



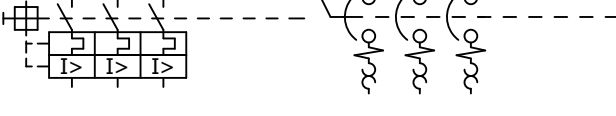
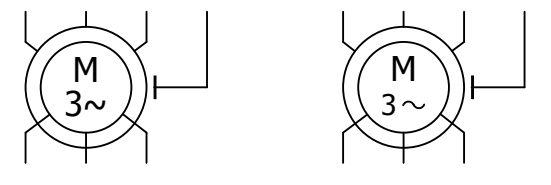


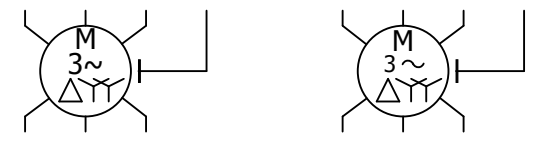





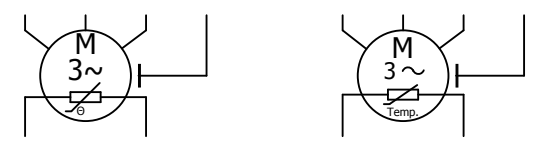





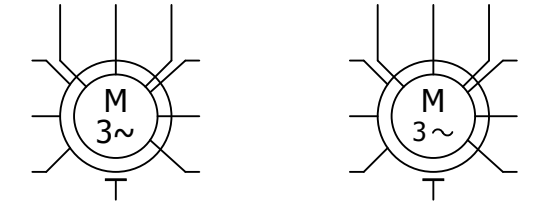





Symbol overview

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<p>87 HG Neon lamp</p> 	<p>96 FTH NC contact, electrothermal release, lock-out / reset</p> 	<p>106 LSW1 Current transformer (path 1)</p> 
<p>88 HW Alarm / bell</p> 	<p>97 QL3_1 Power circuit breaker / motor overload switch with switch mechanism and line</p> 	<p>107 M6SCHL Three-phase asynchronous motor, two separate windings, change-pole, two rotation</p> 
<p>89 VTHY2 Thyristor diode, bidirectional, Diac</p> 	<p>98 FA1 Circuit breaker, single-pole</p> 	<p>108 M2YD Three-phase induction motor, star-delta connection</p> 
<p>91 PZS Count function, identifier with NO contact</p> 	<p>99 VTHY3 Thyristor triode</p> 	<p>109 M3_VE Three-phase motor for ventilating fan</p> 
<p>92 PV Voltage measuring instrument, with display, voltmeter</p> 	<p>100 BST NO temperature switch</p> 	<p>110 M3_1T_1 Three-phase asynchronous motor with thermal monitoring, one rotation</p> 
<p>93 PA Current measuring instrument, with display, ammeter</p> 	<p>102 BOT NC temperature switch</p> 	<p>111 GBOX32 Rectifier, three-phase bridge, three-pase, secondary, 2 connection points</p> 
<p>94 VZ Zener diode, Z diode, unidirectional, voltage limiting diode</p> 	<p>103 YK Magnetic clutch</p> 	<p>112 M9SCHL Three-phase asynchronous motor, two separate windings, change-pole, three rotation</p> 
<p>95 HUH Clock / secondary clock, general</p> 	<p>105 USP Discharger</p> 	<p>115 RMB Resistance bridge</p> 


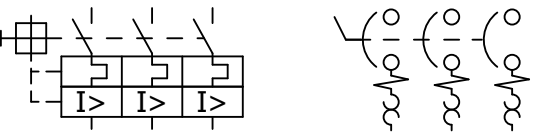






















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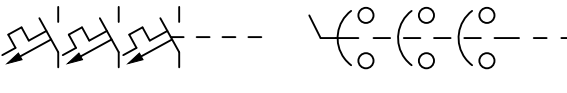














