

SX7 SERIES JUNCTION BOXES

INDUSTRY STANDARDS

UL1203
 NEC 500 – 503
 UL 886
 NEMA 7, 9, 4X, 3

Certifications

Class I, Division 1 Group C, D
 Class II Group E, F, G
 Class III
 Type 7, 9, 4X, 3

APPLICATION

SX7 series junction boxes are enclosures applicable for hazardous locations. They can be used as junction, pull and splice boxes as well as to enclosure electrical devices and instruments. Applications can include components such as motor starters, circuit breakers, control stations, terminal blocks, pilot lights, switch racks and panelboards.

FEATURES

- Low copper aluminum alloy enclosure with stainless steel bolts and screws for corrosion resistance
- Gasket o-ring provides Type 4X rating
- Internal mounting panel
- Grey electrostatic polyester paint
- External earth screw
- NPT threads for rigid conduit (optional/custom)
- Body and cover can be drilled and threaded according to customers' specification

ACCESSORIES

Glass windows of different diameters
 Breather drain
 Epoxy paint

MODIFICATION AND CUSTOMIZATION

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

BULLETIN: HL5U
Standard Product

| Catalog Number | AxBxC in. | AxBxC mm | M (in.) | M (mm) | N (in.) | N (mm) | X (in.) | X (mm) | Y (in.) | Y (mm) | Z (in.) | Z (mm) | Cover Style | Weight (lb.) | Weight (kg) |
|----------------|-----------------------|-----------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|-------------|--------------|-------------|
| SX7E644 | 9.57 x 7.60 x 6.65 | 243 x 193 x 169 | 6.00 | 152 | 4.00 | 102 | 5.04 | 128 | 3.03 | 77 | 5.16 | 131 | Screw | 16.09 | 7.30 |
| SX7E664 | 9.57 x 9.57 x 6.97 | 243 x 243 x 177 | 6.00 | 152 | 6.00 | 152 | 5.04 | 128 | 5.04 | 128 | 5.16 | 131 | Screw | 21.60 | 9.80 |
| SX7E666 | 10.51 x 10.51 x 9.10 | 267 x 267 x 231 | 6.00 | 152 | 6.00 | 152 | 5.51 | 140 | 5.51 | 140 | 7.45 | 489 | Screw | 22.48 | 10.20 |
| SX7E864 | 11.89 x 9.76 x 6.17 | 302 x 248 x 157 | 8.00 | 203 | 6.00 | 152 | 6.77 | 172 | 4.80 | 122 | 4.87 | 124 | Screw | 26.89 | 12.20 |
| SX7E866 | 11.42 x 9.37 x 8.53 | 290 x 238 x 217 | 8.00 | 203 | 6.00 | 152 | 7.00 | 178 | 4.96 | 126 | 6.75 | 171 | Screw | 27.55 | 12.50 |
| SX7E883 | 12.09 x 12.09 x 6.18 | 307 x 307 x 157 | 8.00 | 203 | 8.00 | 203 | 7.48 | 190 | 7.48 | 190 | 4.49 | 114 | Screw | 23.36 | 10.60 |
| SX7E884 | 11.50 x 11.50 x 6.50 | 292 x 292 x 165 | 8.00 | 203 | 8.00 | 203 | 6.65 | 169 | 6.65 | 169 | 5.00 | 127 | Screw | 26.89 | 12.20 |
