

## 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	M (in.)	M (mm)	N (in.)	N (mm)	X (in.)	X (mm)	Y (in.)	Y (mm)	Z (in.)	Z (mm)	Weight (lbs.)	Weight (kgs)
SX7E644	9.57 x 7.60 x 7.09	243 x 193 x 180	6.00	152	4.00	102	5.04	128	3.03	77	5.16	131	16.09	7.30
SX7E664	9.57 x 9.57 x 7.09	243 x 243 x 180	6.00	152	6.00	152	5.04	128	5.04	128	5.16	131	21.60	9.80
SX7E666	10.51 x 10.51 x 5.91	267 x 267 x 150	6.00	152	6.00	152	5.51	140	5.51	140	7.45	189	22.48	10.20
SX7E864	9.76 x 11.89 x 6.18	248 x 302 x 157	8.00	203	6.00	152	6.77	172	4.80	122	4.87	124	26.89	12.20
SX7E866	11.34 x 9.41 x 8.54	288 x 239 x 217	8.00	203	6.00	152	7.00	178	4.96	126	6.75	171	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	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	26.89	12.20
SX7EAA6	13.82 x 14.02 x 9.06	351 x 356 x 230	10.00	254	10.00	254	9.37	238	9.37	238	6.69	170	47.83	21.70
SX7EA66	10.00 x 13.98 x 8.66	254 x 355 x 220	11.18	284	7.21	183	8.74	222	15.75	400	7.22	183	32.40	14.70
SX7EC56	9.33 x 15.83 x 9.49	237 x 402 x 241	12.00	305	5.00	127	10.80	274	4.33	110	7.52	191	40.11	18.20
SX7EFC6	15.87 x 18.66 x 9.49	403 x 474 x 241	15.00	381	12.00	305	13.15	334	10.32	262	7.80	198	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	99.18	45.00
SX7EGC8	15.75 x 19.80 x 9.37	400 x 503 x 238	16.00	406	12.00	305	14.13	359	10.08	256	7.64	194	101.82	46.20
SX7EGE9	18.35 x 19.84 x 12.13	466 x 504 x 308	16.00	406	14.00	356	13.78	350	12.28	312	10.08	256	131.80	59.80
SX7EGF6	18.70 x 19.80 x 9.06	475 x 503 x 230	16.00	406	15.00	356	14.41	366	13.31	338	7.24	184	101.38	46.00
SX7EGG6	19.68 x 19.68 x 8.58	500 x 500 x 218	16.00	406	16.00	406	21.65	550	21.65	550	10.55	268	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	7.29	185	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	11.35	288	207.40	94.10
SX7EKK8	24.09 x 24.13 x 11.14	612 x 613 x 283	20.00	508	20.00	508	18.11	460	16.14	410	7.13	181	208.06	94.40
SX7EOCC	15.98 x 27.80 x 15.83	406 x 706 x 402	24.00	610	12.00	305	21.10	536	7.40	188	11.42	290	192.63	87.40
SX7EOF6	19.21 x 28.03 x 9.53	488 x 712 x 242	24.00	610	15.00	356	22.36	268	11.65	296	5.16	131	175.44	79.60
SX7ESG8	20.08 x 32.13 x 11.54	510 x 816 x 293	28.00	711	16.00	406	26.06	662	12.52	318	7.53	191	217.53	98.70
SX7ESGD	20.39 x 32.44 x 18.03	518 x 824 x 458	28.00	711	16.00	406	25.00	635	11.50	292	14.02	356	279.91	127.00
SX7EXCD	16.69 x 37.28 x 17.28	424 x 947 x 439	33.00	838	12.00	305	31.50	800	8.66	220	13.87	352	335.45	152.20

