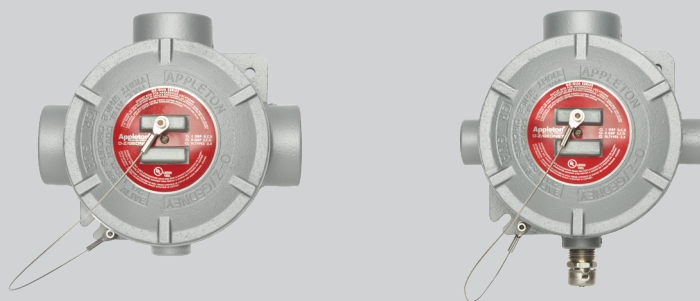




GRTS STANCHION MOUNT JUNCTION BOX SERIES

APPLICATIONS

- Unique hub and mounting designs, materials and gasketed covers suitable for use in:
 - Stanchion mounted lighted walkways with cable or conduit infrastructures
 - A wide range of industrial, chemical processing and other areas where flammable gases and vapors or combustible dusts are present
 - Marine and wet locations
 - Areas at height where drop hazards need to be eliminated
- Typical applications include:
 - Power plants
 - Processing plants
 - Chemical plants
 - Oil refineries
 - Waste and sewage treatment

FEATURES

- Unique mounting feet design for cable-fed infrastructures enables easier, more convenient assembly to Unistrut® or other surface mount locations.
- Unique hub designs for 1-1/2" stanchion pole mounted lighting for maximum versatility.
- NEMA 4X performance when using gasketed aluminum cover and aluminum body option.
- Ambient temperature range:
 - Without drain -40 °C to +60 °C (-40 °F to +170 °F).
 - With drain -25 °C to +40 °C (-13 °F to 104 °F).
- Cabled covers prevent drop hazard during maintenance.
- Factory-installed drain option eliminates need for reducers or adapters.
- DIN Rail mounted terminal blocks up to 12 positions and 10 AWG capacity for any power or wire termination needs.

OPTIONS

- Drain
- DIN Rail mounted terminal block

STANDARD MATERIALS

- Body: ductile iron or copperfree (4/10 of 1% max.) aluminum
- Cover: copperfree (4/10 of 1% max.) aluminum

STANDARD FINISHES

- Ductile iron bodies: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Aluminum bodies and covers: epoxy powder coat

NEC/CEC CERTIFICATIONS AND COMPLIANCES

- UL Standard: UL 1203
- CSA Standard: C22.2 No. 25, C22.2 No. 30
- cULus Listed: E85310

NEC/CEC RATINGS

- Class I, Division 1 and 2, Groups B♦, C, D
- Class II, Division 1 and 2, Groups E, F, G
- Class III
- Class 1, Zone 1 and 2, IIA, IIB, IIB + H2♦
- NEMA 3, 4, 4X ①
- IP66 (without drain)

♦ In Class I, Division 1, Group B atmospheres, all conduit runs must have a sealing fitting (not supplied) field-installed adjacent to the enclosure.

① Aluminum body and cover only.

Unistrut is a registered trademark of Unistrut International Corporation, a part of Atkore International.

APPLETON

For product information:
www.appletonelec.com
 1.800.621.1506

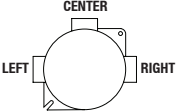


CONSIDER IT SOLVED™

Catalog Numbering Guide — GRTS Options (Example Item: GRTS15075ADT12)

This is a GRTS box with mixed hub entries (3/4" and 1-1/2"), Aluminum material, Drain and a 12 position terminal block.

GRTS	15075	A	D	T12
Series Prefix: GRTS - T Style Stanchion Mount	Hub Configuration: 150 - 1-1/2" (Left, Center, Right) 15075 - 3/4" (Left), 1-1/2" (Center), 3/4" (Right)	Material: Blank - Iron A - Aluminum	Drain: Blank - No drain D - Drain	Terminal Block: Blank - No terminal block T6 - 6 Position T12 - 12 Position

GRTS Series	Hub Size LEFT (Inches)	Hub Size CENTER (Inches)	Hub Size RIGHT (Inches)	Cover Opening mm (in)	Volume Capacity dm ³ (in ³)	Catalog Number	
						Ductile Iron Body with Aluminum Cover	Aluminum Body with Aluminum Cover
	1-1/2	1-1/2	1-1/2	123.95 (4.88)	1.18 (72.0)	GRTS150	GRTS150-A
	3/4	1-1/2	3/4	123.95 (4.88)	1.18 (72.0)	GRTS15075	GRTS15075-A

ILLUSTRATED FEATURES



150



15075



Unique hub designs provide most common center hub 1-1/2" stanchion mount attachment with side hub variations for either: ultimate incoming trade size flexibility using adapters or most common 3/4" need, eliminating the need for adapters.

Unique mounting feet design for cable-fed infrastructures enables easier, more convenient assembly to Unistrut® or other surface mount locations.

Drain option mount eliminates costly fourth hub and reducers. Factory-installed drain when specified. Mount location undrilled if no drain specified.

DIN rail mounted terminal blocks ③ with 10 AWG capacity up to 12 pos., provide flexibility for most power, termination and splice needs. Covers lighting, and extras such as photocells and controls, or continuing wire runs.

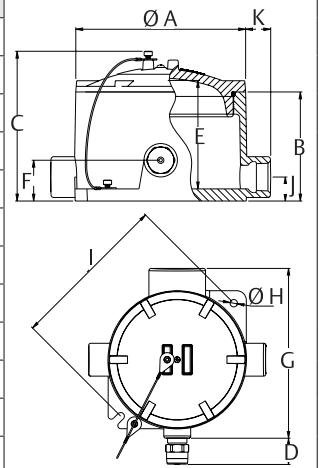
Cabled cover prevents drop hazard when removing cover for maintenance.

DIMENSIONS IN MILLIMETERS (INCHES)

	150	15075
A	146.1 (5.75)	146.1 (5.75)
B	93.7 (3.69)	93.7 (3.69)
C	128.7 (5.07)	128.7 (5.07)
D	28.0 (1.10)	28.0 (1.10)
E	93.2 (3.67)	93.2 (3.67)
F	35.1 (1.38)	35.1 (1.38)
G	181.5 (7.14)	181.5 (7.14)
H	7.9 (0.31)	7.9 (0.31)
I	170.6 (6.72)	170.6 (6.72)
J	35.1 (1.38) ①	35.1 (1.38) ①
	-	20.6 (0.81) ②
K	24.2 (0.95) ①	24.2 (0.95) ①
	-	21.6 (0.85) ②

① Dimensions for 1-1/2" hub.

② Dimensions for 3/4" hub.



③ Terminal block is UL listed and CSA certified for 600 Volt, 30 Amp.