PENTAIR

19-IN. RACK-MOUNT/DESKTOP CASE, TYPE 1

INDUSTRY STANDARDS
NEMA Type 1
IEC 60529, IP20
Exterior Dimensions
EIA 310-D / IEC 297-1
DIN 41494 Part 1

APPLICATION
Desktop cases house circuit boards and other electronic equipment in a rigid framework with easy front and rear access. Rack cases are 19-in. rack mountable with integral mounting provided in the front bezel.

FEATURES
- Removable top and bottom covers attach directly to case framework for maintenance convenience
- Bottom cover has multiple rows of holes for ventilation
- Front bezel includes mounting provisions for 19-in. rack mounting as well as mounting for front panel options for application flexibility
- Top and bottom of framework have mounting provisions for optional support rails for application flexibility. Mounting holes are spaced on 10-mm centers front to back.
- Case framework is assembled for quick installation. Top cover, bottom cover, anti-skid feet and mounting hardware are included.
- Mounting hardware for optional front and rear panels are included with case for installation convenience

SPECIFICATIONS
- One-piece aluminum die cast front bezel and rear bezel are connected front-to-back with aluminum extrusions to form a rigid structural framework
- Sides on 3U- and 4U-tall cases are the aluminum front-to-back extrusions. The 6U-tall case has two aluminum extrusions with a steel middle panel on each side.
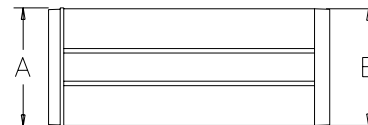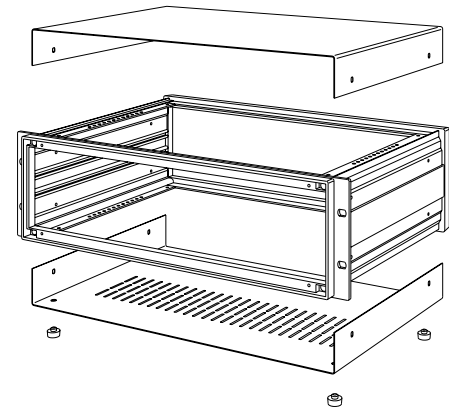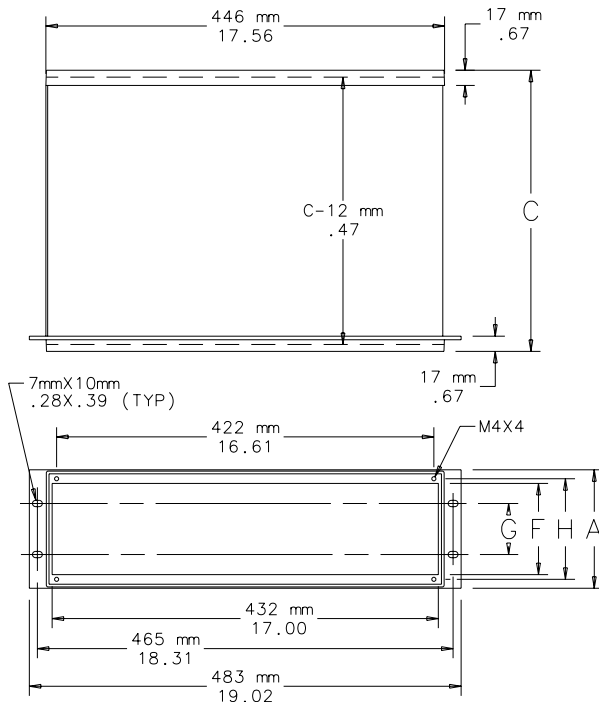- Covers are 1-mm steel and have grounding provisions

FINISH
Framework has an RAL 7030 stone-gray textured finish. Top and bottom covers have an RAL 7035 light-gray textured finish on the outside and a plated finish on the inside.

BULLETIN: DEC1

Standard Product

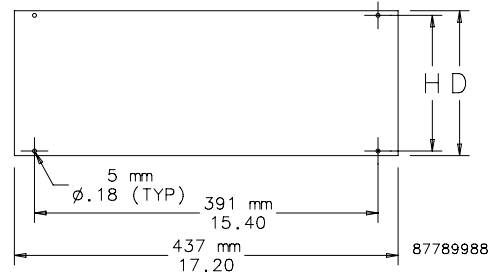| Catalog Number	AxBxC mm/in.	E mm/in.	F mm/in.	G mm/in.	H mm/in.	Rack Units
ERC3U4837	133 x 483 x 375	131	103	57	110	3
	5.20 x 19.00 x 14.80	5.14	4.04	2.25	4.33	
ERC4U4843	177 x 483 x 435	175	147	102	155	4
	7.00 x 19.00 x 17.10	6.89	5.77	4.00	6.08	
ERC6U4843	266 x 483 x 435	264	235	190	243	6
	10.50 x 19.00 x 17.10	10.39	9.27	7.50	9.58	

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Hoffman®

FRONT PANELS

Blank front panel provides a means to close front or rear of a desktop case. The smooth anodized surface is ideal for mounting controls or meters, etc. The front panel is 2.5-mm thick and fits into the 6-mm (0.24-in.) recess on front (or rear) of the case. Hardware to mount front panel is furnished with case.