| SX7EA66 | 14.02 x 10.04 x 8.72 | 356 x 255 x 221 | 11.00 | 284 | 7.25 | 183 | 8.74 | 222 | 4.76 | 121 | 7.22 | 183 | Hinge | 32.40 | 14.70 |
| SX7EAA6 | 14.06 x 13.98 x 9.09 | 357 x 355 x 231 | 10.50 | 267 | 10.25 | 262 | 9.37 | 238 | 9.37 | 238 | 6.69 | 170 | Hinge | 47.83 | 21.70 |
| SX7EC56 | 14.02 x 10.04 x 9.49 | 356 x 255 x 241 | 11.00 | 284 | 7.00 | 183 | 10.83 | 275 | 4.33 | 110 | 7.52 | 191 | Hinge | 40.11 | 18.20 |
| SX7EFC6 | 18.67 x 15.87 x 9.49 | 474 x 403 x 241 | 15.00 | 381 | 12.00 | 305 | 13.15 | 334 | 10.32 | 262 | 7.80 | 198 | Hinge | 99.62 | 45.20 |
| SX7EGC6 | 19.80 x 15.75 x 9.37 | 503 x 400 x 238 | 16.00 | 406 | 12.00 | 305 | 14.33 | 364 | 10.32 | 262 | 7.56 | 192 | Hinge | 99.18 | 45.00 |
| SX7EGC8 | 19.88 x 15.83 x 10.35 | 505 x 402 x 263 | 16.00 | 406 | 12.00 | 305 | 14.33 | 359 | 10.08 | 256 | 8.54 | 217 | Hinge | 101.82 | 46.20 |
| SX7EGE9 | 19.84 x 18.34 x 12.13 | 504 x 466 x 308 | 16.00 | 406 | 14.00 | 356 | 13.78 | 350 | 12.28 | 312 | 10.08 | 256 | Hinge | 131.80 | 59.80 |
| SX7EGF6 | 19.80 x 18.70 x 9.06 | 503 x 475 x 230 | 16.00 | 406 | 15.00 | 381 | 14.41 | 366 | 13.31 | 338 | 7.24 | 184 | Hinge | 101.38 | 46.00 |
| SX7EGG6 | 19.68 x 19.68 x 8.60 | 500 x 500 x 219 | 16.00 | 406 | 16.00 | 406 | 14.25 | 362 | 14.25 | 362 | 6.79 | 173 | Hinge | 105.79 | 48.00 |
| SX7EIC8 | 22.44 x 16.50 x 10.98 | 570 x 419 x 279 | 18.00 | 457 | 12.00 | 305 | 16.46 | 418 | 8.98 | 228 | 8.29 | 211 | Hinge | 124.31 | 56.40 |
| SX7EIC | 22.44 x 22.28 x 15.35 | 570 x 566 x 390 | 18.00 | 457 | 18.00 | 457 | 15.63 | 397 | 13.66 | 347 | 12.35 | 314 | Hinge | 207.40 | 94.10 |
| SX7EKK8 | 24.09 x 24.09 x 11.14 | 612 x 612 x 283 | 20.00 | 508 | 20.00 | 508 | 18.11 | 460 | 16.14 | 410 | 8.13 | 207 | Hinge | 208.06 | 94.40 |
| SX7EOCC | 27.80 x 15.98 x 15.83 | 706 x 406 x 402 | 24.00 | 610 | 12.00 | 305 | 21.10 | 536 | 7.40 | 188 | 12.43 | 316 | Hinge | 192.63 | 87.40 |
| SX7E0F6 | 28.03 x 19.21 x 9.53 | 712 x 488 x 242 | 24.00 | 610 | 15.00 | 381 | 22.36 | 568 | 11.65 | 296 | 6.17 | 157 | Hinge | 175.44 | 79.60 |
| SX7ESG8 | 32.13 x 20.08 x 11.54 | 816 x 510 x 293 | 28.00 | 711 | 16.00 | 406 | 26.06 | 662 | 12.52 | 318 | 8.53 | 217 | Hinge | 217.53 | 98.70 |
| SX7ESGD | 32.44 x 20.39 x 17.64 | 824 x 518 x 448 | 28.00 | 711 | 16.00 | 406 | 25.00 | 635 | 11.50 | 292 | 15.02 | 382 | Hinge | 279.91 | 127.00 |
| SX7EXCD | 38.70 x 18.62 x 18.66 | 983 x 473 x 474 | 33.00 | 838 | 12.00 | 305 | 31.50 | 800 | 8.66 | 220 | 14.87 | 378 | Hinge | 335.45 | 152.20 |

