## Symbol overview

| 0 <br> SL <br> Power NO contact of a contactor | $i^{0}$ | $\frac{\perp}{\top}$ | 8 <br> ONE <br> NC contact，late break |  | $\nRightarrow$ | 24 <br> KW <br> Electromechanical operating device of an AC relay | $\stackrel{1}{\sim}$ | $\underset{\sim}{\sim}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1 \\ & \text { S } \\ & \text { NO contact } \end{aligned}$ | $\rangle^{\prime}$ | $\frac{\perp}{\top}$ | 9 <br> SWR <br> NO contact，momentary contact，contact make on actuation（right） | $\bigvee^{\downarrow}$ | $\emptyset_{i}$ | 25 <br> KAR2 <br> Electromechanical operating device with pick－up／off－delay |  | （ |
| $2$ <br> 0 <br> NC contact | 4 | $\neq$ | 10 <br> SWB <br> NO contact，momentary contact on actuation an release（right and left） | $\rangle^{\downarrow}$ | F｜ip | 26 <br> KRM2 <br> Electromechanical operating device of a remanent relay | $\square_{1}^{1}$ | $\oplus$ |
| 3 <br> SSV <br> Normally open with time delay opening（T．O．） | $\epsilon^{\prime}$ | $\iota_{0}^{\circ}$ | 11 <br> SWL <br> NO contact，momentary contact，contact make on release（left） | $\bigvee^{\prime}$ | F7i ${ }_{i}$ | 29 <br> KR2 <br> Electromechanical operating device with off－delay |  | $\emptyset$ |
| 4 <br> OOV <br> Normally closed with time delay closing（T．C．） | $\Leftarrow$ | $\stackrel{9}{6}$ | 13 <br> ST <br> NO contact，electrothermal actuation | $)^{\prime}$ | $\Omega_{0}^{\circ}$ | $30$ X <br> Terminal | ১ | ১ |
| 5 <br> SOV <br> Normally open with time delay closing（T．C．） | $\Rightarrow 1$ | $>\succ_{0}^{0}$ | 14 <br> OT <br> NC contact，electrothermal actuation | $2-4$ | ת | 31 <br> XBS <br> Female and male pin | $1$ | 个 |
| 6 <br> OSV <br> Normally closed with time delay opening（T．O．） | $\xlongequal{4}$ | $>9$ | $20$ <br> K <br> Electromechanical operating device，general／relay coil， general | $\square_{\square}^{\perp}$ | $\bigcirc$ | $33$ <br> XF <br> Fused terminal |  | ¢ |
| 7 <br> SVE <br> NO contact，leading |  | $\stackrel{\perp}{\top}$ | 21 <br> KA2 <br> Electromechanical operating device with pick－up delay | $\otimes_{1}^{1}$ | （囚） | 34 <br> XFD <br> Fused terminal with LED | $\stackrel{\phi}{\dot{W}}$ | 目 |

I Replaced by

## Symbol overview

| 35 <br> SSD <br> Pushbutton, NO contact, operated by pushing | $E--\xi^{\prime}$ | $f_{0}^{0}$ | 43 <br> SSSR <br> Switch, NO contact, operated <br> by key | Qurt | $\left.\mathrm{B}\right\|_{0} ^{0}$ | 51 <br> R <br> Resistor, general | $\dagger$ | $\dagger$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 36 <br> SOD <br> Pushbutton, NC contact, operated by pushing | $\mathrm{E}---\psi$ | $\frac{\mathrm{g}}{\mathrm{~d}}$ | 44 <br> SOSR <br> Switch, NC contact, operated <br> by key | $8-17$ | $8 \frac{9}{d}$ | 53 <br> C <br> Capacitor, general | $\stackrel{\perp}{T}$ | $\frac{\perp}{\tau}$ |
| 37 <br> SSRR <br> Switch, NO contact, operated by turning | $F r)^{\prime}$ | $H_{0}^{0}$ | 45 <br> Y1 <br> Solenoid valve, general | $\square_{1}-8$ | $\frac{0}{i}$ | 55 <br> V <br> Semiconductor diode, general | $\not \subset$ | خ |
| 38 <br> SORR <br> Switch, NC contact, operated by turning | $5 \sim-\dagger$ | $\frac{\mathrm{q}}{\mathrm{a}}$ | 46 <br> H <br> Lamp / indicator light, general | $\otimes$ | $\bigcirc_{1}^{\prime}$ | 56 <br> G22 <br> Rectifier, bridge, 2-phase, secondary \%1 connection points |  |  |
| 39 <br> SSM <br> Limit switch, NO contact, mechanically operated | $\zeta^{\prime}$ | $\delta^{\circ}$ | $\begin{aligned} & 47 \\ & \text { HU } \\ & \text { Horn } \end{aligned}$ | $\stackrel{\square}{\square}$ | $4$ | 57 <br> G32 <br> Rectifier, three-phase bridge, three-pase, secondary, 2 connection points |  |  |
| 40 <br> SOM <br> Limit switch, NC contact, mechanically operated | $y$ | $g$ | 48 <br> YB <br> Solenoid brake | $\square_{1}^{\square}-\square$ | $\frac{9}{i}$ | 58 <br> T11 <br> Single-phase transformer with two windings and shield | (11) un mm |  |
| 41 <br> SSDR <br> Switch, NO contact, operated by pushing | $E \sim)^{\prime}$ | $H_{0}^{0}$ | 49 <br> HLED <br> Light-emitting diode (LED), general | $\not \nabla^{\prime \prime}$ | $\bar{\gamma}^{2}$ | $59$ <br> T3STST <br> Three-phase transformer, wye-wye connection |  |  |
| 42 <br> SODR <br> Switch, NC contact, operated <br> by pushing | $\mathrm{E}_{\mathrm{v}}-\boldsymbol{\gamma}$ | $19$ | $50$ <br> F1 <br> Fuse, single-pole, general |  | 白 | 60 <br> M6 <br> Three-phase asynchronous motor, one winding, change-pole, two rotation |  |  |

Replaced by

## Symbol overview



## Symbol overview

| 87 <br> HG <br> Neon lamp | 官 | '官’ | 96 <br> FTH <br> NC contact, electrothermal release, lock-out / reset | S | ת | 106 <br> LSW1 <br> Current transformer (path 1) | $\varepsilon^{-}$ | $\xi^{\square}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 88 <br> HW <br> Alarm / bell | $\sqrt{\square}$ | $10$ | 97 <br> QL3_1 <br> Power circuit breaker / motor overload switch with switch mechanism and line |  |  | 107 <br> M6SCHL <br> Three-phase asynchronous motor, two separate windings, change-pole, two rotation |  |  |
| 89 <br> VTHY2 <br> Thyristor diode, bidirectional, Diac | $\forall A$ | $\nabla$ | 98 <br> FA1 <br> Circuit breaker, single-pole | $s y^{\prime}$ | $\psi_{0}^{0}$ | 108 <br> M2YD <br> Three-phase induction motor, star-delta connection |  |  |
| 91 <br> PZS <br> Count function, identifier with NO contact | $(0,)^{\prime}$ | $\text { (o) } 0^{\circ}$ | 99 <br> VTHY3 <br> Thyristor triode | $\ngtr$ |  | $\begin{aligned} & 109 \\ & \text { M3_VE } \end{aligned}$ <br> Three-phase motor for ventilating fan |  | $\begin{gathered} 1 \\ \left(\begin{array}{c} M \\ 3 \sim \\ 1 \\ 8 \end{array}\right. \\ \hline \end{gathered}$ |
| 92 <br> PV <br> Voltage measuring instrument, with display, voltmeter | V | 1 vi 0 0 | $\begin{aligned} & 100 \\ & \text { BST } \end{aligned}$ <br> NO temperature switch | $\rangle^{\prime} \Theta$ | ת | $\begin{aligned} & 110 \\ & \text { M3_1T_1 } \end{aligned}$ <br> Three-phase asynchronous motor with thermal monitoring, one rotation |  |  |
| 93 <br> PA <br> Current measuring instrument, with display, ampmeter | A | 1 9. 0 0 | $102$ <br> BOT <br> NC temperature switch | $4 \theta$ | ת | 111 <br> GBOX32 <br> Rectifier, three-phase bridge, three-pase, secondary, 2 connection points |  |  |
| 94 <br> VZ <br> Zener diode, Z diode, unidirectional, voltage limiting diode | $\$$ | $\dot{\gamma}_{1}$ | $103$ <br> YK <br> Magnetic clutch | $\square_{1}^{1}-\left[\frac{-}{7}\right.$ |  | 112 <br> M9SCHL <br> Three-phase asynchronous motor, two separate windings, change-pole, three rotation |  |  |
| 95 <br> HUH <br> Clock / secondary clock, general | 1 | $\square^{1}$ | $\begin{aligned} & 105 \\ & \text { USP } \end{aligned}$ <br> Discharger | $1$ |  | $\begin{aligned} & 115 \\ & \text { RMB } \end{aligned}$ <br> Resistance bridge |  |  |

## Symbol overview

| $116$ <br> RE <br> Heating element | 自 | 124 <br> QL3 <br> Power circuit breaker／motor overload switch with switch mechanism and without line |  | $\begin{gathered} -\frac{0}{0}-\frac{0}{0}-\left(\begin{array}{l} 0 \\ \frac{0}{3} \\ \frac{0}{3} \end{array}\right. \end{gathered}$ | 134 <br> SLSAC <br> Light barrier，transmitter，AC supply | $\pm t_{1}^{1}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $117$ <br> RST1 <br> Resistor，variable |  | $\begin{aligned} & 125 \\ & \text { RCK } \end{aligned}$ <br> RC network | $\frac{\square}{\square}$ |  | 135 <br> SLEAC <br> Light barrier，receiver，AC supply |  |  |
| $\begin{aligned} & 118 \\ & \text { HSU } \end{aligned}$ <br> Buzzer，rattle |  | 128 <br> Q3 <br> Load－break switch，three－pole， NO contact，operated by turning | $5 v f^{\prime}-t^{\prime}-t^{\prime}$ | $4 t^{0}-t^{0}-t^{0}$ | $136$ SLSDC <br> Light barrier，transmitter，DC supply |  |  |
| $119$ RST2 <br> Resistor，adjustable |  | $129$ <br> Q2 <br> Switch，two－pole，NO contact， operated by turning | $f v f^{\prime}---\eta^{\prime}$ | $t_{0}^{0}---t_{0}^{0}$ | 137 <br> SLEDC <br> Light barrier，receiver，DC supply |  |  |
| 120 <br> RA <br> Resistor，inherent，non－linear |  | 130 <br> BSSW <br> Float switch，NO contact | $\phi t^{\prime}$ | $\mathrm{O}_{0}^{\mathrm{o}}$ | 138 <br> SSLRX <br> Photoelectric switch，NO contact，with plug－in connection |  |  |
| $121$ <br> FA2 <br> Circuit breaker，two－pole | $5 y^{\prime}$ <br> $5{ }^{\prime}$ | $\begin{aligned} & 131 \\ & \text { BOSW } \end{aligned}$ <br> Float switch，NC contact | $0-4$ | $0-9$ | $139$ <br> SSLR <br> Photoelectric switch，NO contact |  |  |
| 122 <br> HT <br> Lamp，supplied by a built－in transformer |  | 132 <br> BSD <br> Flow switch，general，NO contact | $\square)^{\prime}$ | $\Delta 0_{0}^{0}$ | 141 <br> SONS2X <br> Proximity sensor，NC contact， with plug－in connection |  |  |
| $\begin{aligned} & 123 \\ & \text { XUS } \end{aligned}$ <br> Plug，three－pole | 「ーームーム7 「化-半-解 | 133 <br> BOD <br> Flow switch，general，NC contact | $\square-7$ | $\therefore 0$ | $143$ <br> SSNS2X <br> Proximity sensor，NO contact， with plug－in connection |  |  |

