

OH\_95J\_12\_M5 3/16

TORX T20 2.2 Nm 20 lb.in

1,2 Nm 11 lb.in

A00016A

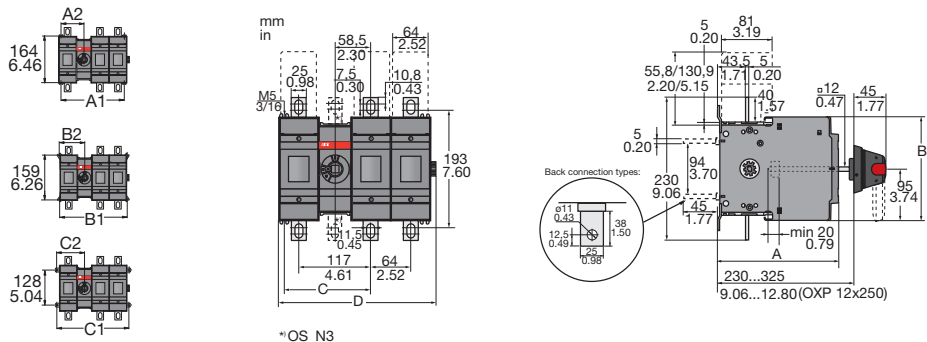
mm  
in

Technical drawings of OS315 and OS400 circuit breakers, showing dimensions in mm and inches.

Key dimensions and features:

