ULTRX®, Type 4X



Industry Standards

Mounting brackets required to meet UL/CSA external mounting requirements.

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E61997
cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E619977
Enclosure flammability evaluated per UL 508A
Window flammability evaluated per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
CSA File No. 42186: Type 3, 3R, 4, 4X, 12, 13
IEC 60529, IP66
Meets NEMA Type 3RX requirements

Application

Providing outstanding protection against corrosion and the elements, the clean lines and molded, embossed design of ULTRX® fiberglass enclosures make them the most stylish and aesthetically pleasing of their class. These enclosures feature hidden hinges, a padlocking capability for security, and flexible internal mounting options.

Specifications

- Compression-molded fiberglass material has excellent temperature and chemical resistance qualities and exhibits outstanding physical properties, including high-impact resistance
- Fiberglass is easily punched, drilled, filed or sawed
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Enclosure may be rotated 180 degrees for left and right hinging
- Molded-in drip shields are standard with each enclosure
- Impact-resistant polycarbonate window is permanently bonded in place
- Fiberglass mounting brackets and stainless steel attachment screws are provided with each enclosure
- Unique hinge design allows for standard 180 degree door opening with a maximum opening of 270 degrees
- Door hinges are replaceable
- Type 316 stainless steel quarter-turn latch. Optional keylocking or padlocking handle available.
- Molded-in DIN bosses
- Molded bosses on door provide additional mounting provisions
- Integral mounting rails provide infinite panel adjustment front to back
- Optional data pocket is high-impact thermoplastic

Finish

Exterior surface painted light-gray acrylic enamel for enhanced UV protection. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also Accessories.
H2OMIT® Vent Drains, Type 4X
H2OMIT® Thermoelectric Dehumidifier
HOL-SEALERS™ Non-Metallic Hole Seals
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Rack Angles (Type RA)