｜Replaced by

## Symbol overview

| $145$ <br> SONS2 <br> Proximity sensor, NC contact | $\frac{1}{\Delta_{2}^{+}} \frac{-}{1}$ | +o<co | 160 <br> SOA <br> Pushbutton, NC contact, general | $+\cdots-4$ | $\frac{\mathrm{g}}{\mathrm{~d}}$ | 170 <br> SONOT1 <br> Emergency stop switch / <br> Emergency stop pushbutton, NC contact | $\cdots \cdots$ | $\left(\frac{9}{d}\right.$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $146$ <br> SSNS2 <br> Proximity sensor, NO contact | $\Delta_{4}^{+}<-$ | +os | $\begin{aligned} & 161 \\ & \text { XBSK } \end{aligned}$ <br> Female and male pin, coaxial | $\underset{\leftarrow}{\infty}$ |  | $171$ <br> SCHL <br> Slipring transformer | $\dot{\phi}^{R}$ | 中号 |
| $148$ <br> SSNS1 <br> Proximity sensor, NO contact | $\Delta$ $\square$ |  | 164 <br> KUB <br> Electromechanical operating device of an overvoltage release | $\begin{gathered} 1 \\ u> \end{gathered}$ | (U) | $174$ <br> FAH3 <br> Circuit breaker, three-pole, with line for auxiliary contact | sysy's ' | $\psi_{0}^{0}-\left(-_{0}^{0}-\left(-O_{0}^{0}--\right.\right.$ |
| $149$ <br> SONS1 <br> Proximity sensor, NC contact | $\Delta$ | -20) | 165 <br> KUN <br> Electromechanical operating device of an undervoltage release | $\frac{1}{u<}$ | (U<) | 176 <br> HB <br> Indicator light, blinking | غr | $\text { ( } 1$ |
| $150$ <br> SONOT2 <br> Emergency stop switch / Emergency stop pushbutton, NC contact, with turn-to-reset | $\stackrel{4}{1}--\sqrt{\top} \Theta$ | $\left(v^{\wedge}-\mathrm{q}\right.$ | 166 <br> KFI <br> Electromechanical operating device of a ground fault current release | $\frac{\square}{-I I_{\Delta}}$ | (II) | 177 <br> HRL <br> Rotating lamp | $\otimes$ | © |
| 151 <br> LM3 <br> Inductor with magnetic core, three-phase |  | $\{\|\xi\|$ | $\begin{aligned} & 167 \\ & \text { PZBSTD } \end{aligned}$ <br> Counter, operating hours |  | $\theta$ | 178 <br> H4 <br> Lamp / indicator light, with lamp test function | $\underbrace{4}$ | $\wp^{\prime}$ |
| 155 <br> FAH1 <br> Circuit breaker, single-pole, with line for auxiliary contact |  | $\psi_{0}^{0}---$ | 168 <br> PZIMP <br> Counter, pulse counter | $\stackrel{1}{\square}, 0$ | 1 0 0 0 | 179 <br> M2W_VE <br> $A C$ motor for ventilating fan |  | $\begin{gathered} \left(\begin{array}{c} M \\ 1 \sim \\ 1 \\ 1 \\ 8 \end{array}\right. \end{gathered}$ |
| 159 <br> SSA <br> Pushbutton, NO contact, general | $+--f^{\prime}$ | $f_{0}^{0}$ | 169 <br> SSNOT1 <br> Emergency stop switch / Emergency stop pushbutton, NO contact | $(--)^{\prime} \Theta$ | $H_{0}^{0}$ | 180 <br> EHX1 <br> Enclosure light with female receptacle |  |  |



IEC_tpl001

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| :--- | ---: |
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## Symbol overview



## Symbol overview

| 214 <br> KL2S <br> Second coil for remanent relay (detached representation) | $-v-\frac{1}{\square}$ $-v-\bigcirc$ | 224 <br> TS3DRST <br> Three-phase transformer, delta-star connection |  |  | $\begin{aligned} & 233 \\ & \text { XBD } \end{aligned}$ <br> Socket of a plug connection | $\downarrow$ | $\lambda$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 215 \\ & \text { SSG } \end{aligned}$ <br> NO cam-switch device | $O_{0}-1^{\prime}$ <br> 0 | $225$ <br> TV <br> Potential transformer | $\begin{aligned} & \omega \\ & m \end{aligned}$ | $\begin{aligned} & i 0 \\ & 00 \end{aligned}$ | 234 <br> XBD2 <br> Female pin of a plug connection with direct connection point | $\downarrow$ | $\lambda$ |
| $\begin{aligned} & 216 \\ & \text { SOG } \end{aligned}$ <br> NC cam-switch device | $00-1$ $\text { Qa } 0 \cdot \frac{1}{0}$ | 226 <br> BAT <br> Battery, primary or secondary element, accumulator | $\frac{1}{T}$ | $\frac{\perp}{\top}$ | $\begin{aligned} & 236 \\ & \text { XSD } \end{aligned}$ <br> Plug of a plug connection |  | $\uparrow$ |
| 219 <br> LM <br> 3-phase line reactor for NC devices |  | 228 <br> M2W <br> AC motor |  |  | 237 <br> SWNS <br> Proximity sensor, change-over contact | $\frac{1}{\Delta_{2}^{+} A_{7}^{-}}$ |  |
| 220 <br> T3STDR <br> Three-phase transformer, star-delta connection |  | 229 <br> SWLR <br> Photoelectric switch change-over contact |  |  | $\begin{aligned} & 238 \\ & \text { XSD2 } \end{aligned}$ <br> Plug of a plug connection with direct connection point |  | $\uparrow$ |
| 221 <br> TS3STDR <br> Three-phase transformer, star-delta connection |  | 230 <br> SWLRX <br> Photoelectric switch change-over contact, with plug-in connection |  |  | 239 <br> SWNSX <br> Proximity sensor, change-over contact, with plug-in connection |  |  |
| 222 <br> XTR2 <br> Isolating terminal, opened | go go | $\begin{aligned} & 231 \\ & \text { OC1 } \end{aligned}$ <br> Optocoupler, 4 conductors |  |  | 242 <br> QLIM11 <br> Limiter, without thermal contacts, with switch mechanism and line |  | $\frac{0}{0}-\left(-e_{0}^{0}\right.$ |
| $223$ <br> RF <br> Photoresistor |  | $\begin{aligned} & 232 \\ & \text { OC2 } \end{aligned}$ <br> Optocoupler, 6 conductors |  |  | 243 <br> QLIM21 <br> Limiter, with thermal contacts, with switch mechanism and line |  | $\frac{0}{3}$ |

## Symbol overview

| 244 <br> SSSV <br> Switch, leading NO contact, operated by key | $\operatorname{Qr} f^{1}$ | $8 H_{0}^{0}$ | 254 <br> FI4 <br> Ground fault current circuit breaker, \%0-pole |  | 264 <br> C3 <br> Feedthrough capacitor | $1 \longmapsto$ | $\mathbb{H}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 245 <br> RPTC <br> Resistor, PTC thermistor | $\underbrace{0}$ | ${ }^{\circ} \underbrace{\wedge}$ | 255 <br> XEDU <br> Diode terminal |  | $\begin{aligned} & 265 \\ & \mathrm{C} 4 \end{aligned}$ <br> Capacitor, polarized (electrolytic capacitor) | $\stackrel{+1}{T}$ | $+\frac{1}{\tau}$ |
| 246 <br> RNTC <br> Resistor, NTC thermistor | $\underbrace{0}$ |  | 257 <br> XU5 <br> Female receptacle, five-pole (CEE) |  | $266$ <br> C5 <br> Capacitor, variable | $\neq$ | 芐 |
| 247 <br> RP1 <br> Resistor with movable contact |  |  | 258 <br> SMW <br> NO contact with action line | $--\dagger^{\prime} \quad--\frac{\perp}{\top}$ | $\begin{aligned} & 267 \\ & \mathrm{C} 6 \end{aligned}$ <br> Capacitor with default setting | $\neq 1$ | $\frac{\perp}{\tau}$ |
| 248 <br> RP2 <br> Resistor with movable contact / potentiometer |  |  | 259 <br> M9SCHL_T_1 <br> Three-phase asynchronous motor with thermal monitoring, two separate |  | 268 <br> SNE <br> NO contact, late break | $\gamma^{\prime}$ | $\frac{\perp}{\top}$ |
| 249 <br> RP3 <br> Resistor with movable contact and "Off" position |  |  | $260$ <br> SSNOT2 <br> Emergency stop switch / Emergency stop pushbutton, NO contact, with turn-to-reset | $A^{\top}-f^{\prime} \Theta \quad\left(-\sim^{4}-\left.\right\|_{0} ^{0}\right.$ | $269$ <br> OVE <br> NC contact, leading | $4$ | $\nexists$ |
| $\begin{aligned} & 250 \\ & \text { RP4 } \end{aligned}$ <br> Resistor, adjustable, with movable contact / adjustable potentiometer |  |  | 261 <br> RM1 <br> Shunt / Resistor with separate electrical and voltage connections |  | $\begin{aligned} & 270 \\ & \text { SSOV } \\ & \text { No contact, opens and closes } \\ & \text { with delay } \end{aligned}$ | $\Leftrightarrow \bigoplus^{\prime}$ | $x_{0}^{0}$ |
| 253 <br> RM <br> Resistor with two fixed tappings |  | $\stackrel{\square}{\square}$ | $\begin{aligned} & 262 \\ & \text { RCP } \end{aligned}$ <br> Resistor, carbon pile | 章 | $\begin{aligned} & 271 \\ & \mathrm{SSZ} \end{aligned}$ <br> Pushbutton, NO contact, operated by pulling | $---)^{\prime}$ | $f_{0}^{0}$ |