- Width: A1, B1, C1
- Height: 193 mm
- Mounting hole spacing: 110 mm, 115 mm, 116 mm, 117 mm, 118 mm, 119 mm, 120 mm, 121 mm, 122 mm, 123 mm, 124 mm, 125 mm, 126 mm, 127 mm, 128 mm, 129 mm, 130 mm, 131 mm, 132 mm, 133 mm, 134 mm, 135 mm, 136 mm, 137 mm, 138 mm, 139 mm, 140 mm, 141 mm, 142 mm, 143 mm, 144 mm, 145 mm, 146 mm, 147 mm, 148 mm, 149 mm, 150 mm, 151 mm, 152 mm, 153 mm, 154 mm, 155 mm, 156 mm, 157 mm, 158 mm, 159 mm, 160 mm, 161 mm, 162 mm, 163 mm, 164 mm, 165 mm, 166 mm, 167 mm, 168 mm, 169 mm, 170 mm, 171 mm, 172 mm, 173 mm, 174 mm, 175 mm, 176 mm, 177 mm, 178 mm, 179 mm, 180 mm, 181 mm, 182 mm, 183 mm, 184 mm, 185 mm, 186 mm, 187 mm, 188 mm, 189 mm, 190 mm, 191 mm, 192 mm, 193 mm, 194 mm, 195 mm, 196 mm, 197 mm, 198 mm, 199 mm, 200 mm, 201 mm, 202 mm, 203 mm, 204 mm, 205 mm, 206 mm, 207 mm, 208 mm, 209 mm, 210 mm, 211 mm, 212 mm, 213 mm, 214 mm, 215 mm, 216 mm, 217 mm, 218 mm, 219 mm, 220 mm, 221 mm, 222 mm, 223 mm, 224 mm, 225 mm, 226 mm, 227 mm, 228 mm, 229 mm, 230 mm, 231 mm, 232 mm, 233 mm, 234 mm, 235 mm, 236 mm, 237 mm, 238 mm, 239 mm, 240 mm, 241 mm, 242 mm, 243 mm, 244 mm, 245 mm, 246 mm, 247 mm, 248 mm, 249 mm, 250 mm, 251 mm, 252 mm, 253 mm, 254 mm, 255 mm, 256 mm, 257 mm, 258 mm, 259 mm, 260 mm, 261 mm, 262 mm, 263 mm, 264 mm, 265 mm, 266 mm, 267 mm, 268 mm, 269 mm, 270 mm, 271 mm, 272 mm, 273 mm, 274 mm, 275 mm, 276 mm, 277 mm, 278 mm, 279 mm, 280 mm, 281 mm, 282 mm, 283 mm, 284 mm, 285 mm, 286 mm, 287 mm, 288 mm, 289 mm, 290 mm, 291 mm, 292 mm, 293 mm, 294 mm, 295 mm, 296 mm, 297 mm, 298 mm, 299 mm, 300 mm, 301 mm, 302 mm, 303 mm, 304 mm, 305 mm, 306 mm, 307 mm, 308 mm, 309 mm, 310 mm, 311 mm, 312 mm, 313 mm, 314 mm, 315 mm, 316 mm, 317 mm, 318 mm, 319 mm, 320 mm, 321 mm, 322 mm, 323 mm, 324 mm, 325 mm, 326 mm, 327 mm, 328 mm, 329 mm, 330 mm, 331 mm, 332 mm, 333 mm, 334 mm, 335 mm, 336 mm, 337 mm, 338 mm, 339 mm, 340 mm, 341 mm, 342 mm, 343 mm, 344 mm, 345 mm, 346 mm, 347 mm, 348 mm, 349 mm, 350 mm, 351 mm, 352 mm, 353 mm, 354 mm, 355 mm, 356 mm, 357 mm, 358 mm, 359 mm, 360 mm, 361 mm, 362 mm, 363 mm, 364 mm, 365 mm, 366 mm, 367 mm, 368 mm, 369 mm, 370 mm, 371 mm, 372 mm, 373 mm, 374 mm, 375 mm, 