

Specifications

Conditions of Sale

STANDARD: The seller's standard conditions of sale set forth in Price Sheet 150 apply, except as modified under the "Warranty Qualifications" section on page 2 or when the five-year extended warranty catalog number option ("W5") is ordered.

SPECIAL TO THIS PRODUCT:

INCLUSIONS: The Trans-Rupter II Transformer Protector is designed exclusively for primary-side applications on distribution substation transformers. It offers sophisticated protection capabilities at low cost, making it one of the most economical options available for reliable transformer protection. The Trans-Rupter II Transformer Protector is a resettable device featuring three-phase tripping of electrically linked pole-units.

The Trans-Rupter II Transformer Protector includes three SF₆ gas-filled pole-units, each with its own operating mechanism. Pole-units are factory-filled to full pressure, then permanently sealed. No additional gas handling is required for the life of the device, eliminating the risk of contaminating the interrupting medium. A temperature-compensated gas-pressure gauge is furnished on each pole-unit, providing local indication of gas density. Pole-units are fully assembled and tested at the factory.

Pole-units use lightweight, composite-polymer silicone insulation. The leakage distance is 100 inches (2540 mm) across the interrupter and 80 inches (2032 mm) line-to-ground for 69-kV models; 131 inches (3327 mm) across the interrupter and 156 inches (3962 mm) line-to-ground for 115-kV models; and 131 inches (3327 mm) across the interrupter and 177 inches (4496 mm) line-to-ground for 138-kV models. The Trans-Rupter II Transformer Protector features single-gap SF₆ gas puffer-type interrupters that interrupt the circuit in 3 cycles and maintain dielectric ratings when open.

Each operating mechanism is a spring-charged stored-energy device. It is sealed in SF₆ gas, providing excellent protection from the environment; no heaters are needed. Each mechanism includes indication of pole-unit state, i.e., **Closed and Charged or Open and Discharged** state. The pole-units are individually closed and charged using the easy-to-use manual charging tool provided. The tool is captured during the charging process, preventing the pole-units from being left partially open. (Optional motor operators are available.)

A source-side, three-pole group-operated disconnect switch is required in series with the Trans-Rupter II Transformer Protector to provide visible air-gap isolation when the interrupters have been tripped. The disconnect is also used to pick up transformer magnetizing inrush current after all three pole-units have been closed and charged.

An optional tool key interlock provides a helpful means for coordinating operation of the charging tool with the source-side series disconnect. The interlock renders the charging tool nonfunctional unless the disconnect is open. It does not, however, ensure three-phase charging of the pole-units. The requisite operating procedure must be incorporated into the user's standard operating practice.

Pole-units can be vertically mounted on a wide variety of user-furnished structures. Each Trans-Rupter II Transformer Protector includes bolts to attach pole-units to the mounting structure. Phase spacing and mounting height can be matched to virtually any transmission line and transformer arrangement. Alternately, Trans-Rupter II Transformer Protectors can be mounted on an S&C-furnished mounting pedestal(s), available in a variety of heights and phase spacings. Mounting pedestals include all necessary pole-unit wiring and conduits. Mounting pedestals can be selected from Table 4 on page 5.

Model EX—With Tripping from User-Furnished Relays

Model EX is tripped by an external signal from a user-furnished differential, sudden-pressure, or overcurrent relay, and it requires a user-furnished 48-Vdc or 125-Vdc control-power source. The device is shipped wired for 125-Vdc operation but can be readily rewired in the field for 48-Vdc operation. Pole-units are field-wired to a low-voltage connection enclosure to which user-furnished relays and control power are connected. Terminal blocks are also provided for connection to the user's remote supervisory system for monitoring pole-unit state and optional low-gas-density alarms.

EXCLUSIONS: The Trans-Rupter II Transformer Protector does not include optional features, such as mounting pedestal(s), current transformers, motor operators, anchor bolts, or connectors. The customer-supplied series disconnect must be purchased separately.



Table 1. Trans-Rupter II Transformer Protector—With Tripping from User-Furnished Relays

50/60-Hz Ratings									Catalog Number	Page Reference for Dimensional Information
kV			Amperes, RMS							
Nom.	Max	BIL	Cont.	4-Hour	Peak Withstand	1-Sec.	Primary Side Fault Interrupting, Sym.①	Secondary Faults②		
69	72.5	350	420	630	81 900	31 500	31 500●	4 200■	329116	8
115	123	550	420	630	81 900	31 500	31 500●	2 600▲	329118	8
138	145	650	420	630	81 900	31 500	31 500●	2 600▲	329119	8

① Rating is based on transient-recovery-voltage parameters defined in the following tables of IEC Standard 60056, Edition 4:0: 1987:

- For Trans-Rupter II Transformer Protector models rated 69 kV: Tables IIa, XVa, and XVIa.
- For Trans-Rupter II Transformer Protector models rated 115 kV and 138 kV: Tables IIc, XVc, XVIc, and XVII.

② The Trans-Rupter II Transformer Protector is suitable for transformer-primary applications where the inherent secondary-fault current—the secondary-side fault current as reflected on the primary side of the transformer, assuming an infinite (zero-impedance) source—does not exceed this value for a fault external to the transformer. The inherent secondary-fault current may be calculated as follows:

$$I = \frac{57.8P}{(\%Z)E}$$

where I = Inherent secondary-fault current, amperes
P = Transformer self-cooled three-phase rating, kVA
E = Primary-side system phase-to-phase voltage, kV
%Z = Percent transformer primary-to-secondary impedance, referred to transformer self-cooled three-phase kVA rating (example: enter 7% as 7.0)

$$57.8 = \frac{1}{1.73} \times 100 \text{ where } \sqrt{3} = 1.73$$

● At temperatures between –31°F (–35°C) and –58°F (–50°C) the primary-side fault-interrupting rating is 10,000 A. A 2-cycle time-delay relay is required to attain the 10,000 ampere primary-side fault-interrupting rating at temperatures between –31°F (–35°C) and –58°F (–50°C).

■ At temperatures between –31°F (–35°C) and –58°F (–50°C) the secondary-side fault-interrupting rating is 2000 A.

▲ At temperatures between –31°F (–35°C) and –58°F (–50°C) the secondary-side fault-interrupting rating is 950 A.