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: UX1

Standard Product

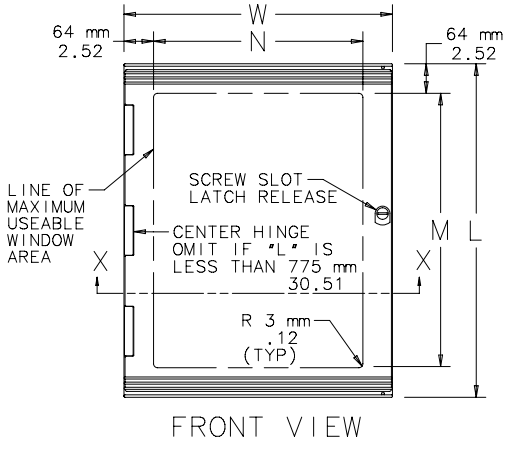
Catalog Number	Door Style	External Dimensions L x W mm/in.	Internal Dimensions A x B x C mm/in.	Panel	Conductive Panel	Panel Size D x E mm/in.	Mounting G x H mm/in.	Window Size M x N mm/in.	F mm/in.	J mm/in.	K mm/in.	S mm/in.	T mm/in.
UU504020	Solid	513 x 413	496 x 396 x 220	A20P16	A20P16G	432 x 330	359 x 459	—	186	297	19	286	387
		20.20 x 16.26	19.53 x 15.59 x 8.66			17.00 x 12.99	14.13 x 18.07	—	7.32	11.69	0.75	11.26	15.24
UU504020W	Window	513 x 413	496 x 396 x 220	A20P16	A20P16G	439 x 330	359 x 459	386 x 286	186	297	19	286	387
		20.20 x 16.26	19.53 x 15.59 x 8.66			17.00 x 12.99	14.13 x 18.07	15.20 x 11.26	7.32	11.69	0.75	11.26	15.24
UU606020	Solid	625 x 612	608 x 595 x 220	A24P24	A24P24G	533 x 533	559 x 572	—	186	500	21	489	489
		24.61 x 24.09	23.94 x 23.43 x 8.66			20.98 x 20.98	22.01 x 22.52	—	7.32	19.68	0.83	19.25	19.25
UU606020W	Window	625 x 612	608 x 595 x 220	A24P24	A24P24G	533 x 533	559 x 572	498 x 486	186	500	21	489	489
		24.61 x 24.09	23.94 x 23.43 x 8.66			20.98 x 20.98	22.01 x 22.52	19.61 x 19.13	7.32	19.68	0.83	19.25	19.25
UU605025	Solid	625 x 513	608 x 496 x 270	A24P20	A24P20G	533 x 432	457 x 570	—	239	400	21	387	489
		24.61 x 20.20	23.94 x 19.53 x 10.63			20.98 x 17.00	17.99 x 22.44	—	9.41	15.75	0.83	15.24	19.25
UU605025W	Window	625 x 513	608 x 496 x 270	A24P20	A24P20G	533 x 432	457 x 570	498 x 386	239	400	21	387	489
		24.61 x 20.20	23.94 x 19.53 x 10.63			20.98 x 17.00	17.99 x 22.44	19.61 x 15.20	9.41	15.75	0.83	15.24	19.25
UU504030	Solid	513 x 412	496 x 395 x 321	A20P16	A20P16G	432 x 330	355 x 455	—	287	300	19	286	387
		20.20 x 16.22	19.53 x 15.55 x 12.64			17.00 x 12.99	13.98 x 17.91	—	11.30	11.81	0.75	11.26	15.24
UU504030W	Window	513 x 412	496 x 395 x 321	A20P16	A20P16G	432 x 330	355 x 455	386 x 286	287	300	19	286	387
		20.20 x 16.22	19.53 x 15.55 x 12.64			17.00 x 12.99	13.98 x 17.91	15.20 x 11.26	11.30	11.81	0.75	11.26	15.24
UU606030	Solid	625 x 612	608 x 595 x 321	A24P24	A24P24G	533 x 533	555 x 568	—	287	500	21	489	489
		24.61 x 24.09	23.94 x 23.43 x 12.64			20.98 x 20.98	21.85 x 22.36	—	11.30	19.68	0.83	19.25	19.25
UU606030W	Window	625 x 612	608 x 595 x 321	A24P24	A24P24G	533 x 533	555 x 568	498 x 486	287	500	21	489	489
		24.61 x 24.09	23.94 x 23.43 x 12.64			20.98 x 20.98	21.85 x 22.36	19.61 x 19.13	11.30	19.68	0.83	19.25	19.25
UU756030	Solid	775 x 612	758 x 595 x 321	A30P24	A30P24G	686 x 533	555 x 718	—	287	500	21	489	641
		30.51 x 24.09	29.84 x 23.43 x 12.64			27.01 x 20.98	21.85 x 28.27	—	11.30	19.68	0.83	19.25	25.24

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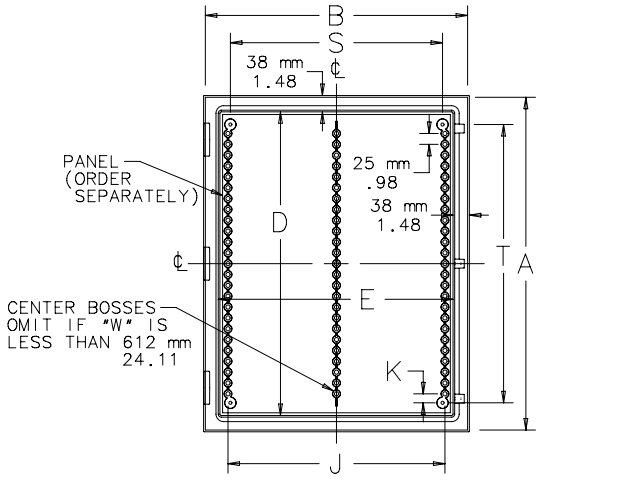
ULTRX®, Type 4X

