



MOLONEY ELECTRIC INC.



THREE PHASE POLE/PLATFORM TRANSFORMERS

Moloney Electric designs and manufactures a wide range of **Three Phase Pole/Platform Transformers** to suit virtually any application. This product sheet lists many of the standard features and benefits of our transformers, but for complete details regarding your specific requirements, please contact us or your local Moloney Electric representative.



FEATURES & BENEFITS

- ◆ **Simple Installation** - Direct-to-pole mounting eliminates the need for cluster mount brackets.
- ◆ **Savings on Installation Cost** - One lift can hang the transformer directly on the pole, with wires directly connected to bushings with no bus work between transformers.
- ◆ **Minimizes Height Requirement Limitations** - Rectangular tank offers a lower profile, reducing the need for taller poles.
- ◆ **Reduces Inventory Requirements** - Units can be pole or platform mounted, eliminating the need to stock two different types of transformers.
- ◆ **Optimal Performance** - Units feature a superior five-legged (four loop) wound core design.
- ◆ **Durable Construction** - Rectangular tanks, available in mild or stainless steel, are constructed as integral welded units, making them extremely rigid and sturdy. Powder coat paint finish meets "over 1500 hour salt spray test" in accordance with CSA Standard, and meets ANSI Standards for both normal and sea coast applications.
- ◆ **Maximum Security** - Tank cover is bolted, using high durometer neoprene gaskets and non-corrosive hardware.
- ◆ **Extensive Range** - Units available from 15 through 4000 kVA, up to 46 kV, 250 kV.
- ◆ **Enhanced Safety Options** - Numerous options are available to maximize safety, including low voltage breakers, primary fuse links and less flammable fluids such as RTemp™ and Envirotemp™.



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SUPERIOR DESIGN FLEXIBILITY

In order to provide you with transformers that are best suited to your needs, we offer one of the industry's most extensive ranges of options and custom design features:

- Various tank & bushing configurations, including termination boxes.
- Multiple voltage primaries or secondaries
- Transformers provided with or without taps.
- High voltage bushings available in cover-mounted & side-mounted styles suitable for live-front (porcelain) or dead-front applications. Dead-front bushing wells are also available with or without inserts and elbows.
- Low voltage bushings available in cover-mounted & side-mounted styles, complete with either spade or eyebolt connectors. Where the secondary is above 5 kV, dead-front bushing wells are available.
- H.V. epoxy moulded bushings and internal fault detectors.
- A wide choice of gauges and instrumentation is available, including pressure vacuum gauges, oil level gauges, thermometers, pressure relief devices, rapid pressure rise relays, and drain valves (with or without oil sampler). All gauges come with or without electrical contacts for trip or alarm use, depending on your specific requirements.

TYPICAL OUTLINE
OIL FILLED TRANSFORMER TYPE ONAN
KVA AS SPECIFIED, AT 65°C RISE 60 Hz 3 PHASE
FINISH ANSI #70 GREY LXTU 30X4

KVA	DIMENSIONS								OIL		TOTAL
	"A"	"B"	"C"	"D"	"E"	"F"	"G"	LITRES	kg		
30	35 894 mm	34 864 mm	25 635 mm	29 737 mm	17 432 mm	24 610 mm	12 305 mm	110	100	310	
45	40 1015 mm	38 965 mm	24 610 mm	33 838 mm	16 406 mm	28 711 mm	13 330 mm	140	125	450	
75	40 1015 mm	40 1015 mm	27 686 mm	34 864 mm	13 330 mm	28 711 mm	13 330 mm	175	158	570	
150	42 1067 mm	48 1219 mm	31 787 mm	43 1092 mm	23 584 mm	30 762 mm	15 381 mm	235	255	920	
225	58 1473 mm	55 1397 mm	38 965 mm	47 1184 mm	29 737 mm	42 1067 mm	15 381 mm	675	635	1320	

ITEM	QTY	DESCRIPTION
1	1	NAMEPLATE
2	1	UP-LR HANGER BRACKET
3	1	LOWER HANGER BRACKET
4	3	HV BUSH-4 PORC 18KV 21" CREEP OW CONNECTOR (#5-20)
6	4	LV BUSH 1.2KV SPADE TYPE
6	1	TAP SWITCH OW CWP WRENCH
7	1	PRESSURE RELIEF VALVE 5 PSI
8	4	LIFT LUGS
9	1	COVER TO TANK GROUND STRAP
10	2	H0 & X0 GROUND SPADE
11	1	X0 GROUND STRAP
12	1	TANK GROUND CONNECTOR (#8-20)
13	1	NON-PCU STICKLER
14	1	MANUFACTURER'S DUAL

Moloney Electric Vision Statement

To be recognized as a reliable supplier of transformers, whose committed team of knowledgeable employees consistently meets the expectations of our customers and shareholders

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