Trans-Rupter II® Transformer Protector

Table 2. Optional Features

Item		Suffix to be Added to Trans-Rupter II Catalog Number
Motor operators. Adds remote reset capability. Includes OPEN/CLOSE local pushbuttons ^①	48 Vdc	-A
	125 Vdc	-B
Pole-unit quick-connect control cable. Plug-style connector replaces butt-splice electrical connection at pole-unit electrical junction box and low-voltage enclosure ^②		-C2
Complete quick-connect control cable. Plug-style connectors replace terminal block connection between charging motors and low-voltage enclosure ^{②③}		-C3
Bypass accessory. Single-pole, stick-operated, set of three 630 amperes continuous, 31,500 amperes momentary rating. Permits operational checkout of transformer protector and relaying equipment without opening high-voltage circuit ^④	69 kV	-F
	115 kV	
Deletion of OPEN/CLOSE local pushbuttons ^{③⑤}		-J
Tool key interlock. For coordinating the Trans-Rupter II Transformer Protector charging tool with the user-furnished series disconnect. Prevents operation of the Trans-Rupter II Transformer Protector charging tool unless the series disconnect is open ^{⑥⑦}		-L
International crating. Wood products used in the packaging are either hardwood or certified by the wood supplier as being "heat treated" (kiln dried) to a core temperature of 133°F (56°C) for a minimum of 30 minutes		-L71
International pole-unit indicators. International symbols for "open" and "close" replace English language indicators ^⑧		-M
Canadian pole-unit indicators. Reverse red "open" and green "closed" indicator labels ^⑨		-N
LOCAL TRIP pushbutton. Addition of a pushbutton for Local Trip operation ^{⑦⑩}		-P
Remote gas-density indicator. Set of contacts to provide two-level alarm indication of low gas density		-R
Extended warranty. Extends standard 2-year Trans-Rupter II Transformer Protector warranty to 5 years		-W5
LOCAL/REMOTE selector switch. Prevents remote operation of the Trans-Rupter II Transformer Protector when selector switch is placed in Local mode, as for example, during inspection ^③		-Y

① Manual charging tool is furnished with option "-A" or "-B" in case control power is lost.

② Only available for a Trans-Rupter II Transformer Protector installed on S&C Mounting Pedestals.

③ Only available if option "-A" or "-B" is specified.

④ Not available for switches rated 138 kV.

⑤ Not available if option "-Y" is specified.

⑥ Matching key interlocks for disconnect must be provided by user.

⑦ Not available if option "-A" or "-B" is specified.

⑧ Not available if option "-N" is specified.

⑨ Not available if option "-M" is specified.

⑩ Not available if option "-J" is specified.

Table 3. Extra Sections for Manual Charging Tool

Item		Catalog Number
Removable extra sections to adjust the length of the charging tool for different mounting structure heights. Maximum length of extra sections: 96 inches (2438 mm)①	24-inch (610 mm) section	SXA-3172
	48-inch (1219 mm) section	SXA-3171

① Extra sections are recommended for mounting structures higher than 96 inches. The standard tool is designed for 96-inch (2438-mm) high structures.

Table 4. Mounting Pedestals①

Applicable to Trans-Rupter II Transformer Protectors Rated, kV	Phase Spacing, Inches (mm)	Height, Inches (mm)	Suffix to be Added to Trans-Rupter II Transformer Protector Catalog Number	Page Reference for Dimensional Information
69	48 (1219)	96 (2438)	-E84	10 and 14
		120 (3048)	-E104●	
		144 (3658)	-E124■	
69 thru 138	84 (2134)	96 (2438)	-E88	12 and 16
		120 (3048)	-E108●	
		144 (3658)	-E128■	
115 and 138	102 (2591)	96 (2438)	-E81	12 and 16
		120 (3048)	-E101●	
		144 (3658)	-E121■	

① Single column for pedestals with 48-inch (1219-mm) phase spacing; set of two columns for pedestals with 84-inch (2134-mm) and 102-inch (2591-mm) phase spacing. All pedestals are of 8-inch (203-mm) square steel-tube construction, galvanized finish.

● Includes an extra 2-foot (610-mm) section for the manual charging tool.

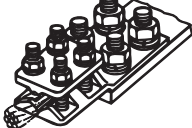
■ Includes an extra 4-foot (1219-mm) section for the manual charging tool.

Trans-Rupter II® Transformer Protector

Table 5. Anchor Bolts for Mounting Pedestals

Applicable to Trans-Rupter II Transformer Protector Rated, kV	Phase Spacing, Inches (mm)	Anchor Bolt		
		Nominal Size, Inches (mm)	Quantity Required	Catalog Number
69	48 (1219)	1 × 33 (25 × 838)	4	S-81365-1
	84 (2134)	1 × 33 (25 × 838)	8	S-81365-1
115 and 138	84 and 102 (2134 and 2591)	1 × 33 (25 × 838)	8	S-81365-1

Table 6. Connectors

Illustration	Description	Accommodating Conductor	Catalog Number ^①
	Standard bronze pad terminal. Four-bolt, tin-plated. Includes ½-inch galvanized steel hardware for attachment to terminal pads of Trans-Rupter II Transformer Protector	2/0 stranded (89.0 mm²) through 800 kc mil (538.6 mm²) copper	4568R1
		4/0 stranded (141.3 mm²) through 1000 kc mil (672.5 mm²) copper	4569R1
	Standard aluminum-alloy pad terminal. Four-bolt. Includes ½-inch galvanized steel hardware for attachment to terminal pads of Trans-Rupter II Transformer Protector	250 kc mil (167.5 mm²) through 400 kc mil (268.5 mm²) copper or aluminum	5329
		350 kc mil (235.0 mm²) through 600 kc mil (404.1 mm²) copper or aluminum	5331
		600 kc mil (404.1 mm²) through 900 kc mil (606.4 mm²) copper or aluminum	5333
		900 kc mil (606.4 mm²) through 1250 kc mil (841.9 mm²) copper or aluminum	5334

① Add suffix letter to the catalog number to specify appropriate mounting bolt length:

- “-A” for ½–13 × 1 inch
- “-B” for ½–13 × 1½ inches
- “-C” for ½–13 × 2 inches

Table 7. Motor Operators

Item		Catalog Number	
Motor operators. Adds remote reset capability. Includes three motors, push buttons, mounting brackets, conduit, and mounting hardware①		48 Vdc	SXA-4030-1
		125 Vdc	SXA-4030-2
Replacement motor②	Without socket for quick-connect option	48 Vdc	SXA-4020-1
		125 Vdc	SXA-4020-2
	With socket for quick-connect option③	48 Vdc	SXA-4020-1-C
		125 Vdc	SXA-4020-2-C

① Refer to the nearest S&C Sales Office before adding motor operators to an installed Trans-Rupter II Transformer Protector with the “-C3” pole-unit quick-connector control cable option.

② Includes single-pole replacement motor.

③ Spare or replacement motors with quick-connect socket are only intended for use on Trans-Rupter II Transformer Protectors already equipped with pole-unit quick-connect catalog option “-C3.”