BULLETIN: DEC1

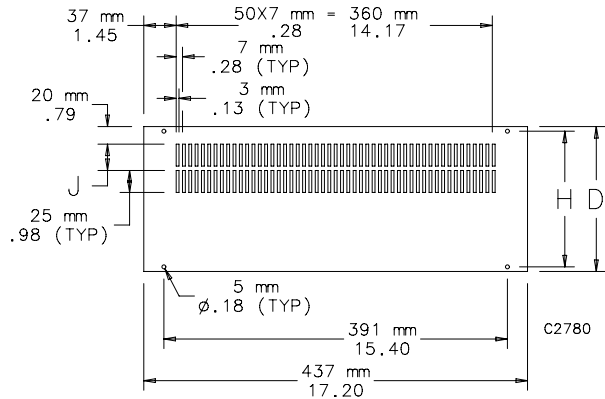| Catalog Number	D mm/in.	H mm/in.
ERCFP3U48	120.5 4.74	110.0 4.33
ERCFP4U48	165.0 6.50	154.5 6.08
ERCFP6U48	253.8 9.99	243.4 9.58

REAR PANELS

Rear panels are 2.5-mm thick anodized aluminum. They include a row of ventilation slots (vertical) along the upper edge of panel. 6U covers have two rows of slots. Hardware to mount rear panel is furnished with case.

BULLETIN: DEC1

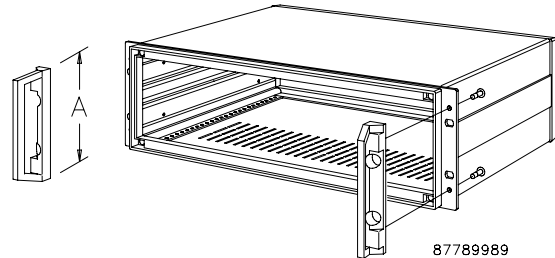| Catalog Number	D mm/in.	H mm/in.	J mm/in.
ERCRP3U48	121 4.74	110 4.33	25 .98
ERCRP4U48	165 6.50	155 6.08	25 .98
ERCRP6U48	254 9.99	243 9.58	25 .98

FRONT HANDLES

Handles facilitate movement of the desktop case and installation of the case in a 19-in. rack. They are mounted to the rack-mounting flanges on the 19-in. front bezel. Front bezels have holes partially drilled and countersunk for location and must be drilled through before handle installation. Handles are die-cast aluminum and finished in light-gray (RAL 7030). Package includes two handles with necessary mounting hardware.

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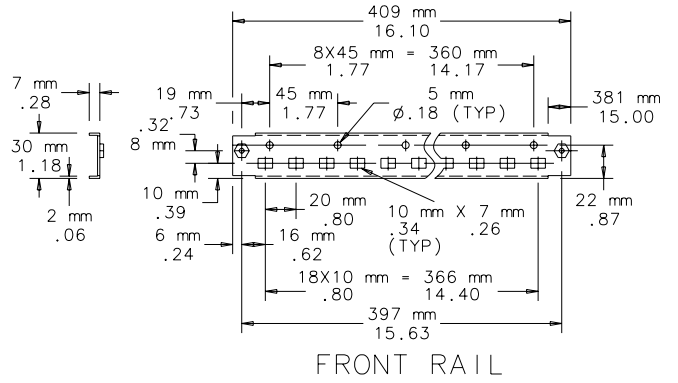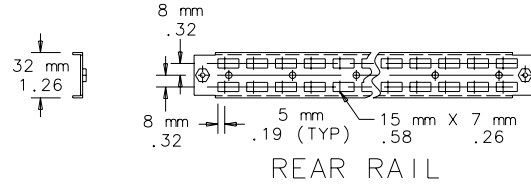| Catalog Number |
|---|
| ERCFH3U |
| ERCFH4U |
| ERCFH6U |

SUPPORT RAIL KIT

Support rails are recommended for mounting and supporting the weight of bulky components inside a desktop case. Support rails have mounting holes and rectangular slots for mounting components. Rails are 1.5-mm steel with a plated finish. M4 nuts are welded to the rail ends for easy attachment to the case. Mounting holes in the desktop case are spaced on 10-mm centers from front to back, allowing a variety of positions for support rails. Support rail kit includes front rail, rear rail and mounting hardware.
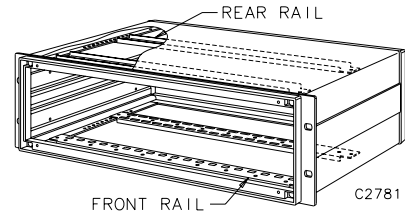
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Catalog Number	Kit Includes
ERCRF48	1 front rail, 1 rear rail and mounting hardware

FRONT RAIL

REAR RAIL

Notes