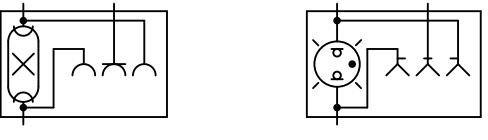
<p>116 RE Heating element</p> 	<p>124 QL3 Power circuit breaker / motor overload switch with switch mechanism and without line</p> 	<p>134 SLSAC Light barrier, transmitter, AC supply</p> 
<p>117 RST1 Resistor, variable</p> 	<p>125 RCK RC network</p> 	<p>135 SLEAC Light barrier, receiver, AC supply</p> 
<p>118 HSU Buzzer, rattle</p> 	<p>128 Q3 Load-break switch, three-pole, NO contact, operated by turning</p> 	<p>136 SLSDC Light barrier, transmitter, DC supply</p> 
<p>119 RST2 Resistor, adjustable</p> 	<p>129 Q2 Switch, two-pole, NO contact, operated by turning</p> 	<p>137 SLEDC Light barrier, receiver, DC supply</p> 
<p>120 RA Resistor, inherent, non-linear</p> 	<p>130 BSSW Float switch, NO contact</p> 	<p>138 SSLRX Photoelectric switch, NO contact, with plug-in connection</p> 
<p>121 FA2 Circuit breaker, two-pole</p> 	<p>131 BOSW Float switch, NC contact</p> 	<p>139 SSLR Photoelectric switch, NO contact</p> 
<p>122 HT Lamp, supplied by a built-in transformer</p> 	<p>132 BSD Flow switch, general, NO contact</p> 	<p>141 SONS2X Proximity sensor, NC contact, with plug-in connection</p> 
<p>123 XUS Plug, three-pole</p> 	<p>133 BOD Flow switch, general, NC contact</p> 	<p>143 SSNS2X Proximity sensor, NO contact, with plug-in connection</p> 

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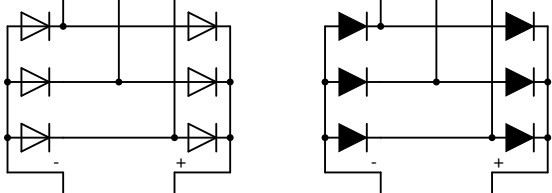






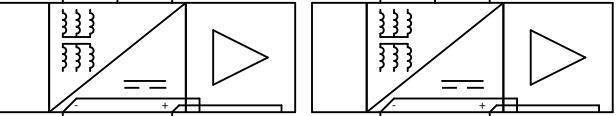







<p>145 SONS2 Proximity sensor, NC contact</p> 	<p>160 SOA Pushbutton, NC contact, general</p> 	<p>170 SONOT1 Emergency stop switch / Emergency stop pushbutton, NC contact</p> 
<p>146 SSNS2 Proximity sensor, NO contact</p> 	<p>161 XBSK Female and male pin, coaxial</p> 	<p>171 SCHL Slipping transformer</p> 
<p>148 SSNS1 Proximity sensor, NO contact</p> 	<p>164 KUB Electromechanical operating device of an overvoltage release</p> 	<p>174 FAH3 Circuit breaker, three-pole, with line for auxiliary contact</p> 
<p>149 SONS1 Proximity sensor, NC contact</p> 	<p>165 KUN Electromechanical operating device of an undervoltage release</p> 	<p>176 HB Indicator light, blinking</p> 
<p>150 SONOT2 Emergency stop switch / Emergency stop pushbutton, NC contact, with turn-to-reset</p> 	<p>166 KFI Electromechanical operating device of a ground fault current release</p> 	<p>177 HRL Rotating lamp</p> 
<p>151 LM3 Inductor with magnetic core, three-phase</p> 	<p>167 PZBSTD Counter, operating hours</p> 	<p>178 H4 Lamp / indicator light, with lamp test function</p> 
<p>155 FAH1 Circuit breaker, single-pole, with line for auxiliary contact</p> 	<p>168 PZIMP Counter, pulse counter</p> 	<p>179 M2W_VE AC motor for ventilating fan</p> 
<p>159 SSA Pushbutton, NO contact, general</p> 	<p>169 SSNOT1 Emergency stop switch / Emergency stop pushbutton, NO contact</p> 	<p>180 EHX1 Enclosure light with female receptacle</p> 

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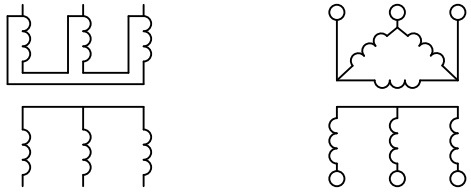