Table 8. Spare or Replacement Parts

Item			Catalog Number
Pole-unit	Without sensors for remote gas-density indicator	69 kV	SXA-4737-A
		115 kV	SXA-4738-A
		138 kV	SXA-4739-A
	Without sensors for remote gas-density indicator. With socket for quick-connect option①	69 kV	SXA-4737-A-C
		115 kV	SXA-4738-A-C
		138 kV	SXA-4739-A-C
	With sensors for remote gas-density indicator②	69 kV	SXA-4737-1-A
		115 kV	SXA-4738-1-A
		138 kV	SXA-4739-1-A
	With sensors for remote gas-density indicator. With socket for quick-connect option①②	69 kV	SXA-4737-1-A-C
		115 kV	SXA-4738-1-A-C
		138 kV	SXA-4739-1-A-C
Pole-unit with international indicators (option suffix "-M")	Without sensors for remote gas-density indicator	69 kV	SXA-4737-A-M
		115 kV	SXA-4738-A-M
		138 kV	SXA-4739-A-M
	Without sensors for remote gas-density indicator. With socket for quick-connect option①	69 kV	SXA-4737-A-C-M
		115 kV	SXA-4738-A-C-M
		138 kV	SXA-4739-A-C-M
	With sensors for remote gas-density indicator②	69 kV	SXA-4737-1-A-M
		115 kV	SXA-4738-1-A-M
		138 kV	SXA-4739-1-A-M
	With sensors for remote gas-density indicator. With socket for quick-connect option①②	69 kV	SXA-4737-1-A-C-M
		115 kV	SXA-4738-1-A-C-M
		138 kV	SXA-4739-1-A-C-M
Pole-unit with Canadian indicators (option suffix "-N")	Without sensors for remote gas-density indicator	69 kV	SXA-4737-A-N
		115 kV	SXA-4738-A-N
		138 kV	SXA-4739-A-N
	Without sensors for remote gas-density indicator. With socket for quick-connect option①	69 kV	SXA-4737-A-C-N
		115 kV	SXA-4738-A-C-N
		138 kV	SXA-4739-A-C-N
	With sensors for remote gas-density indicator②	69 kV	SXA-4737-1-A-N
		115 kV	SXA-4738-1-A-N
		138 kV	SXA-4739-1-A-N
	With sensors for remote gas-density indicator. With socket for quick-connect option①②	69 kV	SXA-4737-1-A-C-N
		115 kV	SXA-4738-1-A-C-N
		138 kV	SXA-4739-1-A-C-N
Charging tool	Without tool key interlock		SXA-3161
	With tool key interlock③		SXA-3158

① Spare or replacement interrupters with quick-connect socket are only intended for use on Trans-Rupter II Transformer Protectors already equipped with quick-connect catalog option "-C2" or "-C3."

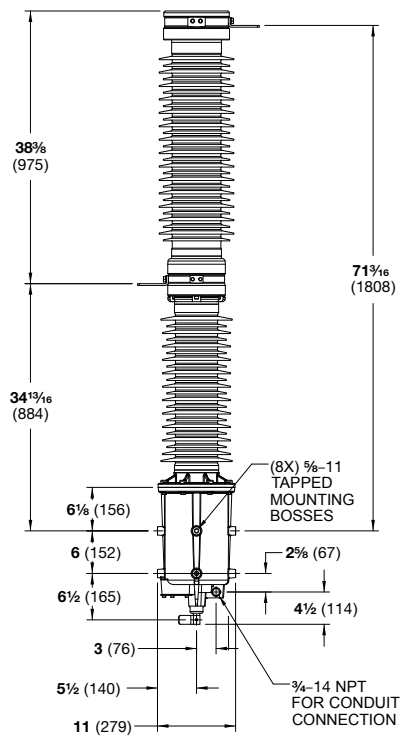
② Spare or replacement interrupters with sensors for the remote gas-density indicator are only intended for use on Trans-Rupter II Transformer Protectors already equipped with remote gas-density indicator

catalog option "-R." They do not include a complete indicator. For a complete remote gas-density indicator, refer to the nearest S&C Sales Office.

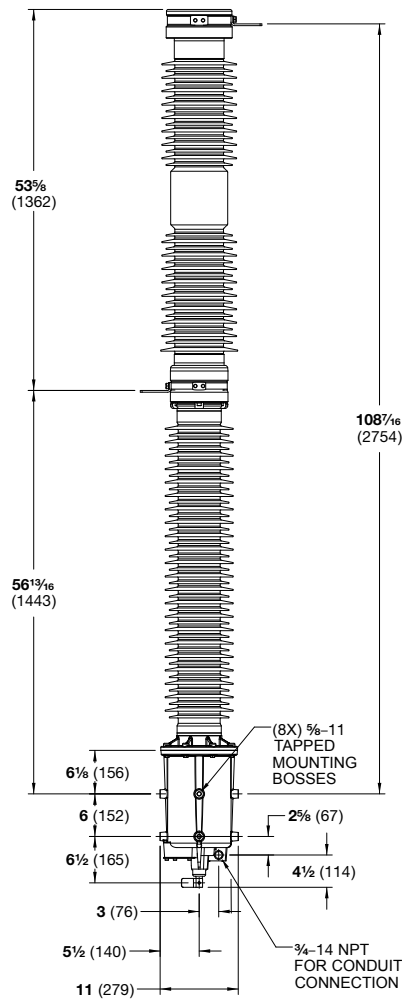
③ Only includes a key interlock for the charging tool. It does not include a key interlock for the series disconnect. For a complete set of key interlocks, refer to the nearest S&C Sales Office.

Model EX for Cold Temperatures

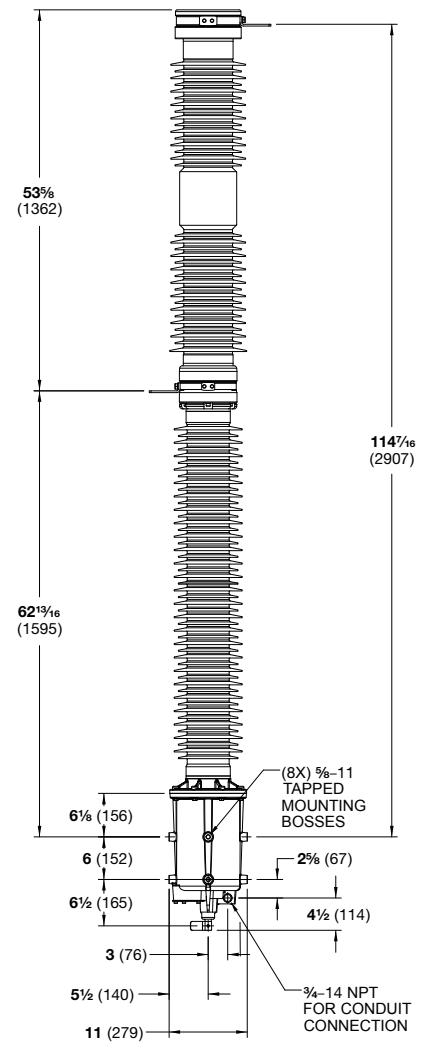
Dimensions in inches (mm)