Catalog Number	Door Style	External Dimensions L x W mm/in.	Internal Dimensions A x B x C mm/in.	Panel	Conductive Panel	Panel Size D x E mm/in.	Mounting G x H mm/in.	Window Size M x N mm/in.	F mm/in.	J mm/in.	K mm/in.	S mm/in.	T mm/in.
UU756030W	Window	775 x 612	758 x 595 x 321	A30P24	A30P24G	686 x 533	555 x 718	648 x 486	287	500	21	489	641
		30.51 x 24.09	29.84 x 23.43 x 12.64			27.01 x 20.98	21.85 x 28.27	25.51 x 19.13	11.30	19.68	0.83	19.25	25.24
UU1008030	Solid	1025 x 825	1008 x 808 x 321	A40P30	A40P30G	940 x 737	768 x 968	—	287	700	23	692	895
		40.35 x 32.48	39.68 x 31.81 x 12.64			37.01 x 29.02	30.24 x 38.11	—	11.30	27.56	0.91	27.24	35.24
UU1008030W	Window	1025 x 825	1008 x 808 x 321	A40P30	A40P30G	940 x 737	768 x 968	898 x 698	287	700	23	692	895
		40.35 x 32.48	39.68 x 31.81 x 12.64			37.01 x 29.02	30.24 x 38.11	35.35 x 27.48	11.30	27.56	0.91	27.24	35.24
UU606040	Solid	625 x 612	608 x 595 x 421	A24P24	A24P24G	533 x 533	555 x 568	—	387	500	21	489	489
		24.61 x 24.09	23.94 x 23.43 x 16.57			20.98 x 20.98	21.85 x 22.36	—	15.24	19.68	0.83	19.25	19.25
UU606040W	Window	625 x 612	608 x 595 x 421	A24P24	A24P24G	533 x 533	555 x 568	498 x 486	387	500	21	489	489
		24.61 x 24.09	23.94 x 23.43 x 16.57			20.98 x 20.98	21.85 x 22.36	19.61 x 19.13	15.24	19.68	0.83	19.25	19.25
UU756040	Solid	775 x 612	758 x 595 x 421	A30P24	A30P24G	686 x 533	555 x 718	—	387	500	21	489	641
		30.51 x 24.09	29.84 x 23.43 x 16.57			27.01 x 20.98	21.85 x 28.27	—	15.24	19.68	0.83	19.25	25.24
UU756040W	Window	775 x 612	758 x 595 x 421	A30P24	A30P24G	686 x 533	555 x 718	648 x 486	387	500	21	489	641
		30.51 x 24.09	29.84 x 23.43 x 16.57			27.01 x 20.98	21.85 x 28.27	25.51 x 19.13	15.24	19.68	0.83	19.25	25.24

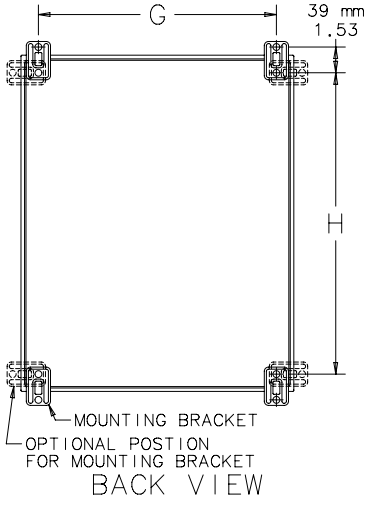
Purchase panels separately.