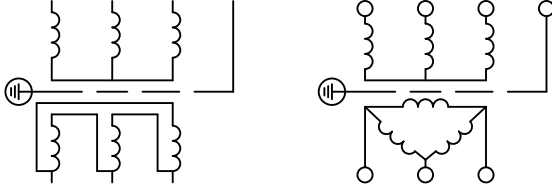


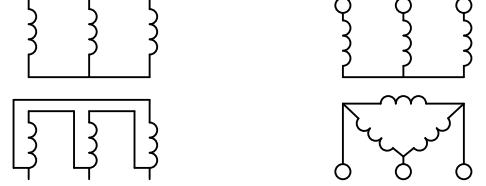
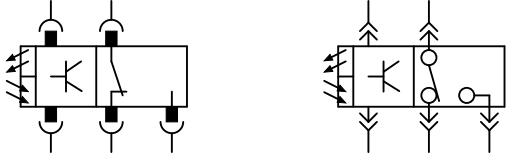



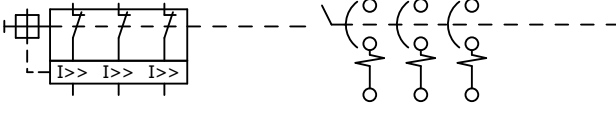

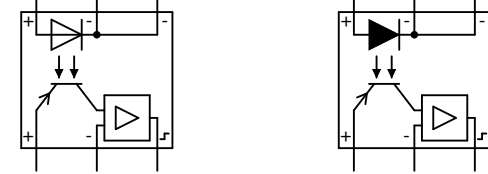
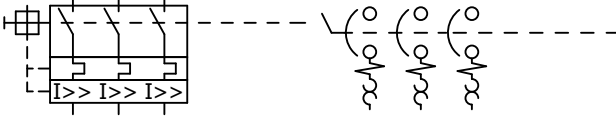
<p>181 EHX2</p> <p>Enclosure light with female receptacle</p> 	<p>193 TS3STST</p> <p>Three-phase transformer, wye-wye connection</p> 	<p>206 SOLRX</p> <p>Photoelectric switch, NC contact, with plug-in connection</p> 
<p>182 EH3</p> <p>Fluorescent lamp with PE</p> 	<p>194 TS12</p> <p>Transformer, 2 windings on one side</p> 	<p>207 SOLR</p> <p>Photoelectric switch, NC contact</p> 
<p>185 GL</p> <p>Rectifier in bridge circuit</p> 	<p>195 SH</p> <p>NO contact without cross-reference</p> 	<p>208 SSUS</p> <p>Ultrasonic sensor, NO contact</p> 
<p>186 GDBR</p> <p>Three-phase bridge circuit</p> 	<p>196 OH</p> <p>NC contact without cross-reference</p> 	<p>209 SOUS</p> <p>Ultrasonic sensor, NC contact</p> 
<p>187 GBOX22</p> <p>Rectifier, bridge, 2-phase, secondary %1 connection points</p> 	<p>197 XTR1</p> <p>Isolating terminal, closed</p> 	<p>210 SSAR</p> <p>Switch, NO contact, general</p> 
<p>190 KT2</p> <p>Electromechanical operating device of a blinking relay</p> 	<p>198 GNT</p> <p>Potential transformer with phase monitoring</p> 	<p>211 SOAR</p> <p>Switch, NC contact, general</p> 
<p>191 KM2</p> <p>Electromechanical operating device of a multi-function relay</p> 	<p>199 LSW2</p> <p>Current transformer (path 2)</p> 	<p>212 SSS</p> <p>Pushbutton, NO contact, operated by key</p> 
<p>192 TS11</p> <p>Single-phase transformer with two windings</p> 	<p>200 LSW3</p> <p>Current transformer (path 3)</p> 	<p>213 SOS</p> <p>Pushbutton, NC contact, operated by key</p> 

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<p>214 KL2S</p> <p>Second coil for remanent relay (detached representation)</p> 	<p>224 TS3DRST</p> <p>Three-phase transformer, delta-star connection</p> 	<p>233 XBD</p> <p>Socket of a plug connection</p> 
<p>215 SSG</p> <p>NO cam-switch device</p> 	<p>225 TV</p> <p>Potential transformer</p> 	<p>234 XBD2</p> <p>Female pin of a plug connection with direct connection point</p> 
<p>216 SOG</p> <p>NC cam-switch device</p> 	<p>226 BAT</p> <p>Battery, primary or secondary element, accumulator</p> 	<p>236 XSD</p> <p>Plug of a plug connection</p> 
<p>219 LM</p> <p>3-phase line reactor for NC devices</p> 	<p>228 M2W</p> <p>AC motor</p> 	<p>237 SWNS</p> <p>Proximity sensor, change-over contact</p> 
<p>220 T3STDR</p> <p>Three-phase transformer, star-delta connection</p> 	<p>229 SWLR</p> <p>Photoelectric switch, change-over contact</p> 	<p>238 XSD2</p> <p>Plug of a plug connection with direct connection point</p> 
<p>221 TS3STDR</p> <p>Three-phase transformer, star-delta connection</p> 	<p>230 SWLRX</p> <p>Photoelectric switch, change-over contact, with plug-in connection</p> 	<p>239 SWNSX</p> <p>Proximity sensor, change-over contact, with plug-in connection</p> 
<p>222 XTR2</p> <p>Isolating terminal, opened</p> 	<p>231 OC1</p> <p>Optocoupler, 4 conductors</p> 	<p>242 QLIM11</p> <p>Limiter, without thermal contacts, with switch mechanism and line</p> 
<p>223 RF</p> <p>Photoresistor</p> 	<p>232 OC2</p> <p>Optocoupler, 6 conductors</p> 	<p>243 QLIM21</p> <p>Limiter, with thermal contacts, with switch mechanism and line</p> 