69-kV POLE-UNIT

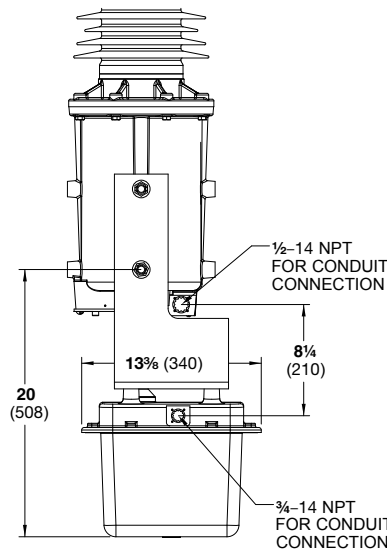


115-kV POLE-UNIT

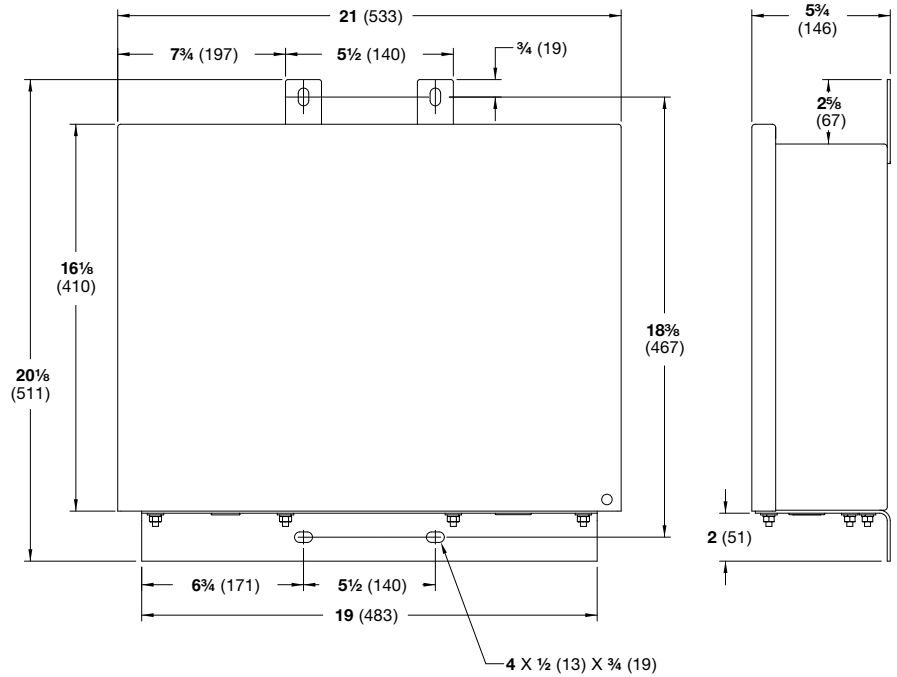


138-kV POLE-UNIT

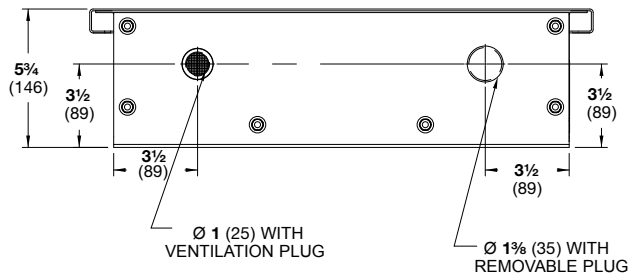
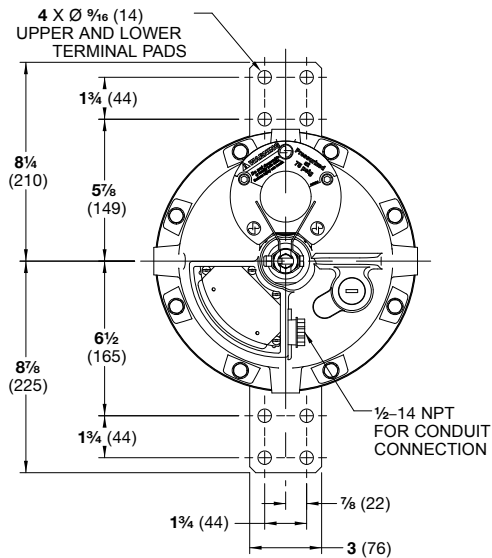
MOTOR OPERATOR (OPTION “-A”, “-B”)



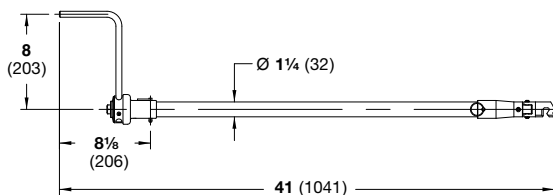
LOW-VOLTAGE CONNECTION ENCLOSURE



UNDERSIDE OF POLE-UNIT BASE



MANUAL CHARGING TOOL



Net Weight—Complete Trans-Rupter II Transformer Protector^①

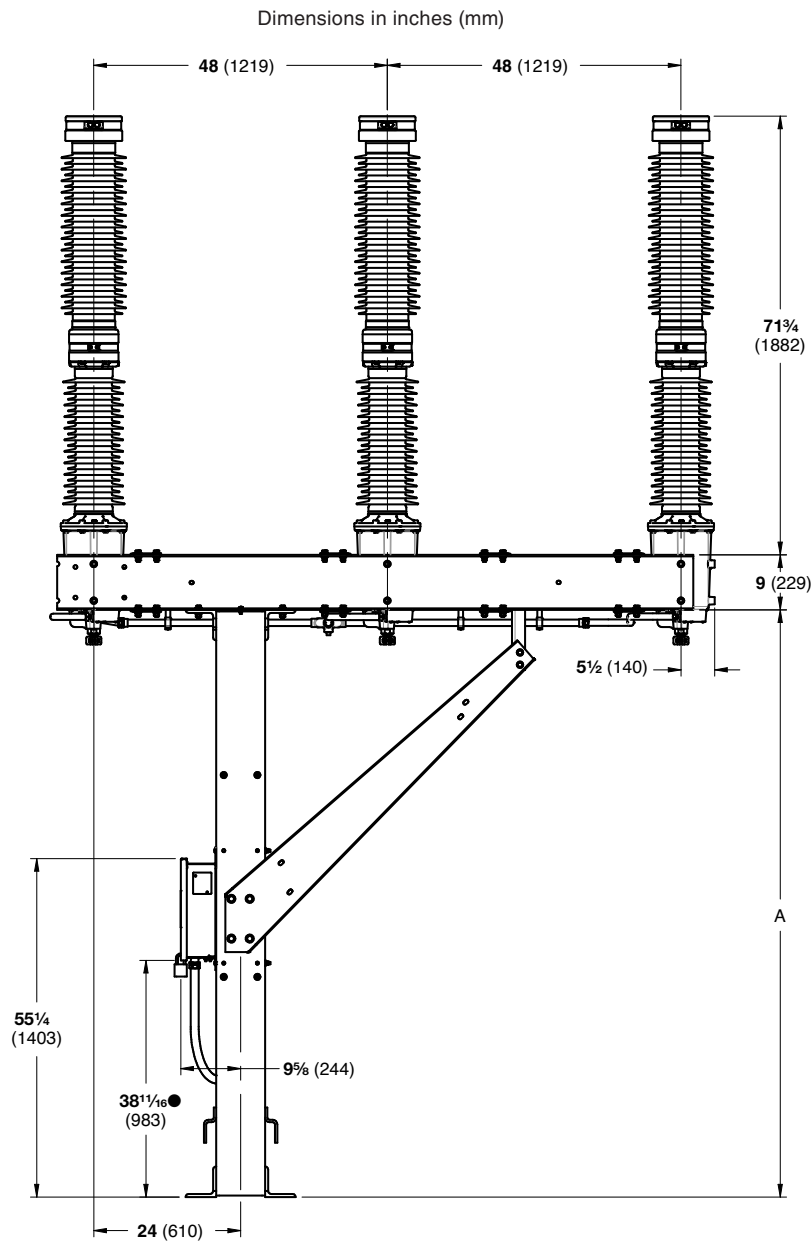
Trans-Rupter II Catalog Number	Net Weight, Lbs. (kg)
329116	598 (271)
329118	738 (335)
329119	742 (337)

^① The motor operator option adds approximately 105 lbs. (48 kg) to the net weight.

