

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 for installation of 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

IR Windows
 Hazardous Location Breather Drains
 Epoxy Patch Kit

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
SX7EIIIC	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
SX7EOF6	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

