Junction Boxes
Type 3R Screw Cover - Painted & Galvanized
Data and Illustration Sheet



Application
- Used as wiring boxes, junction and pull boxes
- Protects against falling rain, sleet and external ice formation

Standards
- UL 50 listed, Type 3R
- CSA C22.2 No. 40 certified, Type 3R
- Conforms to NEMA standard for Type 3R

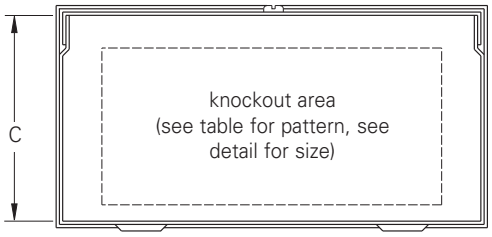
Finish
- Wash and phosphate undercoat
- ANSI 61 gray acrylic electrocoat finish

Accessories
- Touch-up paint
- See Accessories section

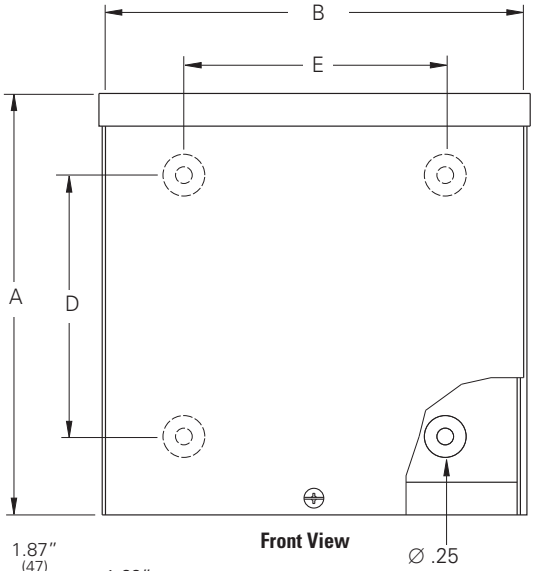
Construction
- Enclosure and cover are fabricated from code gauge galvaneal steel for painted or galvanized steel, (see table, page 57)
- Enclosure body has embossed mounting holes on the back
- Available with or without knockouts on the bottom end of enclosures less than 30 inches wide
- Cover is held secure by sliding it under the top end flange and fastening it with plated screws on the bottom end flange, (larger sizes use two studs and wing nuts)

Discount Schedule: A2

Subclass: AS0 & Z60

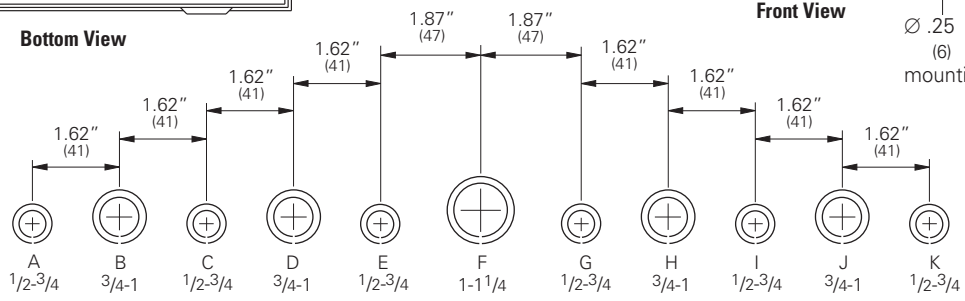


Bottom View



Front View

Ø .25
(6)
mounting hole (4PL)



Conduit Sizes

Knockout Detail

Note: See table for applicable knockout pattern.

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements. Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

