

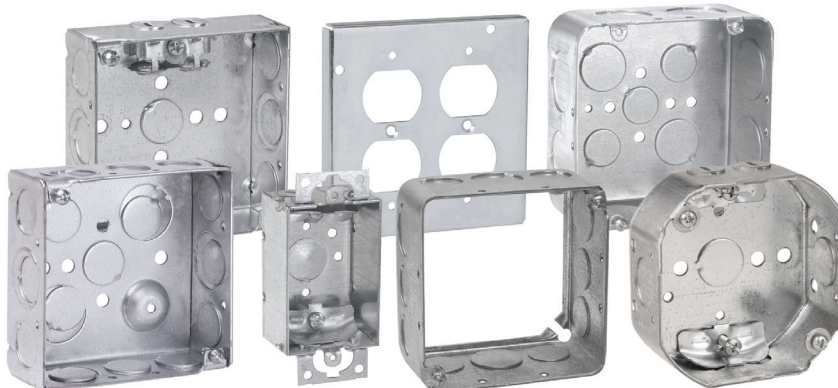
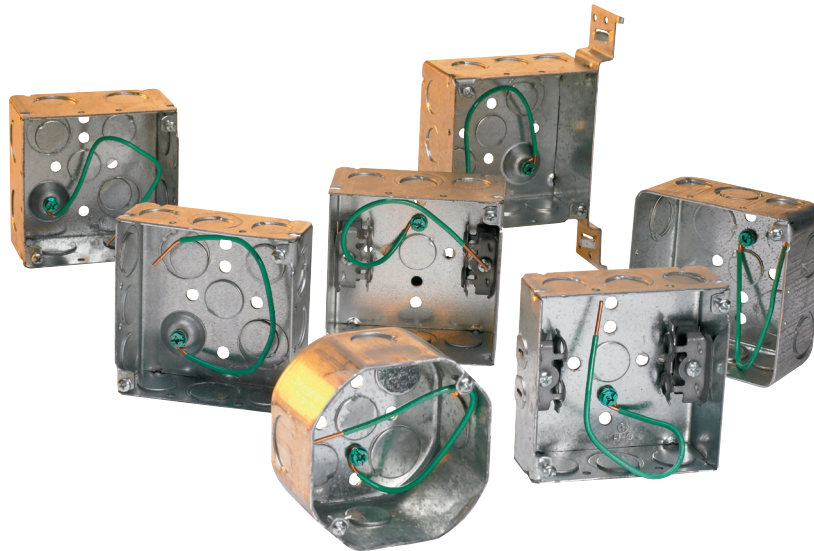
Switch & outlet boxes – technical data

Outlet boxes and covers

Eaton's has assembled one of the most complete outlet box product lines in the business. We've been leading in quality and selection for decades and throughout the Crouse-Hinds series steel outlet box offering, you will find innovative products and solutions that save labor, cut material costs and increase productivity.

We have a complete offering of:

- 4" and 4¹¹/₁₆" square drawn and welded boxes with raised cover plate screws for ease of attaching covers
- 4" square and 4¹¹/₁₆" , switch, masonry, utility, outlet, ceiling, fan and gangable boxes
- Drawn boxes available with concentric knockouts, combining 1/2" and 3/4" knockout
- Complete line of covers, partitions, extension rings and accessories
- Uni-Mount™ covers
- Quick-Lok™ outlet boxes and assemblies
- PRE-formance™ products
- Pre-assembled boxes which includes Uni-Mount cover attached to 4" square box
- Pre-fabricated boxes which includes Uni-Mount cover attached to 4" square box with ground screw and lead installed
- Fire alarm boxes and covers
- **Boxes available with various means of grounding including**
 - **Tapped ground holes**
 - **Pre-installed ground screw, add "G" suffix to box catalog number**
 - **Pre-installed ground pigtail, add "PF" suffix to box catalog number**



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General information

Compliances:

Article 314 of the National Electrical Code® (NEC®) covers the installation and use of boxes. The article includes table references that guide the electrician in the selection of the proper size box necessary to safely accommodate electrical service requirements. The box capacity table is reproduced in part from NEC as a quick reference and guide. The NEC should be consulted for complete details.

Outlet boxes for fixture or fan support:

A box, with or without a bracket or bar hanger, intended for support of a fixture/luminaire weighing 50 lbs. or less is marked “FOR FIXTURE/LUMINAIRE SUPPORT” on the carton to indicate that the box is intended for fixture/luminaire support. A box, with or without a bracket or bar hanger, intended for support of a fixture/luminaire weighing more than 50 lbs. is marked with the weight of the fixture/luminaire to be supported. Metallic device boxes and device plaster rings have not been investigated for support of a ceiling fixture/luminaire unless marked for use in ceilings, walls and with the weight of the product to be supported. Metallic device boxes intended to be installed in an existing structure have been investigated for the support of utilization equipment weighing not more than 6 lbs.

Knockouts:

Under File No. E-23156, Eaton’s Crouse-Hinds Series concentric and “moon” KO style boxes, the following is stated “Suitable for bonding without any additional bonding means around concentric (or eccentric) knockouts where used in circuits above or below 250V.”



Fire resistance rating wall penetrations:

Eaton’s Crouse-Hinds series products are produced in accordance with the requirements of UL514A, UL514B and UL514C, and are classified for fire resistance according to the standard, Fire Tests of Building Construction and Materials, ANSI/UL263, ASTM E 119 and NFPA 251. This listing is based on products when used in a fire rated (2 HR) wall or ceiling. Eaton’s Crouse-Hinds series steel boxes are listed with UL File No. E-23156 and non-metallic boxes are listed with UL File No. E-102328 and UL (2 HR fire rated) File No. R9933.