## Symbol overview

| 274 <br> BOTA <br> NC contact with automatic thermal actuation | $\Omega-4$ | ת | $\begin{aligned} & 283 \\ & \text { HSI } \\ & \text { Siren } \end{aligned}$ | $\stackrel{\Delta}{\square}$ | $\Delta$ | 291 <br> M2GN <br> Shunt motor, DC |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 275 <br> QLS1 <br> NO contact, power circuit breaker | $\rangle^{\star}$ | $\frac{\perp}{\top}$ | $284$ <br> HP <br> Whistle, electrically-operated |  |  | $292$ <br> TS11M1 <br> Transformer with center tap on one side | w $m$ | $\underbrace{\text { mos }}_{\text {mos }}$ |
| 276 <br> SLA <br> Power NO contact of a contactor with automatic actuation | $i^{0}$ | $\stackrel{\perp}{\top}$ | 285 <br> SSBE <br> Switch, NO contact, touch-sensitive | $\omega-I^{\prime}$ | (a) | 293 <br> QL4 <br> Power circuit breaker / motor overload switch with switch mechanism, thermal release, |  | $\begin{gathered} 4 \frac{0}{0}-\left(\frac{0}{0}-\left(\begin{array}{l} 0 \\ \} \end{array}\right.\right. \\ \zeta \end{gathered}$ |
| 277 <br> OL <br> Power NC contact of a contactor | $4$ | $\nmid$ | $286$ <br> SSNE <br> Proximity switch, NO contact | $\Delta-)^{\prime}$ | - | 297 <br> MASSE <br> Housing frame | T | $\Psi$ |
| 279 <br> STRS <br> Disconnect switch | $\rangle^{\perp}$ | $-\delta_{0}^{0}$ | 287 <br> SSNEM <br> Proximity switch, NO contact, actuated by proximity of magnet | $[\otimes]^{\prime}$ |  | $298$ <br> ERDE2 <br> Protective ground / protective conductor connection | $\xlongequal{Ð}$ | $\xlongequal{Ð}$ |
| 280 <br> LM2 <br> Inductor with air gap in magnetic core | $\xi$ | $\begin{array}{\|} 1 \\ 1 \end{array}$ | 288 <br> FS <br> Fuse switch, single-pole | $\phi^{\prime}$ | $\dot{E}^{\prime}$ | 299 <br> ERDE1 <br> Ground, low-noise | $\stackrel{1}{=}$ | 츨 |
| 281 <br> LMV1 <br> Inductor with magnetic core, permanently variable | $3$ | $3$ | 289 <br> FLTR1 <br> Fuse switch disconnector, single-pole | $\psi^{\circ}$ | $\dot{\theta}^{\prime}$ | 300 <br> ERDE <br> Ground, general | $\stackrel{\perp}{=}$ | $\stackrel{\perp}{=}$ |
| 282 <br> QLTR1 <br> Switch disconnector, single-pole | $\rangle^{\frac{1}{0}}$ | $-\delta_{0}^{0}$ | $\begin{aligned} & 290 \\ & \text { M2GR } \end{aligned}$ <br> Series motor, DC |  |  | $\begin{aligned} & 301 \\ & \mathrm{Y} 2 \end{aligned}$ <br> Solenoid valve, 2 coils | $\stackrel{\square}{\square}-\frac{\nabla}{\square}--\sqrt{\square}$ | $\frac{2}{i}-----\frac{2}{i}$ |

## Symbol overview

| $\begin{aligned} & 302 \\ & \mathrm{Y} 11 \mathrm{X} \end{aligned}$ <br> Solenoid valve，with plug－in connection（stretched） |  | $312$ <br> A3FILTER <br> Line filter，three－pole |  | $\begin{aligned} & 322 \\ & \text { FS2 } \end{aligned}$ <br> Fused switch，two－pole |  | $\begin{gathered} 4_{0}^{\circ}-t^{\circ} \\ \text { 早 } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 303 <br> FT4 <br> Electromechanical device of a thermal relay，four－pole | प, ち. | $\begin{aligned} & 313 \\ & \text { EH2 } \end{aligned}$ <br> Fluorescent lamp without PE | 『 | 323 <br> QLIM12 <br> Limiter，without thermal contacts |  | $T^{-\frac{0}{0}-\frac{0}{0}-\left(\begin{array}{l} 0 \\ 0 \\ 1 \end{array}\right.}$ |
| $304$ BSK <br> Power－operated mechanism， general，NO contact |  | $314$ <br> CDREIECK <br> Capacitors，delta connection |  | $325$ <br> FS3 <br> Fused switch，three－pole |  |  |
| $\begin{aligned} & 305 \\ & \text { BOK } \end{aligned}$ <br> Power－operated mechanism， general，NC contact | $\square-4 \quad \frac{q}{d}$ | 315 <br> CSTERN <br> Capacitors，star connection | $\stackrel{1}{\square} \mid$ | $\begin{aligned} & 327 \\ & \text { FS1 } \end{aligned}$ <br> Fused switch，single－pole |  | $\begin{aligned} & 4^{\circ} \\ & \text { 옵 } \end{aligned}$ |
| 307 <br> M3＿1 <br> Three－phase asynchronous motor，one rotation speed |   | 316 <br> YX <br> Solenoid valve，coil，with plug－in connection |  | $\begin{aligned} & 350 \\ & \text { PLC_CBOX } \\ & \begin{array}{l} \text { PLC connection point, } \\ \text { distributed view } \end{array} \end{aligned}$ | ${ }^{1}$ |  |
| 309 <br> KUN1 <br> Electromechanical operating device of an undervoltage release |  | $\begin{aligned} & 317 \\ & Y 2 X \end{aligned}$ <br> Solenoid valve， 2 coils，with plug－in connection |  | 351 <br> PLC＿CBOX＿CON <br> PLC connection point， distributed view，additional connection point | .$^{1}$ | .$^{1}$ |
| $310$ <br> XTUER <br> Connector for door |  | 320 <br> M3＿STELL <br> Actuator motor |  | $\begin{aligned} & 352 \\ & \text { PLC_CBOX_LEFT } \end{aligned}$ <br> PLC connection point， distributed view for combination with additional | ${ }^{1}$ | 1 |
| 311 <br> YB3 <br> Solenoid brake，three－wire | $\stackrel{1}{\square}-\square$ $\begin{array}{\|cc\|} \hline 2 & 0 \\ \hline \end{array}$ | 321 <br> XTRPE <br> Earth－isolating terminal |  | 353 <br> PLC＿CBOX＿LEFT＿PLUG <br> PLC connection point， distributed view for combination with additional | $\hat{\sigma}_{1}$ | $\hat{\mathrm{A}}^{1}$ |

## Symbol overview



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## Symbol overview

| 1010 <br> KST <br> Electromechanical operating device of an interlock relay | $\measuredangle_{1}^{1}$ | © | $\begin{aligned} & 1019 \\ & \text { SOBE } \end{aligned}$ <br> Switch，NC contact， touch－sensitive | $10-1$ | －020 | $\begin{aligned} & 1027 \\ & \text { GBOX33 } \end{aligned}$ <br> Rectifier，three－phase bridge， three－pase，secondary， 3 connection points |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1011$ <br> W2 <br> Change－over contact with break point（2－path） | $4\lrcorner$ | $\neq \frac{\perp}{\tau}$ | 1020 <br> SONEM <br> Proximity switch，NC contact， actuated by proximity of magnet | $[\otimes-7$ |  | 1028 <br> GBOX23 <br> Rectifier，three－phase bridge， two－pase，secondary， 3 connection points |  |  |
| $\begin{aligned} & 1012 \\ & \text { W3 } \end{aligned}$ <br> Change－over contact with break point（3－path） | $Y^{-1}$ | $\not \underset{1}{\neq} \stackrel{\perp}{\tau}$ | 1021 <br> BSTA <br> NO contact with automatic thermal actuation | $\}^{\prime}$ | ת | 1029 <br> HT1 <br> Indicator light，supplied by a built－in transformer | $0$ | $\sum_{1}$ |
| $\begin{aligned} & 1013 \\ & \text { OSOV } \end{aligned}$ <br> NC contact，opens and closes with delay | $\doteq$ | $\times 9$ | 1022 <br> FTR3 <br> Fused disconnect，three－pole | $t^{+}--t^{+}--t^{+}$ | 官官官官 | $1030$ <br> KUB1 <br> Electromechanical operating device of an overvoltage release | $\begin{gathered} 1 \\ \frac{1}{U>} \\ \hline \quad 1 \end{gathered}$ | $\stackrel{1}{3}$ |
| $\begin{aligned} & 1015 \\ & \text { SOZ } \end{aligned}$ <br> Pushbutton，NC contact， operated by pulling | $3-\cdots$ | $\frac{\mathrm{q}}{\mathrm{~d}}$ | $\begin{aligned} & 1023 \\ & \text { FA3 } \end{aligned}$ <br> Circuit breaker，three－pole | $y^{\prime} y^{\prime} y y^{\prime}$ | $\psi_{0}^{0}-\left(O_{0}^{0}-\left(\begin{array}{l} 0 \\ 0 \end{array}\right.\right.$ | $\begin{aligned} & 1031 \\ & \text { M6_1 } \end{aligned}$ <br> Three－phase asynchronous motor，one winding， change－pole，two rotation |  |  |
| $\begin{aligned} & 1016 \\ & \text { SOR } \end{aligned}$ <br> Pushbutton，NC contact， operated by turning | $=--7$ | $\frac{\mathrm{q}}{\mathrm{~d}}$ | $1024$ <br> FAH2 <br> Circuit breaker，two－pole，with line for auxiliary contact | $s_{y}^{\prime}--y_{y}^{\prime}-$ | $\psi_{0}^{0}---()_{0}^{0}---$ | $\begin{aligned} & 1032 \\ & \text { M2YD_1 } \end{aligned}$ <br> Three－phase induction motor， star－delta connection |  |  |
| $\begin{aligned} & 1017 \\ & \text { SSR } \end{aligned}$ <br> Pushbutton，NO contact， operated by turning | $F--)^{\prime}$ | $H_{0}^{0}$ | $\begin{aligned} & 1025 \\ & \text { G33 } \end{aligned}$ <br> Rectifier，three－phase bridge， three－pase，secondary， 3 connection points |  |  | $\begin{aligned} & 1033 \\ & \text { M6SCHL_1 } \end{aligned}$ <br> Three－phase asynchronous motor，two separate windings， change－pole，two rotation |  |  |
| $\begin{aligned} & 1018 \\ & \text { SONE } \end{aligned}$ <br> Proximity switch，NC contact | $\Delta--7$ | －00） | $\begin{aligned} & 1026 \\ & \text { G23_1 } \end{aligned}$ <br> Rectifier，three－phase bridge， two－pase，secondary， 3 connection points |  |  | $\begin{aligned} & 1034 \\ & \text { M6_1T_1 } \end{aligned}$ <br> Three－phase asynchronous motor，with thermal monitoring，one winding， |  |  |