376 mm, 377 mm, 378 mm, 379 mm, 380 mm, 381 mm, 382 mm, 383 mm, 384 mm, 385 mm, 386 mm, 387 mm, 388 mm, 389 mm, 390 mm, 391 mm, 392 mm, 393 mm, 394 mm, 395 mm, 396 mm, 397 mm, 398 mm, 399 mm, 400 mm, 401 mm, 402 mm, 403 mm, 404 mm, 405 mm, 406 mm, 407 mm, 408 mm, 409 mm, 410 mm, 411 mm, 412 mm, 413 mm, 414 mm, 415 mm, 416 mm, 417 mm, 418 mm, 419 mm, 420 mm, 421 mm, 422 mm, 423 mm, 424 mm, 425 mm, 426 mm, 427 mm, 428 mm, 429 mm, 430 mm, 431 mm, 432 mm, 433 mm, 434 mm, 435 mm, 436 mm, 437 mm, 438 mm, 439 mm, 440 mm, 441 mm, 442 mm, 443 mm, 444 mm, 445 mm, 446 mm, 447 mm, 448 mm, 449 mm, 450 mm, 451 mm, 452 mm, 453 mm, 454 mm, 455 mm, 456 mm, 457 mm, 458 mm, 459 mm, 460 mm, 461 mm, 462 mm, 463 mm, 464 mm, 465 mm, 466 mm, 467 mm, 468 mm, 469 mm, 470 mm, 471 mm, 472 mm, 473 mm, 474 mm, 475 mm, 476 mm, 477 mm, 478 mm, 479 mm, 480 mm, 481 mm, 482 mm, 483 mm, 484 mm, 485 mm, 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611 mm, 612 mm, 613 mm, 614 mm, 615 mm, 616 mm, 617 mm, 618 mm, 619 mm, 620 mm, 621 mm, 622 mm, 623 mm, 624 mm, 625 mm, 626 mm, 627 mm, 628 mm, 629 mm, 630 mm, 631 mm, 632 mm, 633 mm, 634 mm, 635 mm, 636 mm, 637 mm, 638 mm, 639 mm, 640 mm, 641 mm, 642 mm, 643 mm, 644 mm, 645 mm, 646 mm, 647 mm, 648 mm, 649 mm, 650 mm, 651 mm, 652 mm, 653 mm, 654 mm, 655 mm, 656 mm, 657 mm, 658 mm, 659 mm, 660 mm, 661 mm, 662 mm, 663 mm, 664 mm, 665 mm, 666 mm, 667 mm, 668 mm, 669 mm, 670 mm, 671 mm, 672 mm, 673 mm, 674 mm, 675 mm, 676 mm, 677 mm, 678 mm, 679 mm, 680 mm, 681 mm, 682 mm, 683 mm, 684 mm, 685 mm, 686 mm, 687 mm, 688 mm, 689 mm, 690 mm, 691 mm, 692 mm, 693 mm, 694 mm, 695 mm, 696 mm, 697 mm, 698 mm, 699 mm, 700 mm, 701 mm, 702 mm, 703 mm, 704 mm, 705 mm, 706 mm, 707 mm, 708 mm, 709 mm, 710 mm, 711 mm, 712 mm, 713 mm, 714 mm, 715 mm, 716 mm, 717 mm, 718 mm, 719 mm, 720 mm, 721 mm, 722 mm, 723 mm, 724 mm, 725 mm, 726 mm, 727 mm, 728 mm, 729 mm, 730 mm, 731 mm, 732 mm, 733 mm, 734 mm, 735 mm, 736 mm, 737 mm, 738 mm, 739 mm, 740 mm, 741 mm, 742 mm, 743 mm, 744 mm, 745 mm, 746 mm, 747 mm, 748 mm, 749 mm, 750 mm, 751 mm, 752 mm, 753 mm, 754 mm, 755 mm, 756 mm, 757 mm, 758 mm, 759 mm, 760 mm, 761 mm, 762 mm, 763 mm, 76