Trans-Rupter II® Transformer Protector

Mounting Pedestal

69 kV, 48-inch (1219-mm) phase spacing

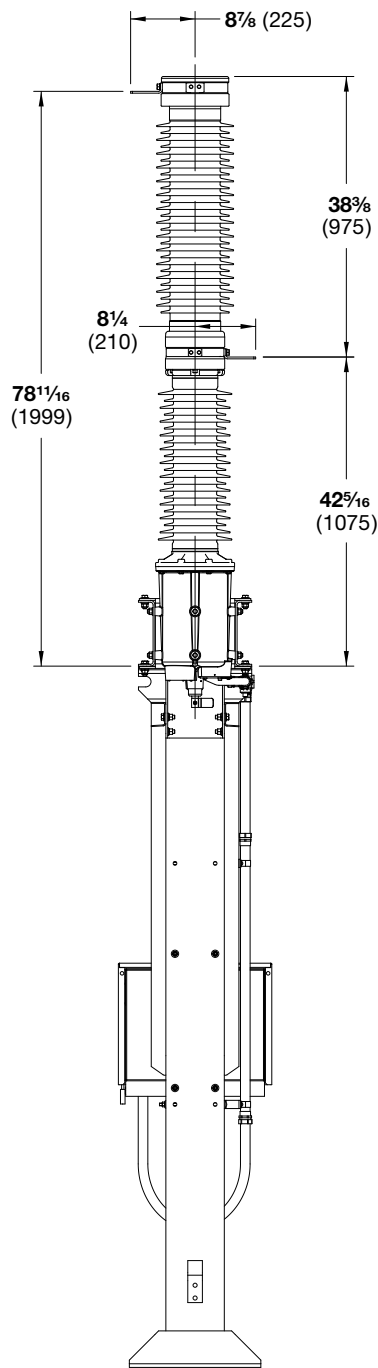


● Dimension from bottom of pedestal base to conduit entrance.

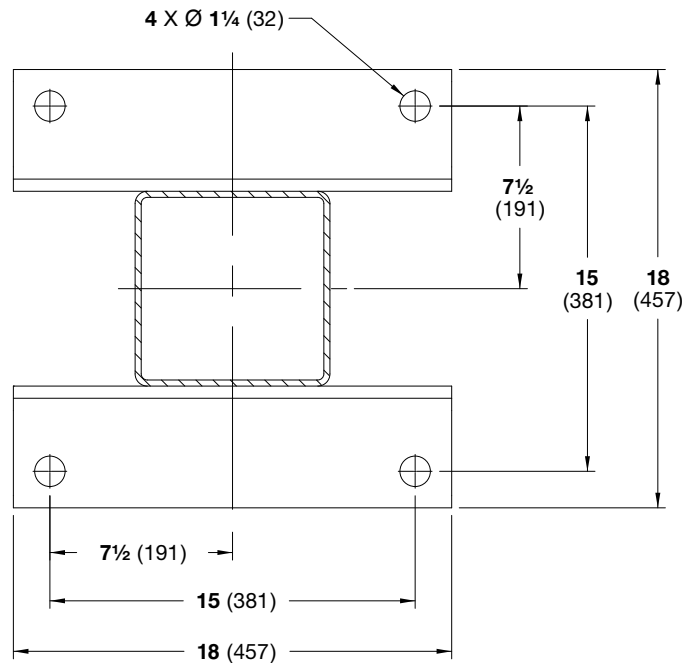
Applicable to Trans-Rupter II Transformer Protector		Suffix to be Added to Catalog Number	Dimensions in inches (mm)	Net Weight, Lbs. (kg)①
Rating, kV	Catalog Number		A	
69	329116	-E84	96 (2438)	1324 (601)
		-E104	120 (3048)	1338 (607)
		-E124	144 (3658)	1424 (646)

① The net weight includes both the mounting pedestal and the complete Trans-Rupter II Transformer Protector.

Dimensions in inches (mm)