Replaced by

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| $1035$ <br> QLIM22 <br> Limiter, with thermal contacts | $\begin{array}{\|ccc\|} \hline f^{\prime}-f^{\prime}-f^{\prime} \\ \hline & & \\ \hline \mathrm{I} \gg & \mathrm{I} \gg & \mathrm{I} \gg \\ \hline \end{array}$ | $\begin{gathered} -\frac{0}{0}-\frac{0}{0}-\left(\begin{array}{l} 0 \\ 3 \\ \xi \\ \xi \end{array}\right) \end{gathered}$ | 1043 <br> T3DRST <br> Three-phase transformer, delta-star connection |  |  | 1051 <br> STELL3 <br> N-position switch, 3 positions |  | $\underset{O}{9}-a_{0}^{0}-t_{0}^{0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1036 \\ & \text { PVAR } \end{aligned}$ <br> Measuring instrument, variable, with display |  |  | $\begin{aligned} & 1044 \\ & \text { Y11 } \end{aligned}$ <br> Solenoid valve, general (stretched) | $\square-8$ | $\frac{Q}{i}$ | $1052$ <br> STELL4 <br> N-position switch, 4 positions |  | $=0 t_{0}^{0}-t_{0}^{0}-t_{0}^{0}$ |
| $1037$ <br> PZVAR <br> Counter, variable |  | 0 | $\begin{aligned} & 1045 \\ & \text { YXPE } \end{aligned}$ <br> Solenoid valve, PE connection point | 1-9) | H> | 1053 <br> STELL5 <br> N-position switch, 5 positions |  | $\text { 泣 }-9-t_{0}^{0}-t_{0}^{0}-t_{0}^{0}-t_{0}^{0}$ |
| $\begin{aligned} & 1038 \\ & \text { PZO } \end{aligned}$ <br> Count function, identifier with NC contact | 0아- 4 | (ㅇ-9 | 1046 <br> OMW <br> NC contact with action line | $--4$ | $--\frac{H}{4}$ | $1054$ <br> STELL6 <br> N-position switch, 6 positions | Fritititit , , | $\text { 湷 } 0-l_{0}^{0}-t_{0}^{0}-t_{0}^{0}-t_{0}^{0}-t_{0}^{0}$ |
| 1039 <br> SONOT3 <br> Emergency stop switch / Emergency stop pushbutton, NC contact, with pull-to-reset | $\stackrel{4}{4}--\sqrt{4} \oplus$ | $\left(\mathrm{ul}^{\dagger}-\mathrm{g}\right.$ | $\begin{aligned} & 1047 \\ & \text { OSTR } \end{aligned}$ <br> NC contact with spring return | $4$ | $\nmid$ | 1055 <br> SW3DR <br> Switch, change-over contact <br> (3-path), operated by pushing |  |  |
| 1040 <br> SSNOT3 <br> Emergency stop switch / Emergency stop pushbutton, NO contact, with pull-to-reset | $\left.\sim_{1}^{4}-\right\}^{\prime} \oplus$ | $\left(-\left.\left.\right\|^{\dagger}\right\|_{0} ^{0}\right.$ | $\begin{aligned} & 1048 \\ & \text { FT1 } \end{aligned}$ <br> Electromechanical device of a thermal relay, single-pole |  | $\zeta$ | 1056 <br> SW2DR <br> Switch, change-over contact <br> (2-path), operated by pushing | $\mathrm{Ev}-\mathrm{F}^{-}$ | $9^{\circ}$ |
| 1041 <br> SONOT4 <br> Emergency stop switch / Emergency stop pushbutton, NC contact, key release | $\stackrel{L 0}{\square}$ | ${ }_{2}^{50}-9$ | $\begin{aligned} & 1049 \\ & \text { SSTR } \end{aligned}$ <br> NO contact with spring return |  | $\stackrel{\perp}{\top}$ | $1057$ <br> W2AV <br> Change-over contact (2-path), with pick-up delay | $\oiiint^{\lrcorner}$ | $4^{\circ-}$ |
| 1042 <br> SSNOT4 <br> Emergency stop switch / Emergency stop pushbutton, NO contact, key release |  | $\left(\left.64^{5}\right\|_{0} ^{0}\right.$ | $1050$ <br> STELL2 <br> N-position switch, 2 positions |  | $.$ | $\begin{aligned} & 1058 \\ & \text { W3AV } \end{aligned}$ <br> Change-over contact (3-path), with pick-up delay |  | $9_{0}^{\circ}$ |



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| 1059 <br> W2RV <br> Change-over contact (2-path), <br> with drop-out delay | $\rightleftharpoons$ | $>9^{\circ}$ | 1067 <br> SW3BE <br> Switch, change-over contact <br> (3-path), touch-sensitive | $\Delta-4$ |  | $\begin{aligned} & 1075 \\ & \text { SW3M } \\ & \text { Limit switch, change-over } \\ & \text { contact (3-path), mechanically } \\ & \text { operated } \end{aligned}$ | $\xi^{-1}$ | $g^{\circ}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1060 <br> W3RV <br> Change-over contact (3-path), with drop-out delay | $\rightleftharpoons^{4}$ | $>_{0}^{\circ}$ | 1068 <br> SW2D <br> Pushbutton, change-over contact (2-path), operated by pushing | $\mathrm{E}---\dagger$ | $o$ | $\begin{aligned} & 1076 \\ & \text { SW2N } \end{aligned}$ <br> Cam switch, change-over contact (2-path) | ৫--4 | o |
| 1061 <br> W2_SWB <br> Change-over contact, momentary contact on actuation and release (right | $4 \downarrow$ | $q^{\circ}$ | $1069$ <br> SW3D <br> Pushbutton, change-over contact (3-path), operated by pushing | $E---)^{4}$ | $9$ | 1077 <br> SW3N <br> Cam switch, change-over contact (3-path) |  | $\mathrm{S}^{\circ}$ |
| $\begin{aligned} & 1062 \\ & \text { W2_SWL } \end{aligned}$ <br> Change-over contact, momentary contact, contact make on release (left) | $4$ | $q^{\circ}$ | $\begin{aligned} & 1070 \\ & \text { SW2F } \end{aligned}$ <br> Pushbutton, change-over contact (2-path), pedal-operated | $\cdots$ | $\mathrm{g}^{\circ}$ | $1078$ <br> SW2NE <br> Proximity switch, change-over contact (2-path) | $\Delta--7 \quad\lrcorner$ |  |
| $1063$ <br> W2_SWR <br> Change-over contact, momentary contact, contact make on actuation (right) | $41$ | $q^{\circ}$ | 1071 <br> SW3F <br> Pushbutton, change-over contact (3-path), <br> pedal-operated | $\sin ^{4}$ | $\mathrm{g}_{0}^{\circ}$ | $1079$ <br> SW3NE <br> Proximity switch, change-over contact (3-path) | $\Delta--^{-1}$ |  |
| $\begin{aligned} & 1064 \\ & \text { SORW } \end{aligned}$ <br> Switch, NC contact, operated by turning, 2 positions | $5 x^{12}-4$ | $\frac{9}{9}$ | 1072 <br> SW2G <br> Cam-switch device, change-over contact (2-path) | $0_{0}-4-4$ | Qoof | 1080 <br> SW2NEM <br> Proximity switch, change-over contact (2-path), actuated by proximity of magnet | $[\otimes-4-1$ |  |
| $\begin{aligned} & 1065 \\ & \text { SSRW } \end{aligned}$ <br> Switch, NO contact, operated by turning, 2 positions | $5 \cdot t^{2}-y^{\prime}$ | $,\left.\right\|_{0} ^{0}$ | $1073$ <br> SW3G <br> Cam-switch device, change-over contact (3-path) | $0_{0}--\underbrace{4}$ | $\mathrm{C}_{0}^{9}-$ | $1081$ <br> SW3NEM <br> Proximity switch, change-over contact (3-path), actuated by proximity of magnet | $[\bowtie-4]^{-}$ |  |
| 1066 <br> SW2BE <br> Switch, change-over contact <br> (2-path), touch-sensitive |  |  | 1074 <br> SW2M <br> Limit switch, change-over contact (2-path), mechanically operated |  | $g^{\circ}$ | 1082 <br> SW2NOT1 <br> Emergency stop switch / Emergency stop pushbutton, change-over contact (2-path) | $\cdots \cdots \Theta^{-}$ | :-a-10 |