### 3 OS315-400\_11-22



\*OS\_N3

|   | OS315-400 |     |     |     |     | OS400 |     |     |     |     |            |             |             |             |             |  |  |
|---|-----------|-----|-----|-----|-----|-------|-----|-----|-----|-----|------------|-------------|-------------|-------------|-------------|--|--|
|   | B11       | B12 | B13 | B21 | B22 | D11   | D12 | D13 | D21 | D22 | J11        | J12         | J13         | J21         | J22         |  |  |
|   | mm        | mm  | mm  | mm  | mm  | mm    | mm  | mm  | mm  | mm  | mm/in      | mm/in       | mm/in       | mm/in       | mm/in       |  |  |
| A | 176       | 176 | 176 | 176 | 176 | 193   | 193 | 193 | 193 | 193 | 176 / 6.93 | 176 / 6.93  | 176 / 6.93  | 176 / 6.93  | 176 / 6.93  |  |  |
| B | 194       | 194 | 194 | 194 | 194 | 166   | 166 | 166 | 166 | 166 | 194 / 7.64 | 194 / 7.64  | 194 / 7.64  | 194 / 7.64  | 194 / 7.64  |  |  |
| C | 140       | 140 | 140 | 204 | 204 | 140   | 140 | 140 | 204 | 204 | 140 / 5.51 | 140 / 5.51  | 140 / 5.51  | 204 / 8.03  | 204 / 8.03  |  |  |
| D | 190       | 254 | 318 | 254 | 318 | 190   | 254 | 318 | 254 | 318 | 190 / 7.48 | 254 / 10.00 | 318 / 12.52 | 254 / 10.00 | 318 / 12.52 |  |  |

|    | OS315 |      |       |       |      | OS400       |             |             |             |             |
|----|-------|------|-------|-------|------|-------------|-------------|-------------|-------------|-------------|
|    | B11   | B12  | B21   | B22   | B13  | B11/D11/J11 | B12/D12/J12 | B21/D21/J21 | B22/D22/J22 | B13/D13/J13 |
|    | mm    | mm   | mm    | mm    | mm   | mm/in       | mm/in       | mm/in       | mm/in       | mm/in       |
| A1 | 163   | 227  | 227   | 291   | 291  | 163/6.42    | 227/8.94    | 227/8.94    | 291/11.46   | 291/11.46   |
| A2 | 81.5  | 81.5 | 145.5 | 145.5 | 81.5 | 81.5/3.21   | 81.5/3.21   | 145.5/5.73  | 145.5/5.73  | 81.5/3.21   |
| B1 | 181   | 245  | 245   | 309   | 309  | 181/7.13    | 245/9.65    | 245/9.65    | 309/12.17   | 309/12.17   |
| B2 | 90.5  | 90.5 | 154.5 | 154.5 | 90.5 | 90.5/3.56   | 90.5/3.56   | 154.5/6.08  | 154.5/6.08  | 90.5/3.56   |
| C1 | 199   | 263  | 263   | 327   | 327  | 199/7.83    | 263/10.35   | 263/10.35   | 327/12.87   | 327/12.87   |
| C2 | 99.5  | 99.5 | 163.5 | 163.5 | 99.5 | 99.5/3.92   | 99.5/3.92   | 163.5/6.44  | 163.5/6.44  | 99.5/3.92   |

C000011 OS315-400\_11\_22 C

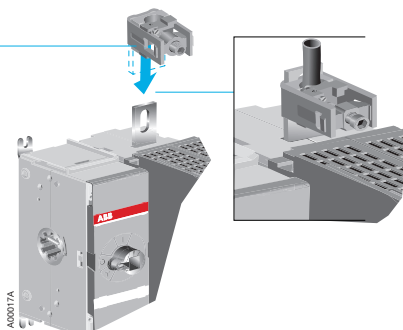
### 4 OZX\_

OS315, OS400

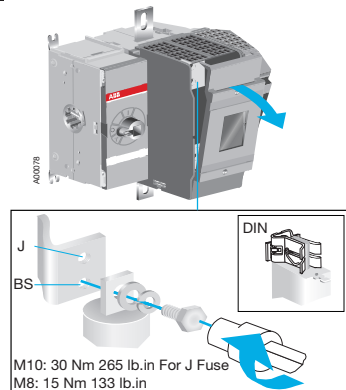
OZXB2L  
OZXB3  
OZXB4  
OZXB7  
OZXB7L  
OZXB8  
OZXB9

