

**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 and 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
- Body and cover can be drilled and threaded according to customers' specification

**ACCESSORIES**

- Glass windows of different diameters
- Breather drain
- Epoxy paint

**BULLETIN: HL5U**

**Standard Product**

Catalog Number	AxBxC in.	AxBxC mm	X (in.)	X (mm)	Y (in.)	Y (mm)	Z (in.)	Z (mm)	Weight (lbs.)	Weight (kgs)
SX7E644	6.00 x 4.00 x 4.00	152 x 102 x 102	5.04	128	3.03	77	5.16	131	16.09	7.30
SX7E664	6.00 x 6.00 x 4.00	152 x 152 x 102	5.04	128	5.04	128	5.16	131	21.60	9.80
SX7E666	6.00 x 6.00 x 6.00	152 x 152 x 152	5.51	140	5.51	140	7.45	189	22.48	10.20
SX7E864	8.00 x 6.00 x 4.00	203 x 152 x 102	6.77	172	4.80	122	4.87	124	26.89	12.20
SX7E866	8.00 x 6.00 x 6.00	203 x 152 x 152	7.00	178	4.96	126	6.75	171	27.55	12.50
SX7E883	8.00 x 8.00 x 3.00	203 x 203 x 76	7.48	190	7.48	190	4.49	114	23.36	10.60
SX7E884	8.00 x 8.00 x 4.00	203 x 203 x 102	6.65	169	6.65	169	5.00	127	26.89	12.20
SX7EAA6	10.00 x 10.00 x 6.00	254 x 254 x 152	9.37	238	9.37	238	6.69	170	47.83	21.70
SX7EC56	12.00 x 5.00 x 6.00	305 x 127 x 152	10.80	274	4.33	110	7.52	191	40.11	18.20
SX7EFC6	15.00 x 12.00 x 6.00	381 x 305 x 152	13.15	334	10.32	262	7.80	198	99.62	45.20
SX7EGC6	16.00 x 12.00 x 6.00	406 x 305 x 152	14.33	364	10.32	192	7.56	192	99.18	45.00
SX7EGC8	16.00 x 12.00 x 8.00	406 x 305 x 203	14.13	359	10.08	256	7.64	194	101.82	46.20
SX7EGE9	16.00 x 14.00 x 9.00	406 x 356 x 229	13.78	350	12.28	312	10.08	256	131.80	59.80
SX7EGF6	16.00 x 15.00 x 6.00	406 x 381 x 152	14.41	366	13.31	338	7.24	184	101.38	46.00
SX7EIC8	18.00 x 12.00 x 8.00	457 x 305 x 203	16.46	418	8.98	228	7.29	185	124.31	56.40
SX7EIC	18.00 x 18.00 x 12.00	457 x 457 x 305	15.63	397	13.66	347	11.35	288	207.40	94.10
SX7EKK8	20.00 x 20.00 x 8.00	508 x 508 x 203	18.11	460	16.14	410	7.13	181	208.06	94.40
SX7EOCC	24.00 x 12.00 x 12.00	610 x 305 x 305	21.10	536	7.40	188	11.42	290	192.63	87.40
SX7E0F6	24.00 x 15.00 x 6.00	610 x 381 x 152	22.36	268	11.65	296	5.16	131	175.44	79.60
SX7ESG8	28.00 x 16.00 x 8.00	711 x 406 x 203	26.06	662	12.52	318	7.53	191	217.53	98.70
SX7ESGD	28.00 x 16.00 x 13.00	711 x 406 x 330	25.00	635	11.50	292	14.02	356	279.91	127.00
SX7EXCD	33.00 x 12.00 x 13.00	838 x 305 x 330	31.50	800	8.66	220	13.87	352	335.45	152.20