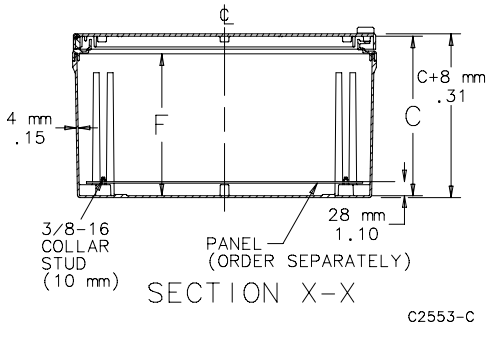
FRONT VIEW



FRONT VIEW WITH DOOR REMOVED



BACK VIEW



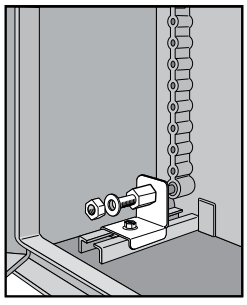
SECTION X-X

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ULTRX®, Type 4X

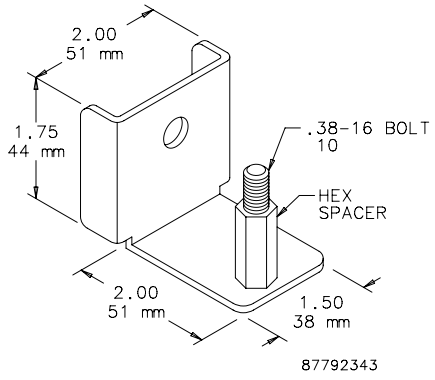
Panel Bracket Kit



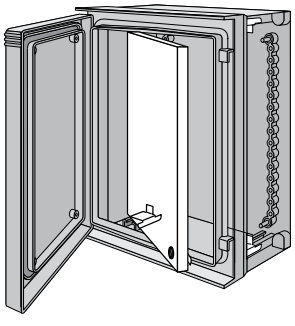
Panel Bracket Kit is used with steel panels and permits panel adjustment from front to rear. Fits all ULTRX sizes. Mounts on integrally molded body rail. Brackets are plated steel. All mounting hardware is included.

Bulletin: UX1Y

Catalog Number	Description	Pkg. Qty.
UUPB	ULTRX Panel Bracket Kit	4



Swing-Out Panel

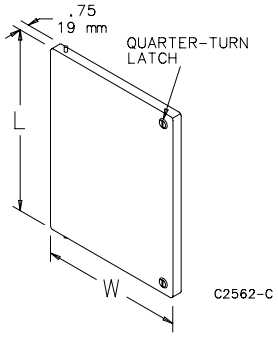


Installs front-mounted panels in ULTRX fiberglass enclosures. The front-mounted swing panel complements window-door units and is suited for any application requiring a display of gauges, dials or any type of control equipment monitor. Made of 14 gauge plated steel. Easy installation; no drilling required. Fully adjustable front to rear. Panel and mounting hardware included.

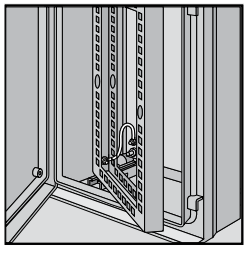
Bulletin: UX1Y

Catalog Number	Fits A x B mm/in.	L mm/in.	W mm/in.
UU5040SP	513 x 413	432	330
	20.20 x 16.26	17.00	12.99
UU6050SP	625 x 513	536	432
	24.61 x 20.20	21.10	17.00
UU6060SP	625 x 612	540	535
	24.61 x 24.09	21.25	21.08
UU7560SP	775 x 612	687	535
	30.51 x 24.09	27.05	21.08
UU10080SP	1025 x 825	935	737
	40.35 x 32.48	36.80	29.00

Use UU6060SP with DATACOM ULTRX Fiberglass Type 4X WiFi Cabinet.



Grounding Device



Grounding Device provides a means to attach a grounding conductor to an ULTRX Swing-Out Panel or Swing-Out Frame. Includes all installation hardware and instructions.

Bulletin: UX1Y

Catalog Number	Description
UUGK	ULTRX Grounding Device

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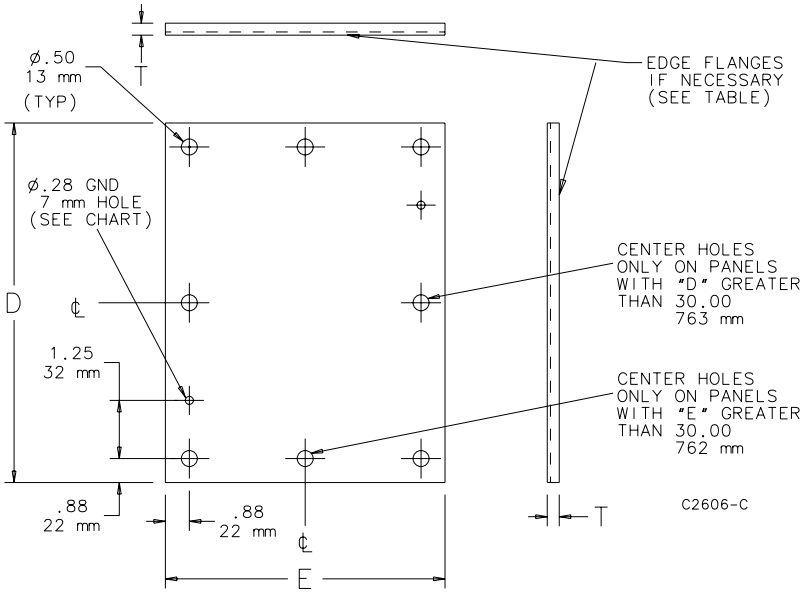
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures

Steel panels are 12 gauge with a white finish. Panel mounting hardware is furnished with all enclosures which accept these panels.