OS400J

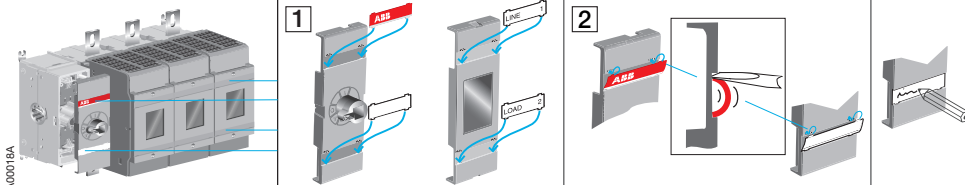
OZXA-400  
OZXA-406



### 5 Fuse links

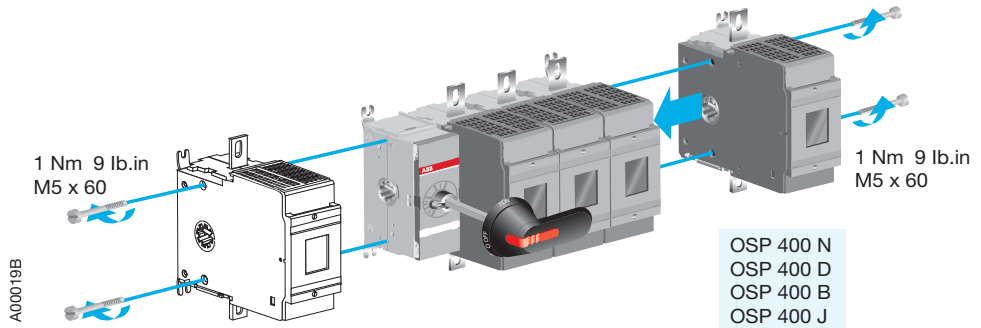


### 6 Label



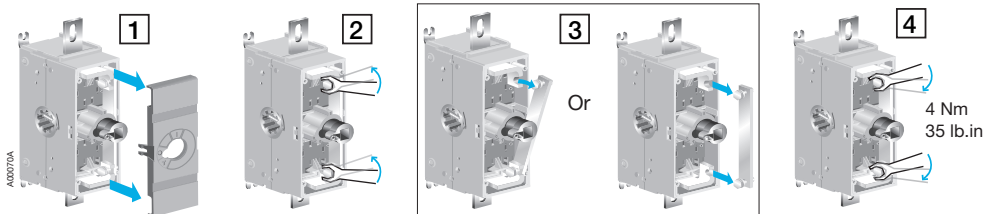
7

OSP\_



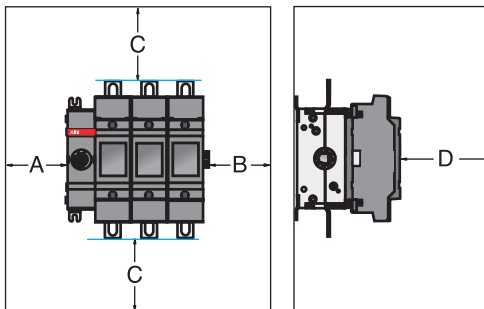
8

OS\_N3, OXN400



9

Clearances per UL98



Minimum enclosure size or equivalent volume

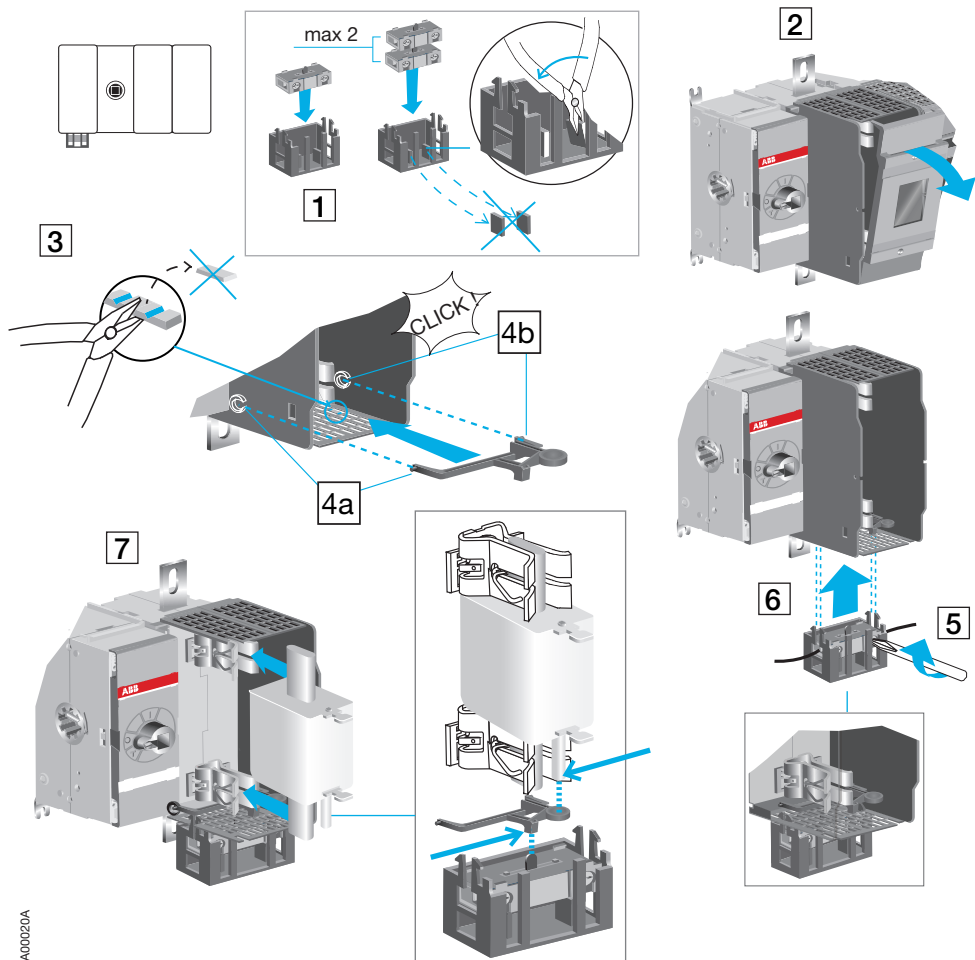
| Switch | Height | Width | Depth |
|--------|--------|-------|-------|
| 3-pole | 610    | 356   | 254   |
| 4-pole | 610    | 508   | 254   |

| A | B            | D            |
|---|--------------|--------------|
| 0 | 13 mm 0.5 in | 13 mm 0.5 in |

| C<br>Cable size AWG/MCM |              |
|-------------------------|--------------|
| 4-3                     | 250          |
| 100 mm 4 in             | 200 mm 8 in  |
| 2                       | 300          |
| 100 mm 4 in             | 250 mm 10 in |
| 1                       | 400          |
| 100 mm 4 in             | 330 mm 13 in |
| 1/0                     | 500          |
| 125 mm 5 in             | 356 mm 14 in |
| 2/0                     | 600          |
| 150 mm 6 in             | 381 mm 15 in |
| 3/0 - 4/0               |              |
| 175 mm 7 in             |              |