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| 1083 <br> SW3NOT1 <br> Emergency stop switch / Emergency stop pushbutton, change-over contact (3-path) | $0-)^{-}$ | $\text { ( }-\frac{9}{0}$ | 1091 <br> SW3RR <br> Switch, change-over contact <br> (3-path), operated by turning | $5 v-4$ | e | 1099 <br> SW3R <br> Pushbutton, change-over contact (3-path), operated by turning | $5--)^{-1}$ | e |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1084 <br> SW2NOT2 <br> Emergency stop switch / Emergency stop pushbutton, change-over contact (2-path), | لin | $\text { (x+ }-9-1_{0}^{0}$ | 1092 <br> SW2SR <br> Switch, change-over contact (2-path), operated by key | $8-4-4$ | $8-9$ | $1100$ <br> SW2S <br> Pushbutton, change-over contact (2-path), operated by key | $8--4$ | $8-9$ |
| 1085 <br> SW3NOT2 <br> Emergency stop switch / Emergency stop pushbutton, change-over contact (3-path), | $\stackrel{4}{4}-\underbrace{-1}$ | $\left(x^{4}-9-1_{0}^{0}\right.$ | $1093$ <br> SW3SR <br> Switch, change-over contact <br> (3-path), operated by key | $\text { Pro- }-4$ | $0$ | 1101 <br> SW3S <br> Pushbutton, change-over contact (3-path), operated by key | $8---)^{4}$ | B |
| 1086 <br> SW2NOT3 <br> Emergency stop switch / Emergency stop pushbutton, change-over contact (2-path), | 4.- | $\left(-x^{t}--q-t_{0}^{0}\right.$ | $\begin{aligned} & 1094 \\ & \text { SW2AR } \\ & \begin{array}{l} \text { Switch, change-over contact } \\ \text { (2-path), general } \end{array} \end{aligned}$ | $+\sim-4$ | $-9-10$ | 1102 <br> SW2Z <br> Pushbutton, change-over contact (2-path), operated by pulling | $3-\ldots-f$ | - |
| $1087$ <br> SW3NOT3 <br> Emergency stop switch / Emergency stop pushbutton, change-over contact (3-path), | $\left.\stackrel{N}{4}_{4}^{4}-\right)^{-1}$ | $\text { (.1t }-9-1=10$ | $\begin{aligned} & 1095 \\ & \text { SW3AR } \\ & \text { Switch, change-over contact } \\ & \text { (3-path), general } \end{aligned}$ | $+\operatorname{rv}^{4}$ | or on on | 1103 <br> SW3Z <br> Pushbutton, change-over contact (3-path), operated by pulling | ]--- | بo |
| $1088$ <br> SW2NOT4 <br> Emergency stop switch / Emergency stop pushbutton, change-over contact (2-path), |  |  | $1096$ <br> SW2A <br> Pushbutton, change-over contact (2-path), general | $+--\nmid$ | $9-10$ | 1104 <br> SW2RW <br> Switch, change-over contact <br> (2-path), operated by turning, <br> 2 positions | $5 r^{2}-4$ | , |
| $1089$ <br> SW3NOT4 <br> Emergency stop switch / <br> Emergency stop pushbutton, change-over contact (3-path), |  |  | 1097 <br> SW3A <br> Pushbutton, change-over contact (3-path), general | $+---\underbrace{4}$ | $-9.10$ | $1105$ <br> SW3RW <br> Switch, change-over contact (3-path), operated by turning, 2 positions | $5 x^{12}-4$ | : |
| $1090$ <br> SW2RR <br> Switch, change-over contact <br> (2-path), operated by turning | $5$ | q-10 | 1098 <br> SW2R <br> Pushbutton, change-over contact (2-path), operated by turning | $5--\psi^{-1}$ | + | 1106 <br> W2ARV <br> Change-over contact (2-path), with pick-up and off-delay | $\oiiint$ | $\times 9^{0-}$ |

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## Symbol overview

| 1107 <br> W3ARV <br> Change-over contact (3-path), with pick-up and off-delay |  $x_{0}^{9}$ | $1115$ <br> QL1 <br> Power circuit breaker / motor overload switch with switch mechanism and without line |  | $\begin{aligned} & -\begin{array}{l} 0 \\ 0 \\ 3 \end{array} \end{aligned}$ | $\begin{aligned} & 1123 \\ & \text { M2G_B } \end{aligned}$ <br> DC motor with brushes, general |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1108$ <br> KA4 <br> Electromechanical operating device with pick-up delay |  | $1116$ <br> Fn <br> Fuse, n-pole, general (placeholder) |  |  | 1124 <br> KL4S <br> Electromechanical operating device of a remanent relay, detached representation | $\frac{a_{1}}{1}-v-\sqrt{\square_{1}}$ | $\otimes-v-\bigcirc$ |
| 1109 <br> KAR4 <br> Electromechanical operating device with pick-up / off-delay |  | $\begin{aligned} & 1117 \\ & \text { X2 } \\ & \text { Terminal } \end{aligned}$ | ¢ | ¢ | $1125$ <br> W2_2 <br> Change-over contact (2-path) with break point | $4^{\prime}$ | go |
| $\begin{aligned} & 1110 \\ & \text { KM4 } \end{aligned}$ <br> Electromechanical operating device of a multi-function relay |  | 1118 <br> KRM4 <br> Electromechanical operating device of a remanent relay | $\square_{1}^{1 \quad 1}$ |  | 1126 <br> W2AV_2 <br> Change-over contact (2-path), with pick-up delay | $\oiiint^{\prime}$ | $\mathrm{g}_{0}^{\circ}$ |
| 1111 <br> KR4 <br> Electromechanical operating device with off-delay |  | 1119 <br> SCHB1 <br> Protective circuiting of a coil through a diode | 五 | $\square$ | 1127 <br> W2RV_2 <br> Change-over contact (2-path), with drop-out delay | $2$ | $>90$ |
| $1112$ <br> TS11SP <br> Single-phase autotransformer | wu | $\begin{aligned} & 1120 \\ & \text { SCHB2 } \end{aligned}$ <br> Protective circuiting of a coil through a diode and zener diode | $\begin{aligned} & 7 \\ & \boxed{7} \end{aligned}$ | $\begin{aligned} & \Delta \\ & \Delta \\ & \Delta \end{aligned}$ | 1128 <br> W2ARV_2 <br> Change-over contact (2-path), with pick-up and off-delay | $\nLeftarrow$ | $\star 0_{0}^{0}$ |
| 1113 <br> QL3M <br> Power circuit breaker / motor overload switch with switch mechanism, motor drive | (M) <br>  | 1121 <br> SCHB3 <br> Protective circuiting of a coil through a varistor |  |  | 1129 <br> W2_SWR_2 <br> Change-over contact (2-path), momentary contact, contact make on actuation (right) | $Y^{1}$ | go |
| 1114 <br> XU5S <br> Plug, five-pole (CEE) |  | $\begin{aligned} & 1122 \\ & \text { SCHB4 } \end{aligned}$ <br> Protective circuiting of a coil through an RC element | $\begin{aligned} & \square \\ & \square \\ & \square \end{aligned}$ | $\begin{aligned} & \square \\ & \frac{\square}{\top} \end{aligned}$ | 1130 <br> W2_SWL_2 <br> Change-over contact (2-path), momentary contact, contact make on release (left) | $4$ | go |

## Symbol overview

| $\begin{aligned} & 1131 \\ & \text { W2_SWB_2 } \end{aligned}$ <br> Change-over contact (2-path) momentary contact on actuation and release (right | $4^{\downarrow} \quad \text { go }$ | $\begin{aligned} & 1142 \\ & \text { FI_4_01 } \end{aligned}$ <br> Ground fault current circuit-breaker, 4-pole |  | $\begin{aligned} & 1150 \\ & \text { TISTQ } \end{aligned}$ <br> Measuring transducer, ideal power source |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1132 <br> W2TA <br> Change-over contact (2-path) with self-actuating thermal actuation | rfi rgo | $\begin{aligned} & 1143 \\ & \text { FI_4_02 } \end{aligned}$ <br> Ground fault current circuit-breaker, 4-pole (3-pole protected, 4-pole switching) |  | $\begin{aligned} & 1151 \\ & \text { TISPQ } \end{aligned}$ <br> Measuring transducer, ideal voltage source |  |  |
| 1133 <br> W3TA <br> Change-over contact (3-path) with self-actuating thermal actuation | $\left.\Omega^{4}\right\lrcorner \quad \Omega_{0}^{\circ}$ | 1144 <br> QL4_5 <br> Power circuit breaker, four-pole, actuation by thermal overload |  | $\begin{aligned} & 1152 \\ & \text { TST_1 } \end{aligned}$ <br> Starter general, motor starter |  |  |
| $\begin{aligned} & 1135 \\ & \text { QSF3 } \end{aligned}$ <br> Switch disconnector with fuse element, three-pole (double break) |  | 1145 <br> Y1PE <br> Solenoid valve, with PE, plug-in connection |  | $\begin{aligned} & 1153 \\ & \text { TST_2 } \end{aligned}$ <br> Starter, direct line, without reverse motion |  |  |
| $\begin{aligned} & 1136 \\ & \text { QSF4 } \end{aligned}$ <br> Switch disconnector with fuse element, four-pole (double break) |  | $1146$ <br> PZAMP <br> Counter, ampere hour meter |  | 1154 <br> TST_3 <br> Starter, direct line, with reverse motion |  |  |
| $\begin{aligned} & 1137 \\ & \text { FI_2_01 } \end{aligned}$ <br> Ground fault current circuit-breaker, 2-pole |  | 1147 <br> PZWATT <br> Counter, watthour meter, electricity meter |  | $\begin{aligned} & 1155 \\ & \text { TST_4 } \end{aligned}$ <br> Starter for star-delta connection |  |  |
| $\begin{aligned} & 1138 \\ & \text { FI_2_02 } \end{aligned}$ <br> Ground fault current circuit-breaker, 2-pole (1-pole protected, 2 -pole switching) |  | $1148$ <br> PZVARH <br> Counter, VAr meter |  | $\begin{aligned} & 1156 \\ & \text { USP_3 } \end{aligned}$ <br> Discharger, three-pole |  |  |
| $\begin{aligned} & 1139 \\ & \text { FI_2_03 } \end{aligned}$ <br> Ground fault current circuit-breaker, 2-pole (2-pole protected, 2 -pole switching) |  | $1149$ <br> PZMAX <br> Counter, watthour meter with maximum indicator, maximum demand meter |  | $\begin{aligned} & 1157 \\ & \text { USP_4 } \end{aligned}$ <br> Discharger, four-pole |  | 本 - 安 |