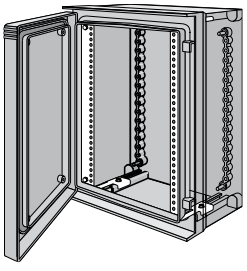
Bulletin: DWS12, PNLWM

Catalog Number	Panel Gauge	Flange Thickness T (in.)	Flange Thickness T (mm)	Panel Size D x E (in.)	Panel Size D x E (mm)	Number of Holes	Edge Flanges
A20P16	12	—	—	17.00 x 13.00	432 x 330	4	None
A24P20	—	0.75	19	21.00 x 17.00	533 x 432	4	2
A24P24	—	0.75	19	21.00 x 21.00	533 x 533	4	2
A24P24WD	—	0.75	19	21.00 x 21.00	533 x 533	4	—
A30P24	—	0.75	19	27.00 x 21.00	686 x 533	4	2
A40P30	—	0.75	19	37.00 x 29.00	940 x 737	4	4

Catalog number with "WD" is wood.



Rack Angles (Type RA)

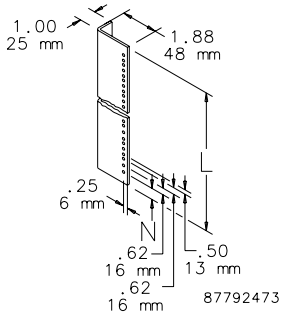


Pairs of full-length rack-mounting angles are available for mounting 1- in. (483-mm) rack-mounted equipment. Type RA angles are 14 gauge steel with .281-in. (7-mm) diameter mounting holes, spaced per EIA standard RS-310-D (universal spacing). Use Clip Nut Package (AN1032) to provide tapped holes at desired locations. Angles and mounting hardware are plated steel. Mounting hardware is furnished.

Bulletin: UX1Y

Catalog Number	Fits A x B mm/in.	L mm/in.	N mm/in.	Rack Units	Pkg. Qty.
UURA6060	610 x 610	552	10	12	2
	24.00 x 24.00	21.75	.38		
UURA7560	762 x 610	705	19	15	2
	30.00 x 24.00	27.75	.75		

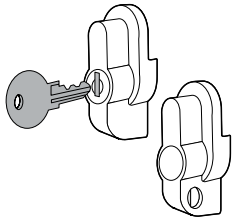
Use UURA6060 with DATACOM ULTRX Fiberglass Type 4X WiFi Cabinet.

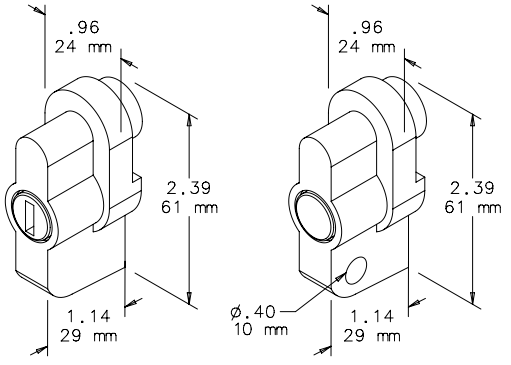


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ULTRX®, Type 4X

Keylock Kit and Padlock Kit





Keylock Kit or pushbutton-style Padlock Kit is easily inserted in latch hole to prevent unauthorized personnel from gaining access to enclosure contents. Each kit is fully assembled for easy installation in the field. Type 316 stainless steel construction.