A00104A

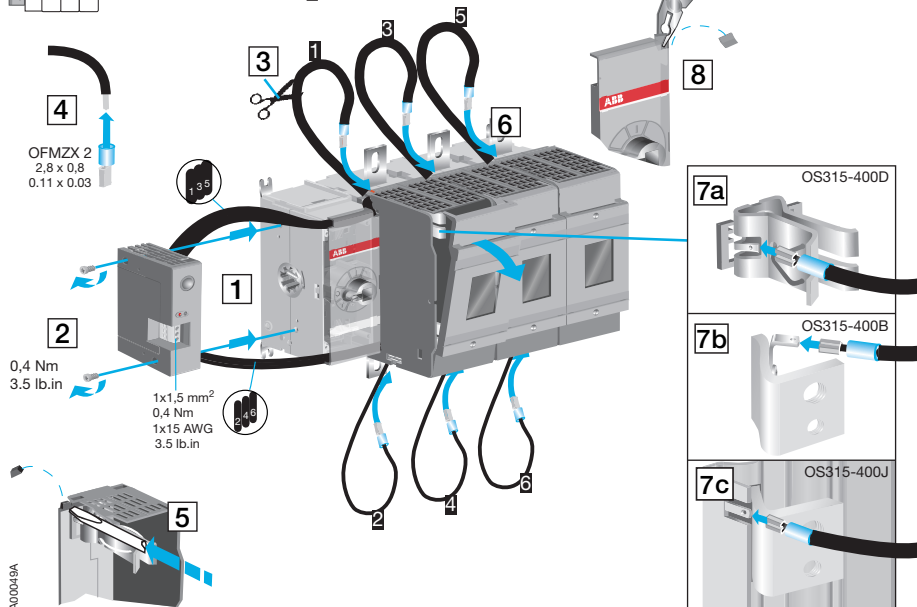
# 10 DPMM\_



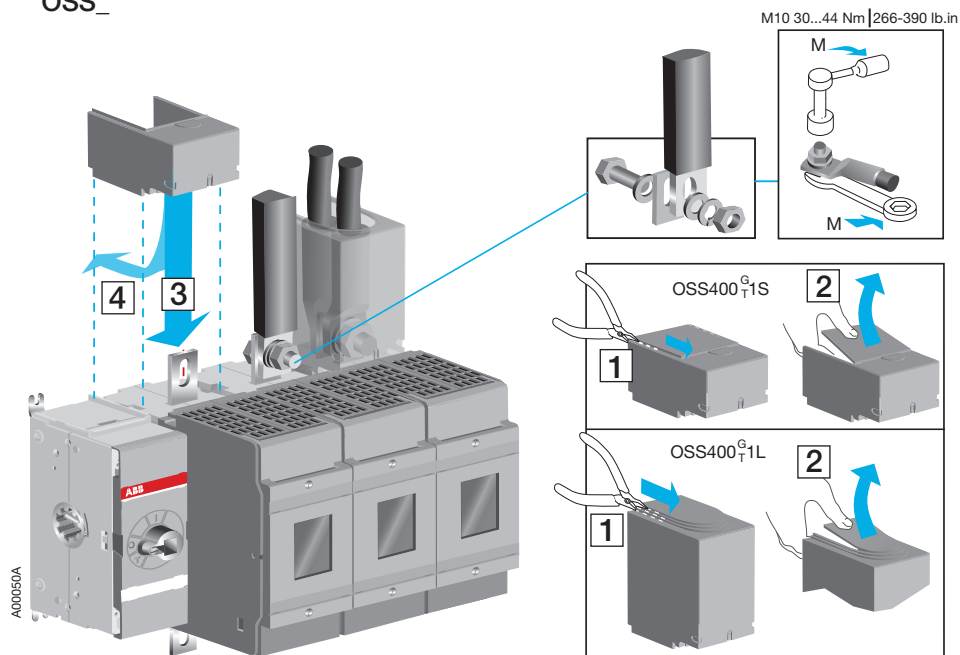
# 11 OFS\_



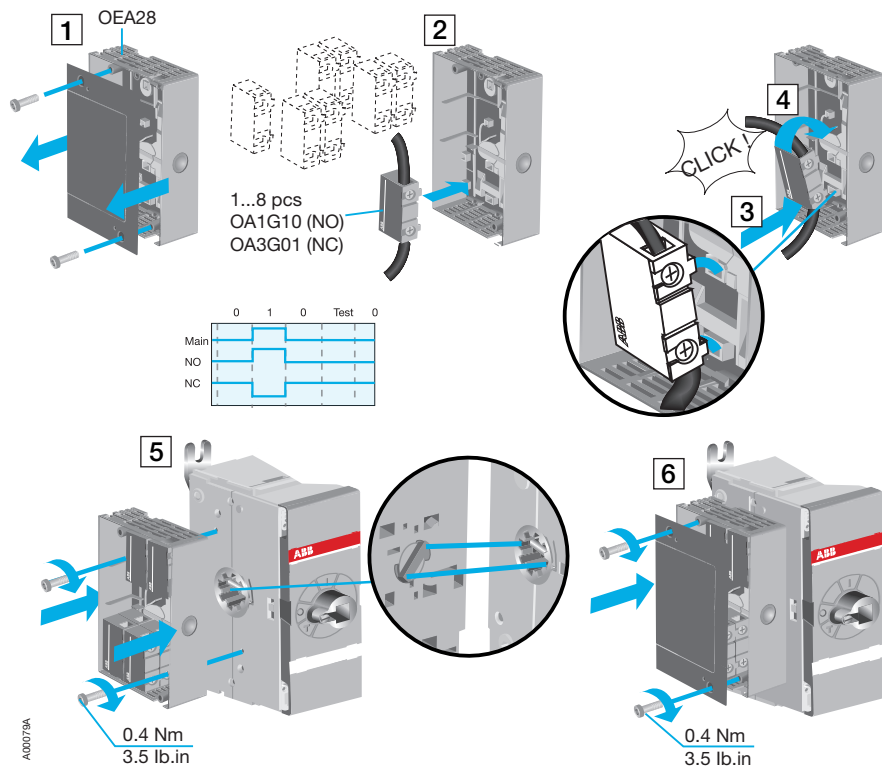
OS315-400...+OFS\_



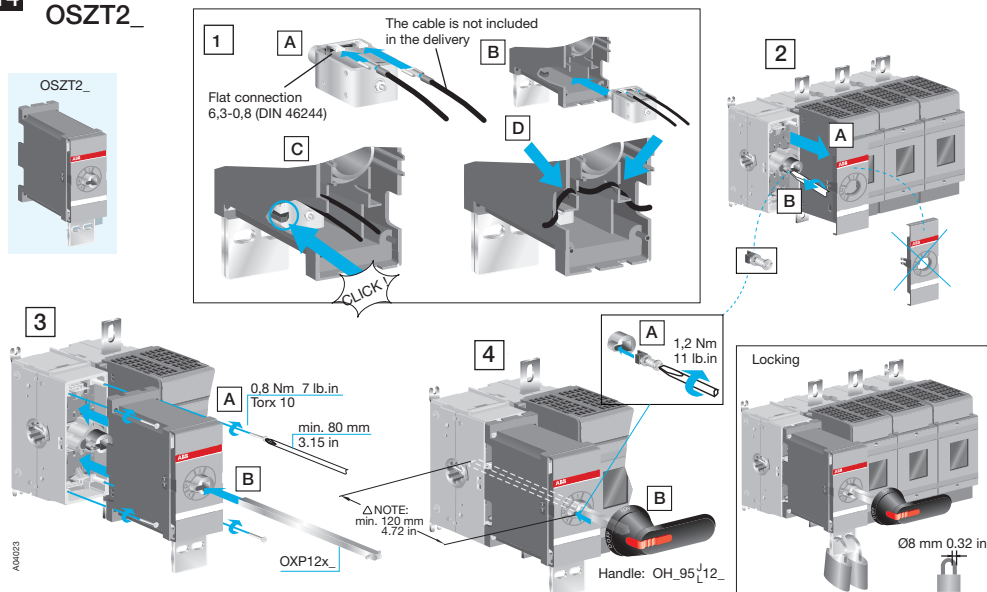
# 12 OSS\_



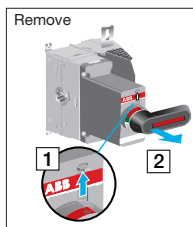