## Symbol overview

| $\begin{aligned} & 1158 \\ & \text { BST_1 } \end{aligned}$ <br> NO temperature switch | ษ－ | $\underbrace{\circ}_{0}$ | $\begin{aligned} & 1169 \\ & \text { XU } \\ & \text { Female receptacle with PE, } \\ & \text { three-pole } \end{aligned}$ |  |  | $\begin{aligned} & 1177 \\ & \text { SSROL } \\ & \begin{array}{l} \text { Switch, NO contact, roller } \\ \text { operation } \end{array} \\ & \hline \end{aligned}$ | $0-t^{\prime}$ | $0-\left.\right\|_{0} ^{0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1159 \\ & \text { BOT_1 } \end{aligned}$ <br> NC temperature switch | ज-4 | ת | $1170$ <br> FTR2 <br> Fused disconnect，two－pole |  |  | $\begin{aligned} & 1178 \\ & \text { SOROL } \end{aligned}$ <br> Switch，NC contact，roller operation | $0--7$ | $o-\frac{-q}{d}$ |
| 1161 <br> QL1＿2 <br> Miniature circuit－breaker， single－pole，actuation by thermal or electromagnetic | $5$ | $\psi_{0}^{0}$ | 1171 <br> BWT <br> Temperature switch， change－over contact，two－path | ษ--4 | rgo | $\begin{aligned} & 1179 \\ & \text { XU4 } \\ & \begin{array}{l} \text { Female receptacle, four-pole } \\ \text { with PE } \end{array} \end{aligned}$ |  |  |
| 1162 <br> QL1＿3 <br> Power circuit breaker， single－pole，actuation by thermal or electromagnetic | $y_{s}^{\star}$ | $Y_{7}^{0}$ | 1172 <br> BWP <br> Pressure switch，change－over contact，two－path | $\text { P- }-q^{\prime}$ | D-90 | $\begin{aligned} & 1180 \\ & \text { XU4S } \\ & \text { Plug, four-pole } \end{aligned}$ |  | $[\text { 「化-半-半-気 }]$ |
| $1165$ <br> G23 <br> Rectifier，three－phase bridge， two－pase，secondary， 3 connection points |  |  | 1173 <br> BWSW <br> Float switch，change－over contact，two－path | $o-f^{\prime}$ | $0-90$ | $1181$ <br> M＿STEPP＿1 <br> Stepping motor，general |  |  |
| $\begin{aligned} & 1166 \\ & \text { M3_1T } \end{aligned}$ <br> Three－phase asynchronous motor with thermal monitoring，one rotation |  |  | $\begin{aligned} & 1174 \\ & \text { BWD } \end{aligned}$ <br> Flow switch，general， change－over contact，two－path | $\square-4)^{\prime}$ | $\Delta-90$ | $1182$ <br> M＿STEPP＿2 <br> Stepping motor，general | $\begin{aligned} & H \\ & M \\ & \sim \end{aligned}$ |  |
| $\begin{aligned} & 1167 \\ & \text { M9SCHL_T } \end{aligned}$ <br> Three－phase asynchronous motor with thermal monitoring，two separate |  |  | 1175 <br> SWSV <br> Switch，change－over contact， <br> \％0－path，operated by key | $0 . y^{\prime}$ | go | 1183 <br> MSTELL＿2 <br> AC motor，with two directions of rotation（control valves） |  |  |
| $\begin{aligned} & 1168 \\ & \text { M6_1T } \end{aligned}$ <br> Three－phase asynchronous motor，with thermal monitoring，one winding， |  |  | $1176$ <br> BWK <br> Power－operated mechanism， general，change－over contact， two－path | $\square--)^{\prime}$ | $\square-90$ | $\begin{aligned} & 1185 \\ & \text { Y_2Y_1 } \end{aligned}$ <br> Solenoid valve，double－acting valve（Part 1） |  | $\frac{Q}{0}----\frac{7}{\square}$ |

## Symbol overview

| $\begin{aligned} & 1186 \\ & \text { Y_2Y_2 } \end{aligned}$ <br> Solenoid valve, double-acting valve (Part 2) | $------\sqrt{\frac{1}{1}} \quad------\frac{Q}{0}$ | $1197$ <br> QL4_1ML <br> Power circuit breaker / motor overload switch with switch mechanism and line |  | 1206 <br> SCHB6 <br> Protective circuiting of a coil through an avalanche diode | $\forall$ | 五 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1187 \\ & \text { Y_2Y_3 } \end{aligned}$ <br> Solenoid valve, double-acting valve (Part 3) | $\frac{9}{0}-\frac{7}{8}$ | $1199$ <br> M2AIRDC <br> DC motor, ventilator / fan | $\xrightarrow{M}$ | 1207 <br> SCHB7 <br> Protective circuiting of a coil through a diode | $\boxed{\square}$ | $\stackrel{\boxed{ }}{\boxed{ }}$ |
| $\begin{aligned} & 1188 \\ & \text { Y_2Y_4 } \end{aligned}$ <br> Solenoid valve, double-acting valve (Part 4) |  | $\begin{aligned} & 1200 \\ & \text { PE_M } \end{aligned}$ <br> PE connection for motor |  | 1208 <br> SCHB8 <br> Protective circuiting of a coil through a combination of diode, LED+R |  |  |
| $1189$ <br> OPV_1 <br> Operational amplifier | $\begin{array}{ll}-\begin{array}{l}D \\ - \\ +\end{array} & -$$\square$ <br> - <br> +\end{array} | $\begin{aligned} & 1201 \\ & \text { M2W_1 } \end{aligned}$ <br> AC motor, without PE, with straight connection point |  | $1211$ <br> SSSPEED <br> Switch, NO, reacts to speed, rotational motion | $-H^{\prime}$ | $y_{0}^{0}$ |
| $\begin{aligned} & 1190 \\ & \text { RE_1 } \end{aligned}$ <br> Heating element with PE | $\stackrel{\rightharpoonup}{\vdash}$ | $\begin{aligned} & 1202 \\ & \text { M2G_1 } \end{aligned}$ <br> DC motor, general, with straight connection point |  | $1212$ <br> SOSPEED <br> Switch, NC, reacts to speed, rotational motion | $-2-7$ | $5-9$ |
| 1191 <br> KFT1 <br> Electromechanical operating device of an overload (thermal relay) |  | $\begin{aligned} & 1203 \\ & \text { M2G_2 } \end{aligned}$ <br> DC motor, general, with straight connection point |  | $\begin{aligned} & 1213 \\ & \text { SSZ2 } \end{aligned}$ <br> Switch, NO contact, operated by pulling (pull switch, pull cord switch) | $=-1$ | $3$ |
| $\begin{aligned} & 1195 \\ & \text { FA4 } \end{aligned}$ <br> Circuit breaker, four-pole | $\left.\left.\left.5 y^{\prime} r\right)^{\prime} r\right)^{\prime} r\right)^{\prime} \quad\left(_{0}^{0}\left(\frac{0}{0} t_{0}^{0}-\left(\begin{array}{l}0 \\ 0\end{array}\right.\right.\right.$ | $\begin{aligned} & 1204 \\ & \text { M2AIR } \end{aligned}$ <br> $A C$ motor, ventilating fan |  | $\begin{aligned} & 1214 \\ & \text { SOZ2 } \end{aligned}$ <br> Switch, NC contact, operated by pulling (pull switch, pull cord switch) | $-1$ | H |
| 1196 <br> QL4_1OL <br> Power circuit breaker / motor overload switch with switch mechanism and without line | $\begin{gathered} 0-\left(\begin{array}{cc} 0 & 0 \\ -0 & 0 \\ 0 & 0 \\ 3 & 3 \\ 3 & \frac{1}{3} \end{array}\right) \end{gathered}$ | 1205 <br> SCHB5 <br> Protective circuiting of a coil through a suppressor diode |  | $\begin{aligned} & 1215 \\ & \text { SCORD } \end{aligned}$ <br> Switch, NC contact, emergency pull wire switch, pull cord switch | $O-1$ | $\mathrm{O}-\mathrm{p}$ |

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| 1216 <br> SREED <br> Switch, NO contact, actuated by proximity of magnet | $\mathbf{r}\rangle^{\prime}$ | i! | $\begin{aligned} & 1226 \\ & \text { SO4P } \end{aligned}$ <br> Switch, NC contact, operated by turning, 4 switching positions | $5 \cdot{ }^{2},-\frac{1}{-1}$ | $=9$ | $1303$ <br> SW2R_1 <br> Switch, change-over contact <br> (2-path), operated by turning | $5--\}^{\prime}$ | -90 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1217 <br> SSMNO <br> Switch, NO contact, mechanically operated | $\rangle^{\prime}$ | $\%$ | $\begin{aligned} & 1227 \\ & \text { SSXP } \\ & \begin{array}{l} \text { Switch, No contact (single } \\ \text { contact for an N-position } \end{array} \end{aligned}$ switch) | $--t^{\prime}$ | $--\left.\right\|_{0} ^{0}$ | 1304 <br> SW2RR_1 <br> Switch, change-over contact <br> (2-path), operated by turning | $5$ | $\begin{gathered} k_{x}-0^{0} \end{gathered}$ |
| 1218 <br> SSMNOB <br> Switch, NO contact, mechanically operated, actuated | 4 | $q$ | $\begin{aligned} & 1228 \\ & \text { SOXP } \end{aligned}$ <br> Switch, NC contact (single contact for an N -position switch) | $---4$ | $---\frac{q}{d}$ | 1305 <br> SW2D_1 <br> Switch, change-over contact <br> (2-path), operated by pressing | $E--)^{\prime}$ | e-90 |
| 1219 <br> SSEND <br> Limit switch, NO contact | $\oint^{\prime}$ | oo | 1231 <br> XTR_SCH <br> Isolating terminal - switching terminal terminal | $r \dagger^{\phi}$ | $\biguplus_{\phi}^{\phi}$ | $1306$ <br> SW2DR_1 <br> Switch, change-over contact <br> (2-path), operated by pressing | $E-4$ | $5 \times-90$ |
| $\begin{aligned} & 1220 \\ & \text { SOEND } \end{aligned}$ <br> Limit switch, NC contact | $\forall$ | $9$ | $1232$ <br> XTR1_1 <br> Isolating terminal, 2 targets, closed | $\dot{q}$ | $\oint$ | 1307 <br> SW2S_1 <br> Switch, change-over contact <br> (2-path), operated by key | $8-41$ | $890$ |
| $\begin{aligned} & 1223 \\ & \text { SS3P } \end{aligned}$ <br> Switch, NO contact, operated by turning, 3 switching positions | $F-W-)^{\prime}$ | $-\left.\underset{1}{-\quad}\right\|_{0} ^{0}$ | 1233 <br> XTR2_1 <br> Isolating terminal, 2 targets, opened | $q^{\prime}$ | ל | 1308 <br> SW2SR_1 <br> Switch, change-over contact <br> (2-path), operated by key | $8 \times-{ }^{\prime}$ | 8r-o |
| $\begin{aligned} & 1224 \\ & \text { SO3P } \end{aligned}$ <br> Switch, NC contact, operated by turning, 3 switching positions | $5 \cdot+k-7$ | $-9$ | $1301$ <br> SW2A_1 <br> Switch, change-over contact (2-path), operating element general | $+--4$ | r-90 | $1309$ <br> SW2ROL_1 <br> Switch, change-over contact <br> (2-path), roller operation | $0-41$ | $0-90$ |
| $\begin{aligned} & 1225 \\ & \text { SS4P } \end{aligned}$ <br> Switch, NO contact, operated by turning, 4 switching positions | $F-\sqrt{2} ;-1$ | $=\left.\right\|_{0} ^{0}$ | 1302 <br> SW2AR_1 <br> Switch, change-over contact (2-path), operating element general | $+v^{\prime}$ | $+90$ | $\begin{aligned} & 1310 \\ & \text { SW2N_1 } \\ & \begin{array}{l} \text { Switch, change-over contact } \\ \text { (2-path), cam-operated } \end{array} \end{aligned}$ | $6-4$ | c-90 |

