> <tr><td></td><td>d</td><td>134,5</td><td>134,5</td><td>134,5</td></tr> <tr><td></td><td>e</td><td>103</td><td>103</td><td>103</td></tr> <tr><td></td><td>f</td><td>6,1</td><td>6,1</td><td>6,1</td></tr> <tr><td></td><td>g</td><td>6</td><td>6</td><td>6</td></tr> <tr><td></td><td>h</td><td>219</td><td>219</td><td>219</td></tr> <tr><td></td><td>M</td><td>40</td><td>40</td><td>40</td></tr> <tr><td></td><td>M*</td><td>2x40 (blind) to be cut out</td><td>2x40 (blind) to be cut out</td><td>2x40 (blind) to be cut out</td></tr> <tr><td>Max. cable diam. (mm)</td><td></td><td>27</td><td>27</td><td>27</td></tr> <tr><td>Terminal for cond. cross section (mm²) min.-max.</td><td></td><td>6 - 6</td><td>6 - 6</td><td>6 - 6</td></tr> <tr><td></td><td></td><td>-25</td><td>-25</td><td>-25</td></tr> </tbody> </table>	Drawing	Amp. Poles	63			1 MB 112		3	4	5	Dim. in mm	a	170	170	170		b	118	118	118		c	175	175	175		d	134,5	134,5	134,5		e	103	103	103		f	6,1	6,1	6,1		g	6	6	6		h	219	219	219		M	40	40	40		M*	2x40 (blind) to be cut out	2x40 (blind) to be cut out	2x40 (blind) to be cut out	Max. cable diam. (mm)		27	27	27	Terminal for cond. cross section (mm²) min.-max.		6 - 6	6 - 6	6 - 6			-25	-25	-25																																																													
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1 MB 112		3	4	5																																																																																																																																																							
Dim. in mm	a	170	170	170																																																																																																																																																							
	b	118	118	118																																																																																																																																																							
	c	175	175	175																																																																																																																																																							
	d	134,5	134,5	134,5																																																																																																																																																							
	e	103	103	103																																																																																																																																																							
	f	6,1	6,1	6,1																																																																																																																																																							
	g	6	6	6																																																																																																																																																							
	h	219	219	219																																																																																																																																																							
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	M*	2x40 (blind) to be cut out	2x40 (blind) to be cut out	2x40 (blind) to be cut out																																																																																																																																																							
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63	4	130A	131A	132A	133A																																																																																																																																																						
63	5	134A	135A	136A	2007A																																																																																																																																																						