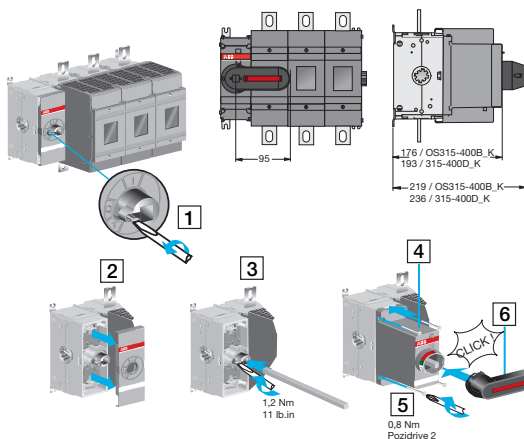
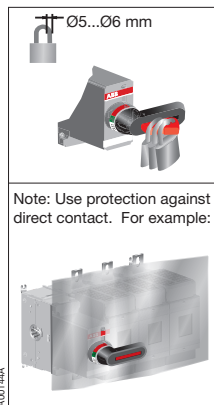
# 13 OEA28



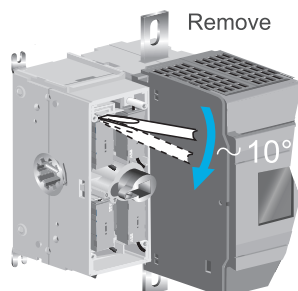
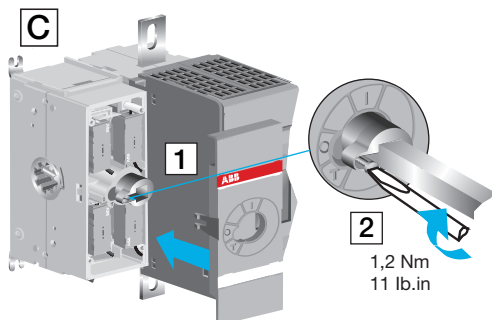
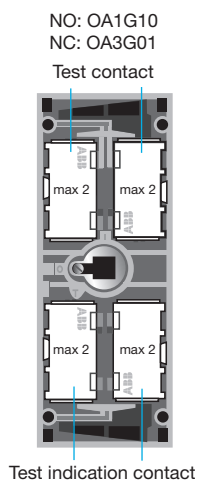
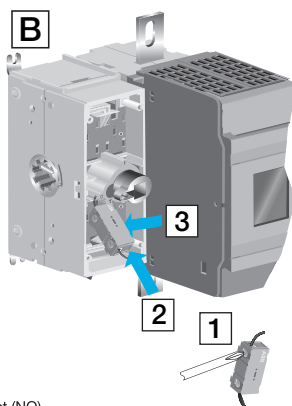
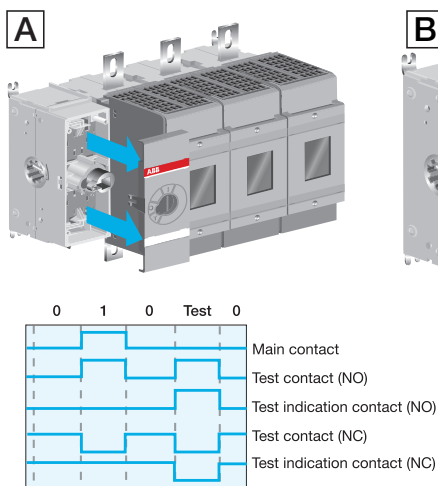
# 14 OSZT2\_