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| $1311$ <br> SW2F_1 <br> Switch, change-over contact <br> (2-path), operated by pedal | $5-41$ | 4-90 | $1320$ <br> SW2BE_1 <br> Switch, change-over contact (2-path), touch-sensitive | $\cdots-4$ | $\Leftrightarrow-90$ | $\begin{aligned} & 1332 \\ & \text { QLS2_1 } \end{aligned}$ <br> Power circuit breaker, two-pole | $\lambda \vdash^{*} \lambda \dagger^{*}$ | $\forall_{0}^{0}-\left(\begin{array}{l} 0 \\ 0 \end{array}\right.$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1312 <br> SW2PI_1 <br> Switch, change-over contact (2-path), operated by mushroom head | $0-41$ | goo | $1321$ <br> SW2NE_1 <br> Proximity switch, change-over contact (2-path) | $\Delta-4$ | «-90 | $\begin{aligned} & 1333 \\ & \text { QLS3_1 } \end{aligned}$ <br> Power circuit breaker, three-pole |  | $\psi_{0}^{0}-\left(-O_{0}^{0}-\left(\begin{array}{l} 0 \\ 0 \end{array}\right.\right.$ |
| 1313 <br> SW2G_1 <br> Switch, change-over contact (2-path), cam- and roller-operated | $0_{0}--^{\prime}$ | Go-9o | 1322 <br> SW2NEM_1 <br> Proximity switch, change-over contact (2-path), actuated by proximity of magnet | $[\boxtimes--)^{\prime}$ | $[凶-90$ | $\begin{aligned} & 1334 \\ & \text { QLS4_1 } \end{aligned}$ <br> Power circuit breaker, four-pole | $\lambda \overbrace{}^{*}-\lambda \vdash^{*}-\lambda)^{*}$ | $\epsilon_{0}^{0}-\frac{0}{0} \epsilon_{0}^{0}-\left(\begin{array}{l} 0 \\ 0 \end{array}\right.$ |
| 1314 <br> SW2UHR_1 <br> Switch, change-over contact (2-path), operated by electric clock | $(0)-{ }^{\prime}$ | (1)-90 | 1323 <br> SW2NEFe_1 <br> Switch, change-over contact (2-path), operated by approach of iron | $\underset{\mathrm{Fe}}{\stackrel{\rightharpoonup}{4}-)^{\prime}}$ | $\begin{aligned} & \mathrm{ar}-\mathrm{go} \\ & \mathrm{Fe} \end{aligned}$ | $\begin{aligned} & 1335 \\ & \text { QLS2_2 } \end{aligned}$ <br> Power circuit breaker, two-pole ( $1 \mathrm{P}+\mathrm{N}$ ) | $-\stackrel{*}{-}-i^{*}$ | $4 \overbrace{0}^{0}-b^{0}$ |
| $\begin{aligned} & 1315 \\ & \text { SW2Z_1 } \end{aligned}$ <br> Switch, change-over contact (2-path), operated by pulling | $3--\ell^{\prime}$ | go | 1325 <br> SW2END_1 <br> Limit switch, change-over contact (2-path) | $\xi^{\prime}$ | go | $\begin{aligned} & 1336 \\ & \text { QLS4_2 } \end{aligned}$ <br> Power circuit breaker, four-pole ( $3 \mathrm{P}+\mathrm{N}$ ) |  | $t_{0}^{0}\left(\frac{0}{0}-\frac{0}{0}-\right)_{0}^{0}$ |
| 1316 <br> SW2SPEED_1 <br> Switch, change-over contact (2-path), reacts to speed, rotation (centrifugal switch) | $-8-4$ | $90$ | 1326 <br> W2_VES_1 <br> Change-over contact (2-path), closes leading against other contacts of the contact set | $-4$ | -90 | $\begin{aligned} & 1351 \\ & \text { X2_1 } \\ & \begin{array}{l} \text { Terminal with } 2 \text { connection } \\ \text { points ( } 2 \times \text { graphical line) } \end{array} \end{aligned}$ | \$ | ¢ |
| $\begin{aligned} & 1317 \\ & \text { SW2HB_1 } \end{aligned}$ <br> Switch, change-over contact (2-path), operated by lever | $5--4$ | -90 | 1327 <br> W2_NES_1 <br> Change-over contact (2-path), closes lagging against other contacts of the contact set | $--41$ | $\begin{array}{r} 90 \\ --0 \end{array}$ | 1352 <br> X2_2 <br> Terminal with 2 connection points (1 x graphical line) | ১ | $\bigcirc$ |
| $1319$ <br> SW2XP_1 <br> Switch, change-over contact (2-path), change-over contact with action line for extension | $--47^{1}$ | -90 | $\begin{aligned} & 1331 \\ & \text { QLS1_1 } \end{aligned}$ <br> Power circuit breaker, single-pole | $\lambda^{*}$ | $\Psi_{0}^{0}$ | $\begin{aligned} & 1353 \\ & \text { X3_1 } \\ & \text { Terminal with } 3 \text { connection } \\ & \text { points ( } 3 \times \text { graphical line) } \end{aligned}$ | - ${ }^{\text {d }}$ | -中 |

Replaced by

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| $\begin{aligned} & 1354 \\ & \text { X3_2 } \end{aligned}$ <br> Terminal with 3 connection points (1 x graphical line) | ¢ | ¢ | $\begin{aligned} & 1397 \\ & \text { M6_1STB } \end{aligned}$ <br> Three-phase asynchronous motor, with thermal monitoring, one winding, |  |  | 1462 <br> XU5_2 <br> Female receptacle, five-pole (CEE) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1355 \\ & \text { X4_1 } \end{aligned}$ <br> Terminal with 4 connection points (4 $x$ graphical line) | - + | - ${ }^{-}$ | $\begin{aligned} & 1398 \\ & \text { M9_1STB } \end{aligned}$ <br> Three-phase asynchronous motor with thermal monitoring, two separate |  |  | $\begin{aligned} & 1463 \\ & \text { YB3_2 } \end{aligned}$ <br> Solenoid brake, three-wire | $\square-\backsim \quad \begin{array}{\|cc} \frac{0}{6} & 0 \\ \hline \end{array}$ |
| $\begin{aligned} & 1356 \\ & \text { X4_2 } \end{aligned}$ <br> Terminal with 4 connection points ( $1 \times$ graphical line) | ¢ | ○ | 1450 <br> EHX1_2 <br> Enclosure light with female receptacle |  |  | $\begin{aligned} & 1501 \\ & \text { BET_01 } \end{aligned}$ <br> Switch - operating element, manually-operated, general | ト-- +-- |
| 1379 <br> XBKOAX_1 <br> Female pin of a coaxial plug connection connection with direct connection point | $\phi$ | $\phi$ | 1451 <br> SWLR_2 <br> Photoelectric switch, change-over contact |  |  | $\begin{aligned} & 1502 \\ & \text { BET_02 } \\ & \text { Switch - operating element, } \\ & \text { manually-operated, general } \\ & \text { (detent) } \end{aligned}$ | トv ${ }^{*}$ |
| $1380$ <br> XSKOAX_1 <br> Plug of a coaxial plug connection connection with direct connection point | $\dot{\phi}$ | $\hat{\phi}$ | 1452 <br> SWLRX_2 <br> Photoelectric switch, change-over contact, with plug-in connection |  |  | $\begin{aligned} & 1503 \\ & \text { BET_03 } \\ & \text { Switch - operating element, by } \\ & \text { rotation } \end{aligned}$ | F- L |
| $\begin{aligned} & 1393 \\ & \text { M2W_2T } \end{aligned}$ <br> Three-phase asynchronous motor with thermal monitoring, one rotation |  |  | 1455 <br> T3DRST_2 <br> Three-phase transformer, delta-star connection |  |  | $\begin{aligned} & 1504 \\ & \text { BET_04 } \end{aligned}$ <br> Switch - operating element, by rotation (detent) | Fv $t_{2}$ |
| $\begin{aligned} & 1394 \\ & \text { M2M_2STB } \end{aligned}$ <br> AC motor with thermal cut-out |  |  | $1456$ <br> BWP_2 <br> Pressure switch, change-over contact, two-path | $(P--)^{\prime}$ | D-90 | $\begin{aligned} & 1505 \\ & \text { BET_05 } \\ & \begin{array}{l} \text { Switch - operating element, by } \\ \text { pushing } \end{array} \end{aligned}$ | E-- E-- |
| $\begin{aligned} & 1396 \\ & \text { M3_1STB } \end{aligned}$ <br> Three-phase asynchronous motor with thermal cut-out, one rotation speed, one speed |  |  | $1461$ <br> SOLR_2 <br> Photoelectric switch, NC contact |  |  | $\begin{aligned} & 1506 \\ & \text { BET_06 } \end{aligned}$ <br> Switch - operating element, by pushing, (detent) | Er E* |