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<p>302 Y11X</p> <p>Solenoid valve, with plug-in connection (stretched)</p>	<p>312 A3FILTER</p> <p>Line filter, three-pole</p>	<p>322 FS2</p> <p>Fused switch, two-pole</p>
<p>303 FT4</p> <p>Electromechanical device of a thermal relay, four-pole</p>	<p>313 EH2</p> <p>Fluorescent lamp without PE</p>	<p>323 QLIM12</p> <p>Limiter, without thermal contacts</p>
<p>304 BSK</p> <p>Power-operated mechanism, general, NO contact</p>	<p>314 CDREIECK</p> <p>Capacitors, delta connection</p>	<p>325 FS3</p> <p>Fused switch, three-pole</p>
<p>305 BOK</p> <p>Power-operated mechanism, general, NC contact</p>	<p>315 CSTERN</p> <p>Capacitors, star connection</p>	<p>327 FS1</p> <p>Fused switch, single-pole</p>
<p>307 M3_1</p> <p>Three-phase asynchronous motor, one rotation speed</p>	<p>316 YX</p> <p>Solenoid valve, coil, with plug-in connection</p>	<p>350 PLC_CBOX</p> <p>PLC connection point, distributed view</p>
<p>309 KUN1</p> <p>Electromechanical operating device of an undervoltage release</p>	<p>317 Y2X</p> <p>Solenoid valve, 2 coils, with plug-in connection</p>	<p>351 PLC_CBOX_CON</p> <p>PLC connection point, distributed view, additional connection point</p>
<p>310 XTUER</p> <p>Connector for door</p>	<p>320 M3_STELL</p> <p>Actuator motor</p>	<p>352 PLC_CBOX_LEFT</p> <p>PLC connection point, distributed view for combination with additional</p>
<p>311 YB3</p> <p>Solenoid brake, three-wire</p>	<p>321 XTRPE</p> <p>Earth-isolating terminal</p>	<p>353 PLC_CBOX_LEFT_PLUG</p> <p>PLC connection point, distributed view for combination with additional</p>

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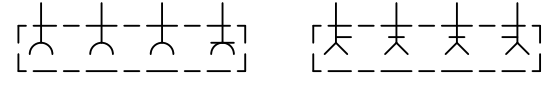