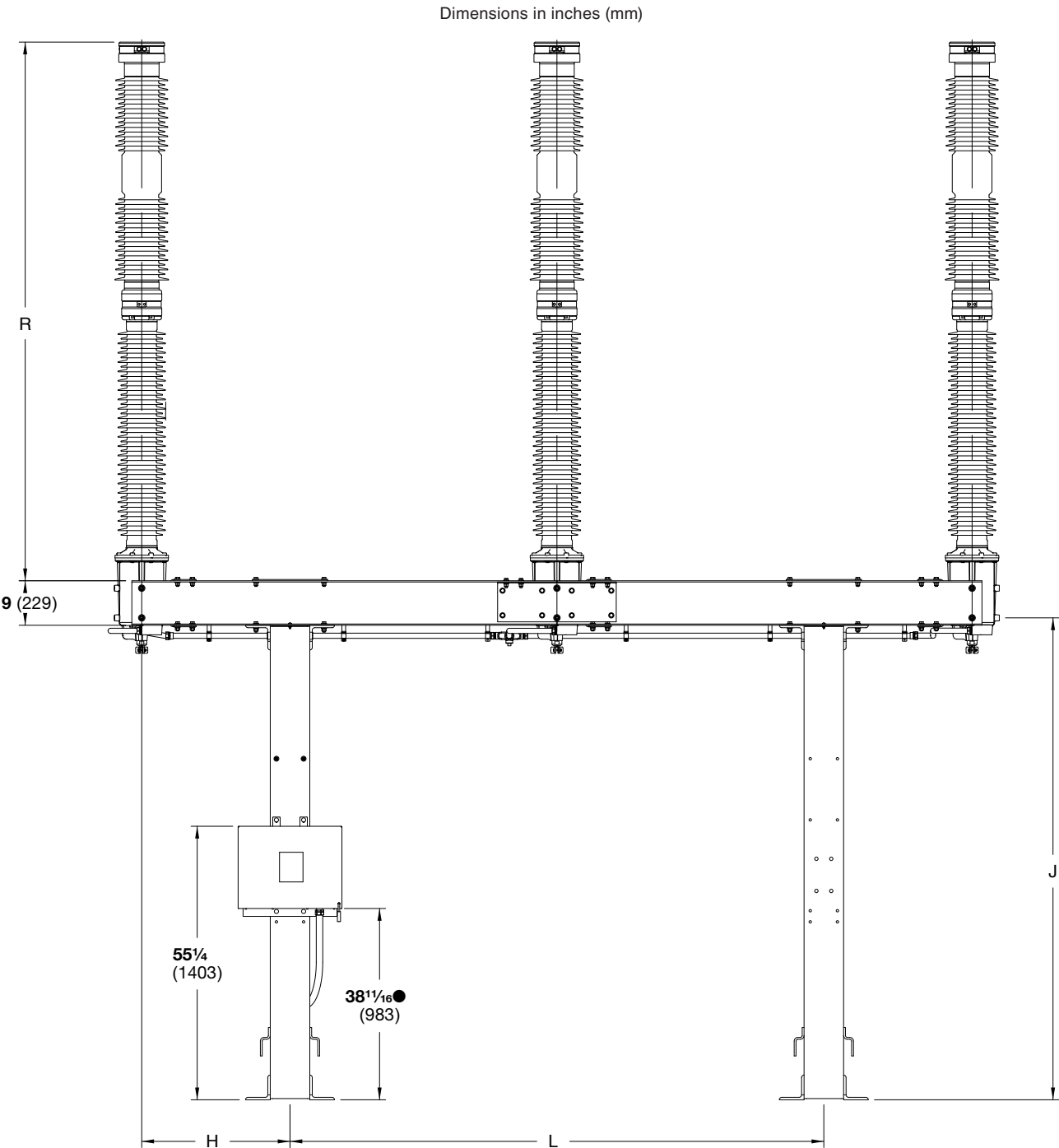
Mounting Pedestal Base Detail



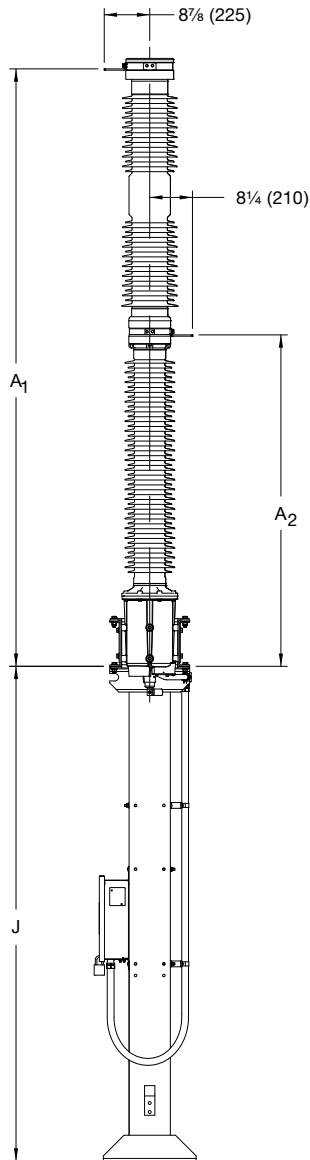
Trans-Rupter II® Transformer Protector

Mounting Pedestals

69 kV, 84-inch (2134-mm) phase spacing; 115 kV and 138 kV

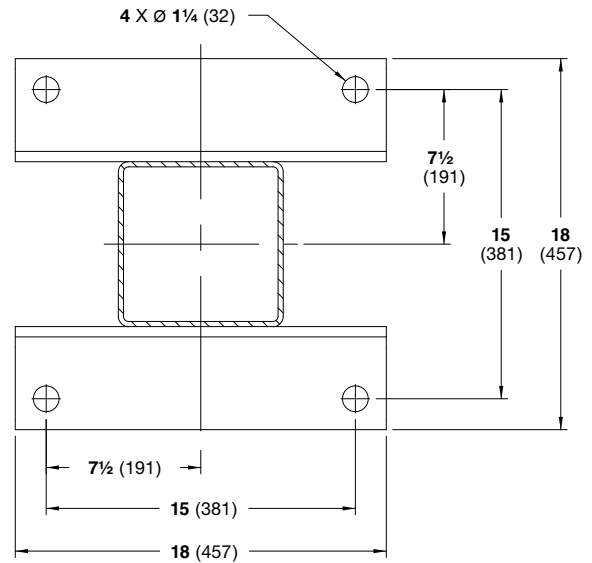


● Dimension from bottom of pedestal base to conduit entrance.



Dimensions in inches (mm)

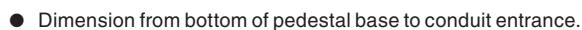
Mounting Pedestal Base Detail



Applicable to Trans-Rupter II Transformer Protector		Suffix to be Added to Catalog Number	Dimensions in inches (mm)							Net Weight, Lbs. (kg) ①
Rating, kV	Catalog Number		A1	A2	D	H	J	L	R	
69	329116	-E88	78 11/16 (1999)	42 5/16 (1075)	84 (2134)	30 (762)	96 (2438)	108 (2743)	71 3/4 (1822)	1704 (773)
		-E108	78 11/16 (1999)	42 5/16 (1075)	84 (2134)	30 (762)	120 (3048)	108 (2743)	71 3/4 (1822)	1804 (818)
		-E128	78 11/16 (1999)	42 5/16 (1075)	84 (2134)	30 (762)	144 (3658)	108 (2743)	71 3/4 (1822)	1904 (864)
115	329118	-E88	115 15/16 (2945)	64 5/16 (1634)	84 (2134)	30 (762)	96 (2438)	108 (2743)	109 (2769)	1850 (839)
		-E108	115 15/16 (2945)	64 5/16 (1634)	84 (2134)	30 (762)	120 (3048)	108 (2743)	109 (2769)	1950 (885)
		-E128	115 15/16 (2945)	64 5/16 (1634)	84 (2134)	30 (762)	144 (3658)	108 (2743)	109 (2769)	2050 (930)
		-E81	115 15/16 (2945)	64 5/16 (1634)	102 (2591)	36 (914)	96 (2438)	132 (3353)	109 (2769)	1900 (862)
		-E101	115 15/16 (2945)	64 5/16 (1634)	102 (2591)	36 (914)	120 (3048)	132 (3353)	109 (2769)	2000 (907)
		-E121	115 15/16 (2945)	64 5/16 (1634)	102 (2591)	36 (914)	144 (3658)	132 (3353)	109 (2769)	2100 (953)
138	329119	-E88	121 15/16 (3097)	70 5/16 (1786)	84 (2134)	30 (762)	96 (2438)	108 (2743)	115 (2921)	1869 (848)
		-E108	121 15/16 (3097)	70 5/16 (1786)	84 (2134)	30 (762)	120 (3048)	108 (2743)	115 (2921)	1969 (893)
		-E128	121 15/16 (3097)	70 5/16 (1786)	84 (2134)	30 (762)	144 (3658)	108 (2743)	115 (2921)	2069 (938)
		-E81	121 15/16 (3097)	70 5/16 (1786)	102 (2591)	36 (914)	96 (2438)	132 (3353)	115 (2921)	1919 (870)
		-E101	121 15/16 (3097)	70 5/16 (1786)	102 (2591)	36 (914)	120 (3048)	132 (3353)	115 (2921)	2019 (916)
		-E121	121 15/16 (3097)	70 5/16 (1786)	102 (2591)	36 (914)	144 (3658)	132 (3353)	115 (2921)	2119 (961)