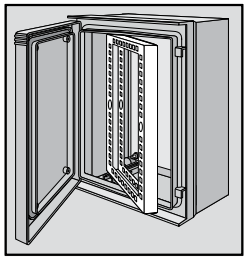
Bulletin: UX1Y

Catalog Number	Description
UUHKL	Keylock Kit
UUHPL	Padlock Kit

UUHKL: Internal key components are not stainless steel.

UUHPL: Handles maintain UL 508A, Type 3, 4, 4X and 12 when properly installed on a Hoffman enclosure. Set up for 1/4-in. or 3/8-in. padlock.

Swing Frame



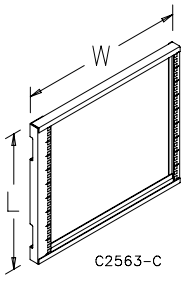
Swing Frame provides 19-in. rack-mounting capabilities with U-Style (Type RA) mounting hole pattern. Quarter-turn latch has 100-degree swing. Adjustable mounting provision. 14 gauge plated steel. Includes mounting hardware. Swing frame maintains enclosure rating if properly installed in a Hoffman enclosure.

Swing Frame will not slide all the way forward in 400-mm-deep enclosures. Consult factory for more information.

Bulletin: UX1Y

Catalog Number	Fits A x B mm/in.	L mm/in.	W mm/in.	Rack Units
UU6060SF	610 x 610	540	535	11
	24.00 x 24.00	21.25	21.08	
UU7560SF	762 x 610	687	535	14
	30.00 x 24.00	27.05	21.08	

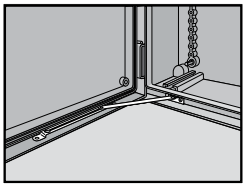
Use UU6060SF with DATACOM ULTRX Fiberglass Type 4X WiFi Cabinet.



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ULTRX®, Type 4X

Door Stop Kit

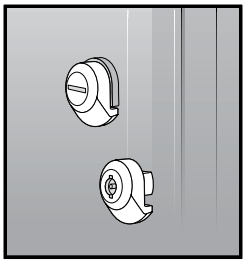


Door Stop Kit limits door to 120-degree opening. Field installable on all sizes of ULTRX enclosures. Type 304 stainless steel construction.

Bulletin: UX1Y

Catalog Number	Description
UUDS	Door Stop Kit

ULTRX® Key Insert

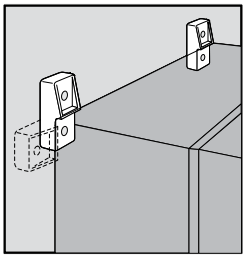


Inserts can be substituted for the standard quarter-turn latch. Inserts are Type 316 stainless steel.

Bulletin: UX1Y

Catalog Number	Insert Type
UUL3DB	Double-bit 3 mm
UULSC	Screw driver slot

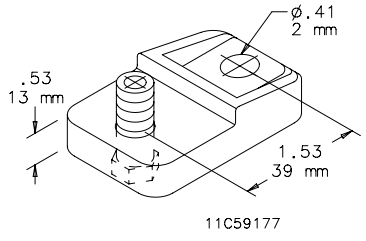
ULTRX® Mounting Bracket Kit



Kit is field-installable. Corrosion-resistant fiberglass material. Type 316 stainless steel mounting hardware is included. Four mounting brackets per kit.

Bulletin: UX1Y

Catalog Number	Description	Kit Qty.
UUMF	Mounting Bracket Kit	4



11C59177

Screw Insert Kit

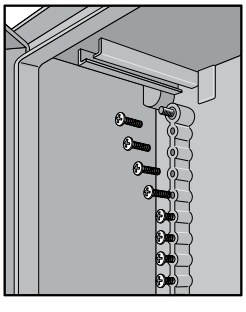


Brass threaded inserts (10-32) with plated screws. Used on door bosses and DIN bosses.

Bulletin: UX1Y

Catalog Number	Description	Kit Qty.
UUMH2	Screw Insert Kit	4 inserts and 4 screws

Self-Tapping Screws



Plated screws (1/4-15 x .88) mount panels and accessories to DIN bosses on back of enclosure.

Bulletin: UX1Y

Catalog Number	Description	Pkg. Qty.
UUMH1	Self-Tapping Screws	10

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