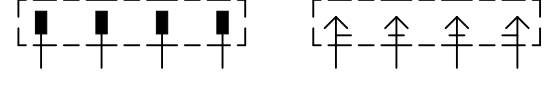






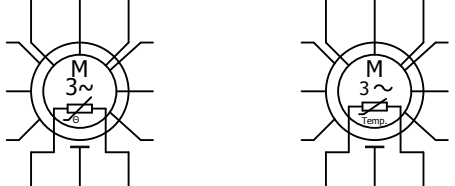


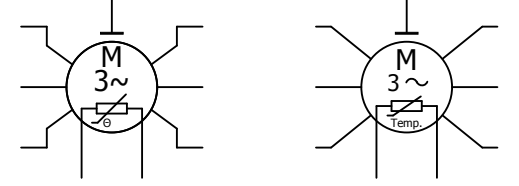

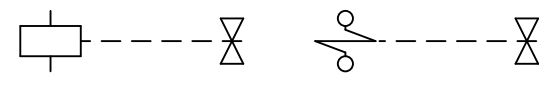
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<p>1083 SW3NOT1</p> <p>Emergency stop switch / Emergency stop pushbutton, change-over contact (3-path)</p> 	<p>1091 SW3RR</p> <p>Switch, change-over contact (3-path), operated by turning</p> 	<p>1099 SW3R</p> <p>Pushbutton, change-over contact (3-path), operated by turning</p> 
<p>1084 SW2NOT2</p> <p>Emergency stop switch / Emergency stop pushbutton, change-over contact (2-path),</p> 	<p>1092 SW2SR</p> <p>Switch, change-over contact (2-path), operated by key</p> 	<p>1100 SW2S</p> <p>Pushbutton, change-over contact (2-path), operated by key</p> 
<p>1085 SW3NOT2</p> <p>Emergency stop switch / Emergency stop pushbutton, change-over contact (3-path),</p> 	<p>1093 SW3SR</p> <p>Switch, change-over contact (3-path), operated by key</p> 	<p>1101 SW3S</p> <p>Pushbutton, change-over contact (3-path), operated by key</p> 
<p>1086 SW2NOT3</p> <p>Emergency stop switch / Emergency stop pushbutton, change-over contact (2-path),</p> 	<p>1094 SW2AR</p> <p>Switch, change-over contact (2-path), general</p> 	<p>1102 SW2Z</p> <p>Pushbutton, change-over contact (2-path), operated by pulling</p> 
<p>1087 SW3NOT3</p> <p>Emergency stop switch / Emergency stop pushbutton, change-over contact (3-path),</p> 	<p>1095 SW3AR</p> <p>Switch, change-over contact (3-path), general</p> 	<p>1103 SW3Z</p> <p>Pushbutton, change-over contact (3-path), operated by pulling</p> 
<p>1088 SW2NOT4</p> <p>Emergency stop switch / Emergency stop pushbutton, change-over contact (2-path),</p> 	<p>1096 SW2A</p> <p>Pushbutton, change-over contact (2-path), general</p> 	<p>1104 SW2RW</p> <p>Switch, change-over contact (2-path), operated by turning, 2 positions</p> 
<p>1089 SW3NOT4</p> <p>Emergency stop switch / Emergency stop pushbutton, change-over contact (3-path),</p> 	<p>1097 SW3A</p> <p>Pushbutton, change-over contact (3-path), general</p> 	<p>1105 SW3RW</p> <p>Switch, change-over contact (3-path), operated by turning, 2 positions</p> 
<p>1090 SW2RR</p> <p>Switch, change-over contact (2-path), operated by turning</p> 	<p>1098 SW2R</p> <p>Pushbutton, change-over contact (2-path), operated by turning</p> 	<p>1106 W2ARV</p> <p>Change-over contact (2-path), with pick-up and off-delay</p> 

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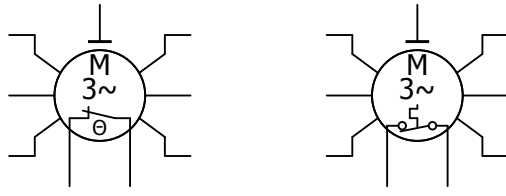
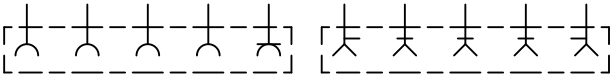