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| $\begin{aligned} & 1507 \\ & \text { BET_07 } \\ & \begin{array}{l} \text { Switch - operating element, by } \\ \text { pulling } \end{array} \end{aligned}$ | J- | J- | $\begin{aligned} & 1521 \\ & \text { Q3_1 } \end{aligned}$ <br> Switch, three-pole | $-t^{\prime}-t^{\prime}-t^{\prime}$ | $-t^{0}-t_{0}^{0}-t^{0}$ | $\begin{aligned} & 1529 \\ & \text { QL3_7ST } \end{aligned}$ <br> Power circuit breaker, three-pole (pluggable connection) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1508 \\ & \text { BET_08 } \\ & \begin{array}{l} \text { Switch - operating element, by } \\ \text { crank } \end{array} \end{aligned}$ | $5^{-}$ | $5^{-}$ | $\begin{aligned} & 1522 \\ & \text { Q4_1 } \end{aligned}$ <br> Switch four-pole | $-t^{\prime}-t^{\prime}-t^{\prime}-t^{\prime}$ | $-\frac{1}{6}-\frac{0}{t^{0}}-t_{0}^{0}-t^{0}$ | $\begin{aligned} & 1530 \\ & \text { QL4_7ST } \end{aligned}$ <br> Power circuit breaker, four-pole (pluggable connection) |  |  |
| $\begin{aligned} & 1509 \\ & \text { BET_09 } \end{aligned}$ <br> Switch - operating element, by detachable grip | $\diamond-$ | $\diamond-$ | $\begin{aligned} & 1523 \\ & \text { QL3_6 } \end{aligned}$ <br> Power circuit breaker, three-pole | $-t^{*}-t^{*}-i^{*}$ | $f_{0}^{0} f_{0}^{0}-l_{0}^{0}$ | $\begin{aligned} & 1535 \\ & \text { Q_1L } \end{aligned}$ <br> Power circuit breaker, single-pole (magnetic actuation) | $\underset{\substack{\text { 世- } \\ \square}}{\substack{\text { I> }}}$ | $-\left(\begin{array}{l} 0 \\ 0 \end{array}\right.$ |
| $\begin{aligned} & 1510 \\ & \text { BET_10 } \\ & \text { Switch - operating element, by } \\ & \text { electric motor } \end{aligned}$ | (1)- | (M)- | $\begin{aligned} & 1524 \\ & \text { QL4_6 } \end{aligned}$ <br> Power circuit breaker, four-pole | $-t^{*}-t^{*}-t^{*}-t^{*}$ | $\epsilon_{0}^{0} \epsilon_{0}^{0} \epsilon_{0}^{0}-t_{0}^{0}$ | $\begin{aligned} & 1536 \\ & \text { Q_1L_ST } \end{aligned}$ <br> Power circuit breaker, single-pole, pluggable connection (magnetic |  | $-\begin{aligned} & \hat{\hat{O}} \\ & 0 \\ & \underline{y} \end{aligned}$ |
| $\begin{aligned} & 1511 \\ & \text { BET_11 } \end{aligned}$ <br> Switch - operating element, by electrical clock | (1)- | (1). | $1525$ <br> QLTR3_2 <br> Switch disconnector, three-pole | $-t^{\frac{1}{2}}-t^{\frac{1}{d}}-t^{\frac{1}{2}}$ | $-t^{0}-t_{0}^{0}-t^{0}$ | $1537$ <br> Q_1LI <br> Power circuit breaker, single-pole (L-,I-characteristic) |  | $-\left(\begin{array}{l} 0 \\ \frac{0}{3} \\ \frac{1}{2} \end{array}\right.$ |
| $\begin{aligned} & 1512 \\ & \text { BET_12 } \\ & \text { Switch - operating element, by } \\ & \text { key } \end{aligned}$ | 8- | 8 | 1526 <br> QLTR4_2 <br> Switch disconnector, four-pole | $-t^{\frac{1}{t}}-t^{\frac{t}{2}}-t^{\frac{1}{2}}-t^{\frac{1}{2}}$ | $-t_{0}^{0}-t_{0}^{0}-t_{0}^{0}-t^{0}$ | 1538 <br> Q_1LI_ST <br> Power circuit breaker, single-pole, pluggable connection (L-,I-characteristic) |  |  |
| $\begin{aligned} & 1513 \\ & \text { BET_13 } \\ & \text { Switch operation, general (for } \\ & \text { NFPA) } \end{aligned}$ | +-- | ᄂ | 1527 <br> QLTR3_1 <br> Switch disconnector, <br> three-pole, with automatic <br> actuation by built-in measuring | $-\frac{1}{9}-\frac{t^{\frac{1}{9}}}{9}-i^{\frac{1}{b}}$ | $-\frac{1}{9}-\frac{i^{\frac{1}{9}}}{9}-9^{\frac{1}{b}}$ | $\begin{aligned} & 1539 \\ & \text { Q_2L } \end{aligned}$ <br> Power circuit breaker, two-pole (magnetic actuation) |  | $\begin{gathered} -\frac{0}{0}-\binom{0}{9} \end{gathered}$ |
| $\begin{aligned} & 1514 \\ & \text { BET_14 } \end{aligned}$ <br> Switch operation, tripping device | 中 | \# | $1528$ <br> QLTR4_1 <br> Switch disconnector, four-pole, with automatic actuation by built-in measuring relay | $-\frac{1}{1}-\frac{t^{\frac{1}{9}}}{1}-\frac{t^{\frac{1}{4}}}{4}-\frac{t^{\frac{1}{2}}}{}$ | $-\frac{1}{9}-\frac{t^{\frac{1}{9}}}{9}-\frac{t^{\frac{1}{9}}}{y^{\frac{1}{2}}}$ | $1540$ Q_2L_ST <br> Power circuit breaker, two-pole, pluggable connection (magnetic |  |  |

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| 1541 <br> Q_2LI <br> Power circuit breaker, two-pole (L-,I-characteristic) |  | $\begin{gathered} -\frac{0}{0}-\left(\begin{array}{l} 0 \\ 0 \\ k \\ k \end{array}\right. \end{gathered}$ | $\begin{aligned} & 1549 \\ & \text { Q_3LSI } \end{aligned}$ <br> Power circuit breaker, three-pole (L-,S-,I-characteristic) |  | $\begin{aligned} & 1557 \\ & \text { Q_4LSI } \end{aligned}$ <br> Power circuit breaker, four-pole (L-,S-,I-characteristic) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1542 \\ & \text { Q_2LI_ST } \end{aligned}$ <br> Power circuit breaker, two-pole, pluggable connection (L-,I-characteristic) |  |  | $\begin{aligned} & 1550 \\ & \text { Q_3LSI_ST } \end{aligned}$ <br> Power circuit breaker, three-pole, pluggable connection |  | $\begin{aligned} & 1558 \\ & \text { Q_4LSI_ST } \end{aligned}$ <br> Power circuit breaker, four-pole, pluggable connection |  |  |
| $\begin{aligned} & 1543 \\ & \text { Q_2LSIG } \end{aligned}$ <br> Power circuit breaker, two-pole (L-,S-,I-,G-characteristic) |  | $\begin{gathered} -\frac{0}{9}\left(\frac{0}{o}-\cdots-\cdots\right. \\ \sum_{0}^{2} \sum_{0}^{2} \end{gathered}$ | $\begin{aligned} & 1551 \\ & \text { Q_3LSIG } \\ & \text { Power circuit breaker, } \\ & \text { three-pole } \\ & \text { (L-,S-,I-,G-characteristic) } \end{aligned}$ |  | 1559 <br> Q_4LSIG <br> Power circuit breaker, four-pole <br> (L-,S-,I-,G-characteristic) |  |  |
| 1544 <br> Q_2LSIG_ST <br> Power circuit breaker, two-pole, pluggable connection |  |  | $1552$ <br> Q_3LSIG_ST <br> Power circuit breaker, three-pole, pluggable connection |  | 1560 <br> Q_4LSIG_ST <br> Power circuit breaker, four-pole, pluggable connection |  |  |
| $1545$ <br> Q_3L <br> Power circuit breaker, three-pole (magnetic actuation) |  | $\operatorname{ta}_{\frac{0}{9}}^{9}-\frac{0}{9}-\left(\begin{array}{l} 0 \\ 9 \end{array}\right.$ | $\begin{aligned} & 1553 \\ & \text { Q_4L } \\ & \begin{array}{l} \text { Power circuit breaker, } \\ \text { four-pole (L-characteristic) } \end{array} \end{aligned}$ | $\begin{aligned} & -\frac{0}{9} \in \frac{0}{9}\left(\frac{0}{9}-\frac{0}{9}-\cdots\right. \\ & \frac{9}{9} \end{aligned}$ | $\begin{aligned} & 1561 \\ & \text { QL3_4 } \end{aligned}$ <br> Power circuit breaker, three-pole, with switch mechanism |  | $t_{\frac{0}{0}}^{8}-\frac{0}{9}-\left(\begin{array}{l} 0 \\ 9 \end{array}\right.$ |
| $\begin{aligned} & 1546 \\ & \text { Q_3L_ST } \end{aligned}$ <br> Power circuit breaker, three-pole, pluggable connection (magnetic |  |  | $\begin{aligned} & 1554 \\ & \text { Q_4L_ST } \end{aligned}$ <br> Power circuit breaker, four-pole, pluggable connection (L-characteristic) |  | $\begin{aligned} & 1562 \\ & \text { QL4_4 } \end{aligned}$ <br> Power circuit breaker, four-pole, with switch mechanism |  | $\begin{gathered} \frac{0}{2}-f_{0}^{0}-\frac{0}{0}-\left(\begin{array}{l} 0 \\ 9 \\ 9 \end{array}\right. \end{gathered}$ |
| $\begin{aligned} & 1547 \\ & \text { Q_3LI } \end{aligned}$ <br> Power circuit breaker, three-pole (L-,I-characteristic) |  | $\begin{gathered} -\frac{0}{0}-\left(\frac{0}{0}-\left(\begin{array}{l} 0 \\ \text { दे } \\ \text { दे } \\ \text { k } \end{array}\right.\right. \end{gathered}$ | $\begin{aligned} & 1555 \\ & \text { Q_4LI } \end{aligned}$ <br> Power circuit breaker, four-pole (L-,I-characteristic) |  | $\begin{aligned} & 1563 \\ & \text { QL3_2 } \end{aligned}$ <br> Power circuit breaker, three-pole, with switch mechanism |  | $\begin{array}{cc} -\frac{0}{o}-\frac{0}{0}-\left(\begin{array}{l} 0 \\ 0 \\ \vdots \\ \vdots \\ \vdots \\ 0 \end{array}\right. \\ \vdots \end{array}$ |
| $\begin{aligned} & 1548 \\ & \text { Q_3LI_ST } \end{aligned}$ <br> Power circuit breaker, three-pole, pluggable connection (L-,I-characteristic) |  |  | 1556 <br> Q_4LI_ST <br> Power circuit breaker, four-pole, pluggable connection (L-,I-characteristic) |  | $\begin{aligned} & 1564 \\ & \text { QL3_3ST } \end{aligned}$ <br> Power circuit breaker, three-pole, with switch mechanism (pluggable |  |  |