NEMA standards:

Eaton’s Crouse-Hinds series switch and outlet boxes comply with the requirements of NEMA Standard OS-1 and Federal Spec. W-J-800F.

Grounding hole:

The majority of Crouse-Hinds outlet boxes have at least one tapped #10-32 grounding hole.

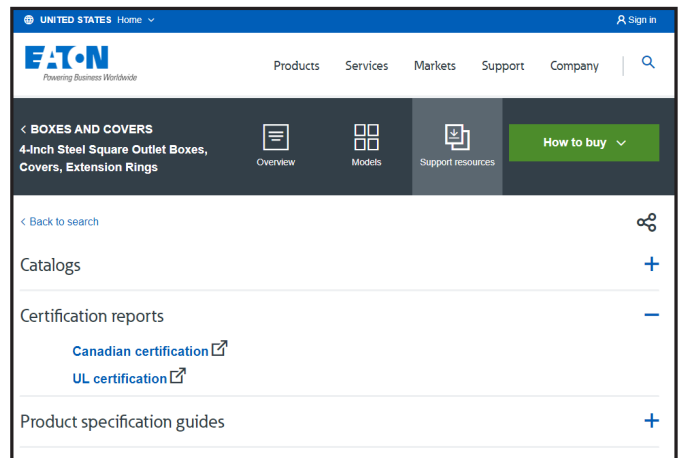
Combination screw heads:

Cover and clamp screws have combination slotted/Phillips screw heads. Self-tapping screws provide for 100% thread engagement.



Third party certification information:

Third party certification documents can be found on the product detail page of the Eaton website. Just click on the resource tab and click on the link to view the third party document. Document can then be saved or printed.



Outlet boxes

Standard materials – steel covers, outlet and switch boxes:

- Steel boxes and covers are made of .0625 inch thick pre-galvanized sheet steel
- Handy box covers are made of .030 inch thick galvanized sheet steel

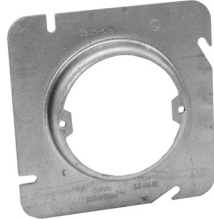
Steel square covers

4^{11/16}" SQUARE COVERS – CUBIC INCH CAPACITY (SEE BELOW)

UL LISTED



TP568



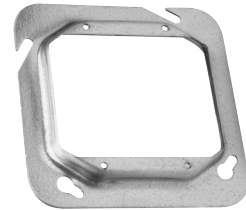
TP569, TP570, TP571,
TP573, TP575



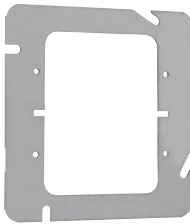
TP572



TP574 - TP582,
TP529, TP531



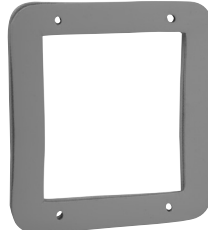
TP584, TP586, TP589,
TP593, TP541, TP543



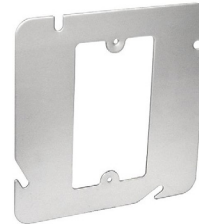
TP590



TP851^B



TP852^B



TP72C62A



TP72C4S-1/2,
TP72C4S-3/4

Cat. #	Description	Capacity cu. in.	Unit qty.	Wt. lbs. per 100
Flat and raised				
TP568 ^{H P}	Flat blank	-	25	40
TP569 ^C	1/2" raised, with ears 2 3/4"	3.5	25	25
TP570 ^C	5/8" raised, with ears 2 3/4"	4.8	25	31
TP571 ^C	3/4" raised, with ears 2 3/4"	5.4	25	40
TP572 ^{H P}	Flat, with 1/2" KO	-	25	40
TP573 ^C	1" raised, with ears 2 3/4"	6.5	25	40
TP575 ^C	1 1/4" raised, with ears 2 3/4"	9.5	25	45
TP72C4S-1/2 ^{C P}	4 11/16 to 4" adapter, 1/2" raised	-	25	30
TP72C4S-3/4 ^{C P}	4 11/16 to 4" adapter, 3/4" raised	-	25	30
Air plenum				
TP851 ^B	Flat blank gasketed with captive screws	-	50	42
TP852 ^B	Flat ring double gasketed	-	25	20
One device				
TP72C62A ^C	Flat	-	50	30
TP574 ^H	1/4" raised	1.8	25	32
TP576 ^C	1/2" raised	3.5	50	31
TP579 ^H	5/8" raised	4.5	25	39
TP578 ^C	3/4" raised	5.5	25	31
TP580 ^H	1" raised	6.8	25	46
TP582 ^H	1 1/4" raised	8.5	25	52
TP529 ^H	1 1/2" raised	11.3	25	64
TP531 ^H	2" raised	15.0	25	76
Two device				
TP590 ^C	Flat	-	50	19
TP583 ^{H G}	1/4" raised	3.0	25	26
TP584 ^H	1/2" raised	6.0	25	30
TP587 ^C	5/8" raised	7.3	25	25
TP586 ^H	3/4" raised	8.8	25	34
TP589 ^C	1" raised	11.5	25	38
TP593 ^C	1 1/4" raised	15.0	25	38
TP541 ^H	1 1/2" raised	18.8	25	63
TP543 ^H	2" raised	24.5	25	79

^B For air plenum (no mounting holes) - not UL Listed.

^C cUL Listed.

^H CSA certified.

^G Not UL Listed.

^P Available in painted options.