## 15 OSV\_



## 16 OA\_



A00080A



|           |                                                                                                                               |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>BG</b> | Внимание! Опасно напряжение! Да се монтира само от лице с електротехническа квалификация.                                     |
| <b>FR</b> | Avertissement! Tension électrique dangereuse! Installation uniquement par des personnes qualifiées en électrotechnique.       |
| <b>MT</b> | Twissija! Vultaġġ perikoluż! Għandu jiġi installat biss minn persuna b'kompetenza elettroteknika.                             |
| <b>HR</b> | Upozorenje! Opasan napon! Postavljati smije samo elektrotehnički stručnjak.                                                   |
| <b>DE</b> | Warnung! Gefährliche Spannung! Installation nur durch elektrotechnische Fachkraft.                                            |
| <b>PL</b> | Ostrzeżenie! Niebezpieczne napięcie! Instalacji może dokonać wyłącznie osoba z fachową wiedzą w dziedzinie elektrotechniki.   |
| <b>CZ</b> | Varování! Nebezpečné napětí! Montáž smí provádět výhradně elektrotechnik!                                                     |
| <b>EL</b> | Προειδοποίηση! Υψηλή τάση! Η εγκατάσταση πρέπει να γίνεται μόνο από εξειδικευμένους ηλεκτροτεχνικούς.                         |
| <b>PT</b> | Aviso! Tensão perigosa! A instalação só deve ser realizada por um electricista especializado.                                 |
| <b>DA</b> | Advarsel! Farlig elektrisk spænding! Installation må kun foretages af personer med elektroteknisk ekspertise.                 |
| <b>HU</b> | Figyelmeztetés! Veszélyes feszültség! Csak elektrotechnikai tapasztalattal rendelkező szakember helyezheti üzembe.            |
| <b>RO</b> | Avertizare! Tensiune periculoasă! Instalarea trebuie efectuată numai de către o persoană cu experiență în electrotehnică.     |
| <b>NL</b> | Waarschuwing! Gevaarlijke spanning! Mag alleen geïnstalleerd worden door een deskundige elektrotechnicus.                     |
| <b>IE</b> | Rabhadh! Voltas guaiseach! Ba chóir do dhuine ag a bhfuil saineolas leictreicniúil, agus an té sin amháin, é seo a shuiteáil. |
| <b>SK</b> | Varovanie! Nebezpečné napätie! Montáž môže vykonávať iba skúsený elektrotechnik.                                              |
| <b>EN</b> | Warning! Hazardous voltage! Installation by person with electrotechnical expertise only.                                      |
| <b>IT</b> | Avvertenza! Tensione pericolosa! Fare installare solo da un elettricista qualificato.                                         |
| <b>SL</b> | Opozorilo! Nevarna napetost! Vgradnjo lahko opravi le oseba z elektrotehničnim strokovnim znanjem.                            |
| <b>ET</b> | Hoiatus! Ohtlik pinge. Paigaldada võib ainult elektrotehnika-alane ekspert.                                                   |
| <b>LV</b> | Uzmanību! Bīstami - elektrība! Montāžas darbus drīkst veikt tikai personas, kurām ir atbilstošas elektrotehniskās zināšanas.  |
| <b>ES</b> | ¡Advertencia! ¡Tensión peligrosa! La instalación deberá ser realizada únicamente por electricistas especializados.            |
| <b>FI</b> | Varoitus! Vaarallinen jännite! Asennuksen voi tehdä vain sähköalan ammattihenkilö.                                            |
| <b>LT</b> | Dėmesio! Pavojinga įtampa! Dirbti leidžiama tik elektrotechniko patirties turintiems asmenims.                                |
| <b>SE</b> | Varning! Farlig spänning! Installation får endast utföras av en elektriker.                                                   |
| <b>CN</b> | 警告！电压危险！只能由专业电工进行安装。                                                                                                          |
| <b>RU</b> | Осторожно! Опасное напряжение! Монтаж должен выполняться только специалистом-электриком.                                      |

For more information please contact:

**ABB Oy, Protection and Connection**  
P.O. Box 622, FI-65101 Vaasa, Finland  
[new.abb.com/low-voltage](http://new.abb.com/low-voltage)

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