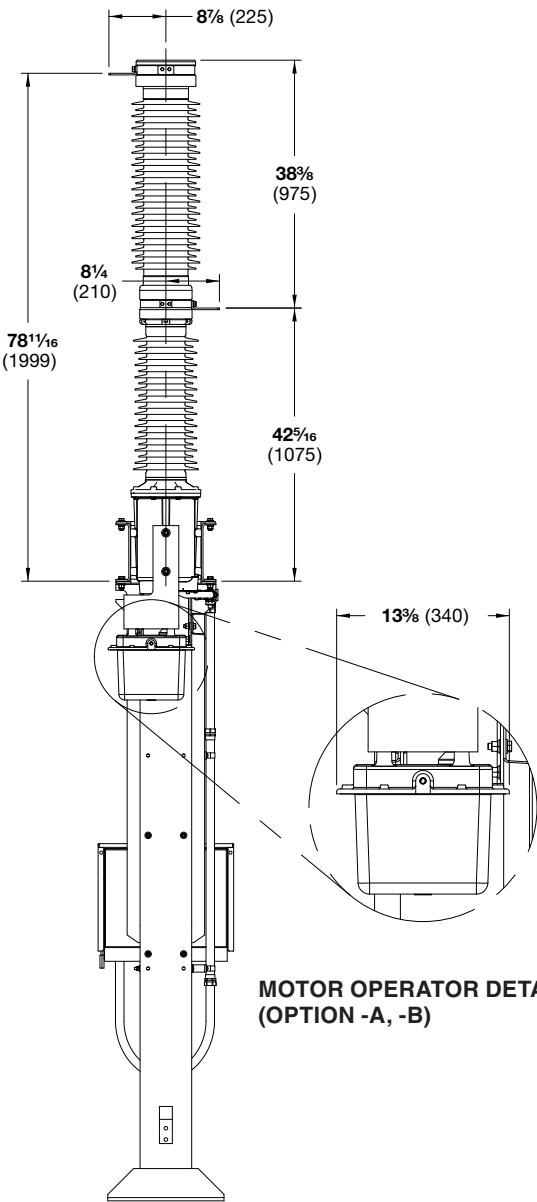
① The net weight includes both the mounting pedestals and the complete Trans-Rupter II Transformer Protector.

69 kV, 48-inch (1219-mm) phase spacing
Shown with optional motor operators



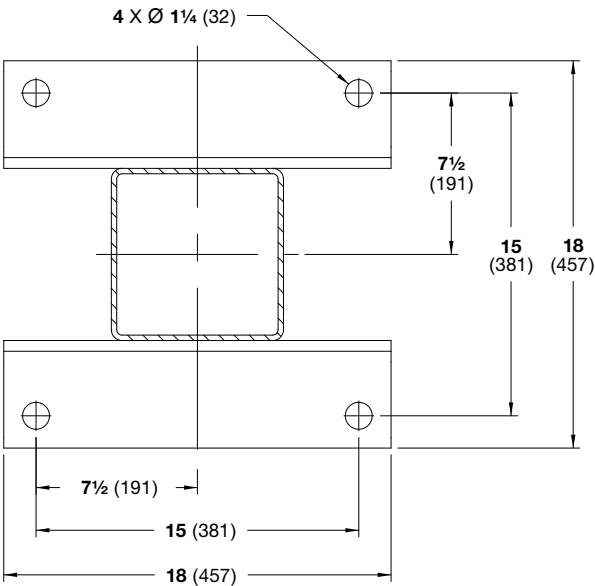
① The net weight includes both the mounting pedestals, and the complete Trans-Rupter II Transformer Protector and the optional motor operators.

Dimensions in inches (mm)



MOTOR OPERATOR DETAIL
(OPTION -A, -B)