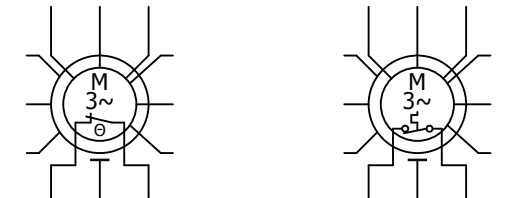








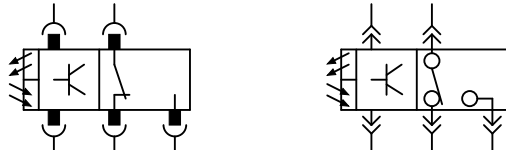


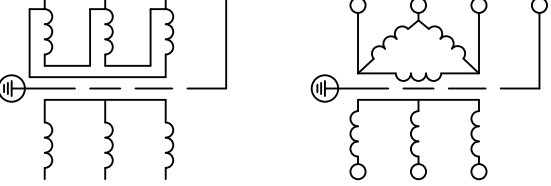







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<p>1158 BST_1 NO temperature switch</p> 	<p>1169 XU Female receptacle with PE, three-pole</p> 	<p>1177 SSROL Switch, NO contact, roller operation</p> 
<p>1159 BOT_1 NC temperature switch</p> 	<p>1170 FTR2 Fused disconnect, two-pole</p> 	<p>1178 SOROL Switch, NC contact, roller operation</p> 
<p>1161 QL1_2 Miniature circuit-breaker, single-pole, actuation by thermal or electromagnetic</p> 	<p>1171 BWT Temperature switch, change-over contact, two-path</p> 	<p>1179 XU4 Female receptacle, four-pole with PE</p> 
<p>1162 QL1_3 Power circuit breaker, single-pole, actuation by thermal or electromagnetic</p> 	<p>1172 BWP Pressure switch, change-over contact, two-path</p> 	<p>1180 XU4S Plug, four-pole</p> 
<p>1165 G23 Rectifier, three-phase bridge, two-pase, secondary, 3 connection points</p> 	<p>1173 BWSW Float switch, change-over contact, two-path</p> 	<p>1181 M_STEPP_1 Stepping motor, general</p> 
<p>1166 M3_1T Three-phase asynchronous motor with thermal monitoring, one rotation</p> 	<p>1174 BWD Flow switch, general, change-over contact, two-path</p> 	<p>1182 M_STEPP_2 Stepping motor, general</p> 
<p>1167 M9SCHL_T Three-phase asynchronous motor with thermal monitoring, two separate</p> 	<p>1175 SWSV Switch, change-over contact, %0-path, operated by key</p> 	<p>1183 MSTELL_2 AC motor, with two directions of rotation (control valves)</p> 
<p>1168 M6_1T Three-phase asynchronous motor, with thermal monitoring, one winding,</p> 	<p>1176 BWK Power-operated mechanism, general, change-over contact, two-path</p> 	<p>1185 Y_2Y_1 Solenoid valve, double-acting valve (Part 1)</p> 

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Symbol overview

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<p>1354 X3_2</p> <p>Terminal with 3 connection points (1 x graphical line)</p> 	<p>1397 M6_1STB</p> <p>Three-phase asynchronous motor, with thermal monitoring, one winding,</p> 	<p>1462 XU5_2</p> <p>Female receptacle, five-pole (CEE)</p> 
<p>1355 X4_1</p> <p>Terminal with 4 connection points (4 x graphical line)</p> 	<p>1398 M9_1STB</p> <p>Three-phase asynchronous motor with thermal monitoring, two separate</p> 	<p>1463 YB3_2</p> <p>Solenoid brake, three-wire</p> 
<p>1356 X4_2</p> <p>Terminal with 4 connection points (1 x graphical line)</p> 	<p>1450 EHX1_2</p> <p>Enclosure light with female receptacle</p> 	<p>1501 BET_01</p> <p>Switch - operating element, manually-operated, general</p> 
<p>1379 XBKOAX_1</p> <p>Female pin of a coaxial plug connection connection with direct connection point</p> 	<p>1451 SWLR_2</p> <p>Photoelectric switch, change-over contact</p> 	<p>1502 BET_02</p> <p>Switch - operating element, manually-operated, general (detent)</p> 
<p>1380 XSKOAX_1</p> <p>Plug of a coaxial plug connection connection with direct connection point</p> 	<p>1452 SWLRX_2</p> <p>Photoelectric switch, change-over contact, with plug-in connection</p> 	<p>1503 BET_03</p> <p>Switch - operating element, by rotation</p> 
<p>1393 M2W_2T</p> <p>Three-phase asynchronous motor with thermal monitoring, one rotation</p> 	<p>1455 T3DRST_2</p> <p>Three-phase transformer, delta-star connection</p> 	<p>1504 BET_04</p> <p>Switch - operating element, by rotation (detent)</p> 
<p>1394 M2M_2STB</p> <p>AC motor with thermal cut-out</p> 	<p>1456 BWP_2</p> <p>Pressure switch, change-over contact, two-path</p> 	<p>1505 BET_05</p> <p>Switch - operating element, by pushing</p> 
<p>1396 M3_1STB</p> <p>Three-phase asynchronous motor with thermal cut-out, one rotation speed, one speed</p> 	<p>1461 SOLR_2</p> <p>Photoelectric switch, NC contact</p> 	<p>1506 BET_06</p> <p>Switch - operating element, by pushing, (detent)</p> 

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Symbol overview

F25_001_HWR

<p>1565 QL4_2</p> <p>Power circuit breaker, four-pole, with switch mechanism</p>			
<p>1566 QL4_3ST</p> <p>Power circuit breaker, four-pole, with switch mechanism (pluggable)</p>			

Suppl. field:

Date	2/24/2012	EPLAN	EPLAN Software & Service GmbH & Co. KG	Symbol overview	=
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