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Catalog Number

Enclosure Catalog Number				Enclosure Size Height x Width x Dept A x B x C		D		E			Knockout Pattern
Painted		Galvanized									
KO	No KO	KO	No KO	in.	mm	in.	mm	in.	mm	Gauge	Bottom
444 RTSC	444 RTSC NK	444 RTSCGV	--	4.00 x 4.00 x 4.00	102 x 102 x 102	1.50	38	1.81	46	16	C D
644 RTSC	644 RTSC NK	--	--	6.00 x 4.00 x 4.00	152 x 102 x 102	3.50	89	1.81	46	16	C D
664 RTSC	664 RTSC NK	664 RTSCGV	664 RTSCGV NK	6.00 x 6.00 x 4.00	152 x 152 x 102	3.50	89	3.81	97	16	C D E
864 RTSC	864 RTSC NK	--	--	8.00 x 6.00 x 4.00	203 x 152 x 102	5.50	140	3.81	97	16	C D E
884 RTSC	884 RTSC NK	884 RTSCGV	884 RTSCGV NK	8.00 x 8.00 x 4.00	203 x 203 x 102	5.50	140	5.81	148	16	G H I J
1084 RTSC	1084 RTSC NK	--	--	10.00 x 8.00 x 4.00	254 x 203 x 102	7.50	191	5.81	148	16	G H I J
10104 RTSC	10104 RTSC NK	10104 RTSCGV	10104 RTSCGV NK	10.00 x 10.00 x 4.00	254 x 254 x 102	7.50	191	7.81	198	16	D E F G H
1284 RTSC	1284 RTSC NK	--	--	12.00 x 8.00 x 4.00	305 x 203 x 102	9.50	241	5.81	148	16	G H I J
12104 RTSC	12104 RTSC NK	--	--	12.00 x 10.00 x 4.00	305 x 254 x 102	9.50	241	7.81	198	16	D E F G H
12124 RTSC	12124 RTSC NK	12124 RTSCGV	12124 RTSCGV NK	12.00 x 12.00 x 4.00	305 x 305 x 102	9.50	241	9.81	249	16	D E F G H
15124 RTSC	--	--	--	15.00 x 12.00 x 4.00	381 x 305 x 102	12.50	318	9.81	249	16	D E F G H
16124 RTSC	16124 RTSC NK	--	--	16.00 x 12.00 x 4.00	406 x 305 x 102	13.50	343	9.81	249	16	D E F G H
16164 RTSC	16164 RTSC NK	--	--	16.00 x 16.00 x 4.00	406 x 406 x 102	13.50	343	13.81	351	16	C D E F G H I
18124 RTSC	--	--	--	18.00 x 12.00 x 4.00	457 x 305 x 102	15.50	394	9.81	249	16	D E F G H
18184 RTSC	18184 RTSC NK	--	--	18.00 x 18.00 x 4.00	457 x 457 x 102	15.50	394	15.81	402	16	B C D E F G H I J
24244 RTSC	24244 RTSC NK	--	--	24.00 x 24.00 x 4.00	610 x 610 x 102	21.50	546	21.56	548	14	B C D E F G H I J
666 RTSC	666 RTSC NK	666 RTSCGV	666 RTSCGV NK	6.00 x 6.00 x 6.00	152 x 152 x 152	3.50	89	3.81	97	16	C D E
866 RTSC	866 RTSC NK	--	--	8.00 x 6.00 x 6.00	203 x 152 x 152	5.50	140	3.81	97	16	C D E
886 RTSC	886 RTSC NK	886 RTSCGV	886 RTSCGV NK	8.00 x 8.00 x 6.00	203 x 203 x 152	5.50	140	5.81	148	16	G H I J
1086 RTSC	1086 RTSC NK	--	--	10.00 x 8.00 x 6.00	254 x 203 x 152	7.50	191	5.81	148	16	G H I J
10106 RTSC	10106 RTSC NK	10106 RTSCGV	10106 RTSCGV NK	10.00 x 10.00 x 6.00	254 x 254 x 152	7.50	191	7.81	198	16	D E F G H
1286 RTSC	--	--	--	12.00 x 8.00 x 6.00	305 x 203 x 152	9.50	241	5.81	148	16	G H I J
12106 RTSC	12106 RTSC NK	--	--	12.00 x 10.00 x 6.00	305 x 254 x 152	9.50	241	7.81	198	16	D E F G H
12126 RTSC	12126 RTSC NK	12126 RTSCGV	12126 RTSCGV NK	12.00 x 12.00 x 6.00	305 x 305 x 152	9.50	241	9.81	249	16	D E F G H
16126 RTSC	16126 RTSC NK	--	--	16.00 x 12.00 x 6.00	406 x 305 x 152	13.50	343	9.81	249	16	D E F G H
16166 RTSC	16166 RTSC NK	--	--	16.00 x 16.00 x 6.00	406 x 406 x 152	13.50	343	13.81	351	16	C D E F G H I