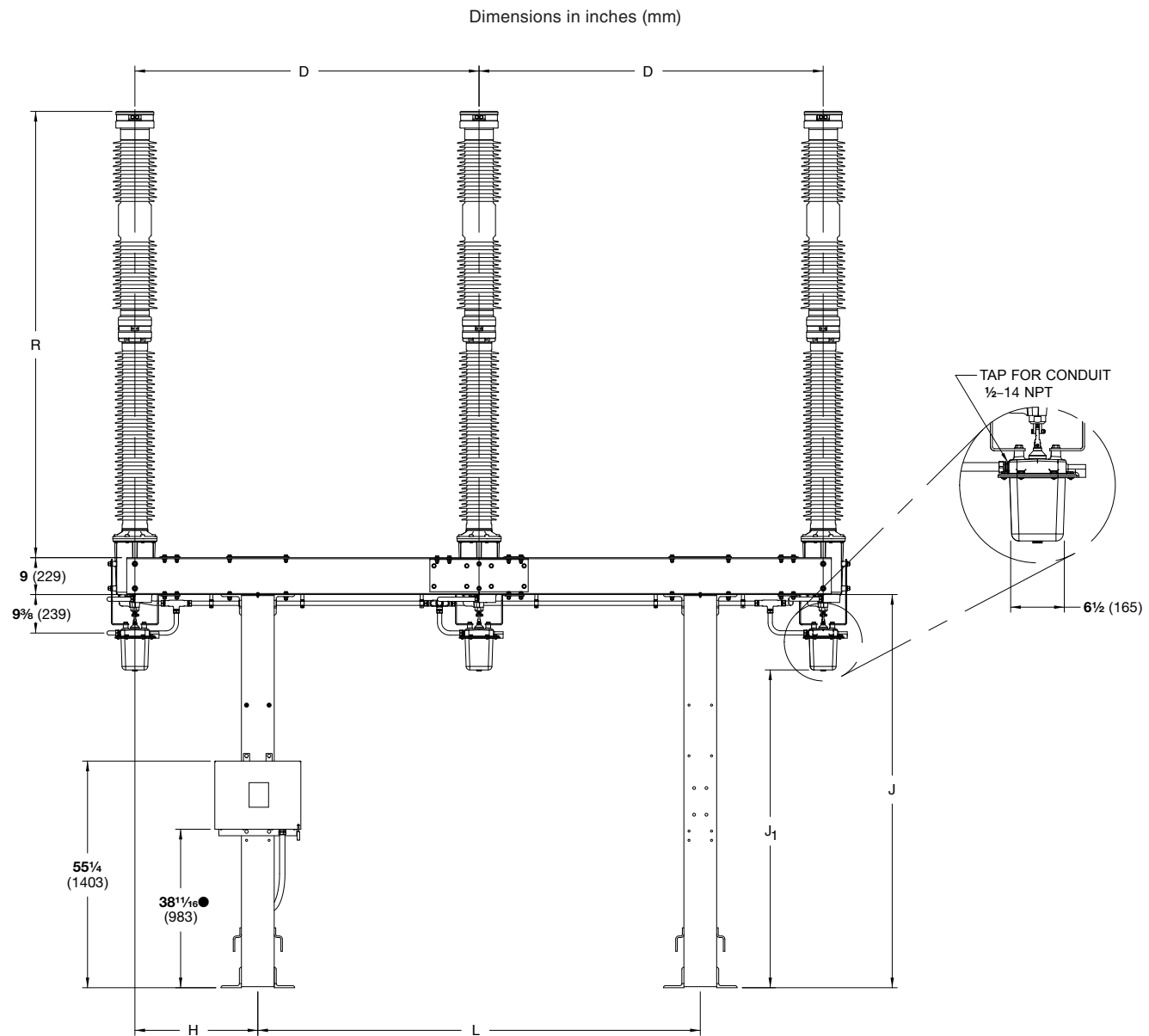
MOUNTING PEDESTAL BASE DETAIL



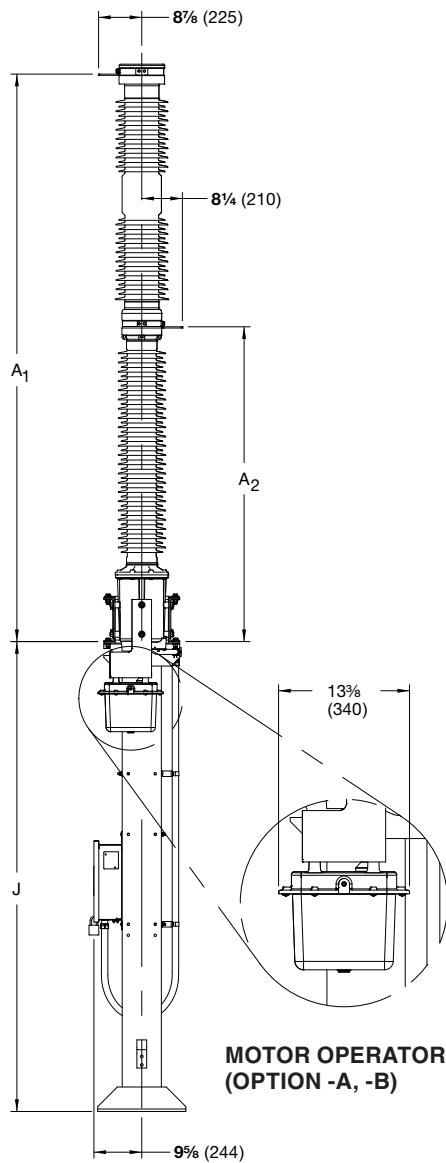
Trans-Rupter II® Transformer Protector

Mounting Pedestals

69 kV, 84-inch (2134-mm) phase spacing; 115 kV and 138 kV
Shown with optional motor operators

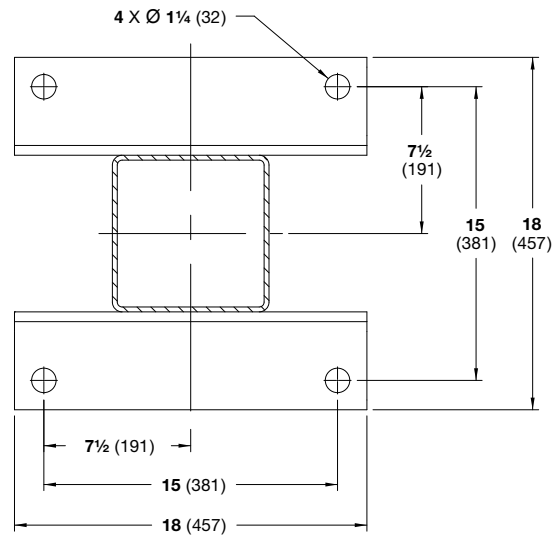


● Dimension from bottom of pedestal base to conduit entrance.



Dimensions in inches (mm)

MOUNTING PEDESTAL BASE DETAIL



Applicable to Trans-Rupter II Transformer Protectors		Suffix to be Added to Catalog Number	Dimensions in inches (mm)								Net Weight, Lbs. (kg)①
Rating, kV	Catalog Number		A ₁	A ₂	D	H	J	J ₁	L	R	
69	329116	-E88	78 11/16 (1999)	42 5/16 (1075)	84 (2134)	30 (762)	96 (2438)	77 (1956)	108 (2743)	71 3/4 (1822)	1710 (776)
		-E108	78 11/16 (1999)	42 5/16 (1075)	84 (2134)	30 (762)	120 (3048)	101 (2565)	108 (2743)	71 3/4 (1822)	1810 (821)
		-E128	78 11/16 (1999)	42 5/16 (1075)	84 (2134)	30 (762)	144 (3658)	125 (3175)	108 (2743)	71 3/4 (1822)	1910 (866)
115	329118	-E88	115 15/16 (2945)	64 5/16 (1634)	84 (2134)	30 (762)	96 (2438)	77 (1956)	108 (2743)	109 (2769)	1856 (842)
		-E108	115 15/16 (2945)	64 5/16 (1634)	84 (2134)	30 (762)	120 (3048)	101 (2565)	108 (2743)	109 (2769)	1956 (887)
		-E128	115 15/16 (2945)	64 5/16 (1634)	84 (2134)	30 (762)	144 (3658)	125 (3175)	108 (2743)	109 (2769)	2057 (933)
		-E81	115 15/16 (2945)	64 5/16 (1634)	102 (2591)	36 (914)	96 (2438)	77 (1956)	132 (3353)	109 (2769)	1906 (865)
		-E101	115 15/16 (2945)	64 5/16 (1634)	102 (2591)	36 (914)	120 (3048)	101 (2565)	132 (3353)	109 (2769)	2006 (910)
		-E121	115 15/16 (2945)	64 5/16 (1634)	102 (2591)	36 (914)	144 (3658)	125 (3175)	132 (3353)	109 (2769)	2106 (955)
138	329119	-E88	121 15/16 (3097)	70 5/16 (1786)	84 (2134)	30 (762)	96 (2438)	77 (1956)	108 (2743)	115 (2921)	1875 (850)
		-E108	121 15/16 (3097)	70 5/16 (1786)	84 (2134)	30 (762)	120 (3048)	101 (2565)	108 (2743)	115 (2921)	1975 (896)
		-E128	121 15/16 (3097)	70 5/16 (1786)	84 (2134)	30 (762)	144 (3658)	125 (3175)	108 (2743)	115 (2921)	2075 (941)
		-E81	121 15/16 (3097)	70 5/16 (1786)	102 (2591)	36 (914)	120 (3048)	77 (1956)	132 (3353)	115 (2921)	1925 (873)
		-E101	121 15/16 (3097)	70 5/16 (1786)	102 (2591)	36 (914)	120 (3048)	101 (2565)	132 (3353)	115 (2921)	2025 (919)
		-E121	121 15/16 (3097)	70 5/16 (1786)	102 (2591)	36 (914)	144 (3658)	125 (3175)	132 (3353)	115 (2921)	2125 (964)

① The net weight includes both the mounting pedestals, and the complete Trans-Rupter II Transformer Protector and the optional motor operators.