18126 RTSC	18126 RTSC NK	--	18126 RTSCGV NK	18.00 x 12.00 x 6.00	457 x 305 x 152	15.50	394	9.81	249	16	D E F G H
18186 RTSC	18186 RTSC NK	18186 RTSCGV	18186 RTSCGV NK	18.00 x 18.00 x 6.00	457 x 457 x 152	15.50	394	15.81	402	16	B C D E F G H I J
24126 RTSC	24126 RTSC NK	--	--	24.00 x 12.00 x 6.00	610 x 305 x 152	21.50	546	9.81	249	16	D E F G H
24186 RTSC	24186 RTSC NK	--	--	24.00 x 18.00 x 6.00	610 x 457 x 152	21.50	546	15.81	402	16	B C D E F G H I J
24246 RTSC	24246 RTSC NK	--	24246 RTSCGV NK	24.00 x 24.00 x 6.00	610 x 610 x 152	21.50	546	21.56	548	14	B C D E F G H I J
--	36366 RTSC NK	--	--	36.00 x 36.00 x 6.00	914 x 914 x 152	33.50	851	33.56	852	12	--
10108 RTSC	10108 RTSC NK	--	10108 RTSCGV NK	10.00 x 10.00 x 8.00	254 x 254 x 203	7.50	191	7.81	198	16	D E F G H
12128 RTSC	12128 RTSC NK	--	12128 RTSCGV NK	12.00 x 12.00 x 8.00	305 x 305 x 203	9.50	241	9.81	249	16	D E F G H
18128 RTSC	18128 RTSC NK	--	--	18.00 x 12.00 x 8.00	457 x 305 x 203	15.50	394	9.81	249	16	D E F G H
18188 RTSC	18188 RTSC NK	--	18188 RTSCGV NK	18.00 x 18.00 x 8.00	457 x 457 x 203	15.50	394	15.81	402	16	B C D E F G H I J
24168 RTSC	24168 RTSC NK	--	--	24.00 x 16.00 x 8.00	610 x 406 x 203	21.50	546	13.81	351	16	C D E F G H I
24188 RTSC	24188 RTSC NK	--	--	24.00 x 18.00 x 8.00	610 x 457 x 203	21.50	546	15.81	402	16	B C D E F G H I J
24248 RTSC	24248 RTSC NK	--	24248 RTSCGV NK	24.00 x 24.00 x 8.00	610 x 610 x 203	21.50	546	21.56	548	14	B C D E F G H I J
--	36368 RTSC NK	--	--	36.00 x 36.00 x 8.00	914 x 914 x 203	35.50	851	33.56	852	12	--
121210 RTSC	121210 RTSC NK	--	--	12.00 x 12.00 x 10.00	305 x 305 x 254	9.50	241	9.81	249	16	D E F G H
181210 RTSC	--	--	--	18.00 x 12.00 x 10.00	457 x 305 x 254	15.50	394	9.81	249	16	D E F G H
181810 RTSC	181810 RTSC NK	--	--	18.00 x 18.00 x 10.00	457 x 457 x 254	15.50	394	15.81	402	16	B C D E F G H I J
241810 RTSC	241810 RTSC NK	--	--	24.00 x 18.00 x 10.00	610 x 457 x 254	21.50	546	15.81	402	16	B C D E F G H I J
242410 RTSC	242410 RTSC NK	--	242410 RTSCGV NK	24.00 x 24.00 x 10.00	610 x 610 x 254	21.50	546	21.56	548	14	B C D E F G H I J
302410 RTSC	302410 RTSC NK	--	--	30.00 x 24.00 x 10.00	762 x 610 x 254	27.50	699	21.56	548	14	B C D E F G H I J
--	303010 RTSC NK	--	--	30.00 x 30.00 x 10.00	762 x 762 x 254	27.50	699	27.56	700	12	--
242412 RTSC	242412 RTSC NK	--	242412 RTSCGV NK	24.00 x 24.00 x 12.00	610 x 610 x 305	21.50	546	21.56	548	14	B C D E F G H I J
302412 RTSC	302412 RTSC NK	--	--	30.00 x 24.00 x 12.00	762 x 610 x 305	27.50	699	21.56	548	14	B C D E F G H I J
--	303012 RTSC NK	--	--	30.00x x 30.00 x 12.00	762 x 762 x 305	27.50	699	27.56	700	14	--
362412 RTSC	362412 RTSC NK	--	--	36.00 x 24.00 x 12.00	914 x 610 x 305	33.50	851	21.56	548	14	B C D E F G H I J
--	363012 RTSC NK	--	--	36.00 x 30.00 x 12.00	914 x 762 x 305	33.50	851	27.56	700	12	--
--	363612 RTSC NK	--	363612 RTSCGV NK	36.00 x 36.00 x 12.00	914 x 914 x 305	33.50	851	33.56	852	12	--

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