Lug Kit Information for QL Transformers

Frame Size	Typical Transformer Size	Primary Bus Bar Holes (Qty/Size)	Secondary Bus Bar Holes (Qty/Size)	Specified Lug Kit						
					Lug Size No.1			Lug Size No.2		
				Kit Number	Qty	Conductor Size	Stud Hole Size	Qty	Conductor Size	Stud Hole Size
YF171	1 ph - 15/25 kVA (2670/2671)	(2) .406 dia	(2) .406 dia	9T18Y7240G02[1]	8	6 AWG to 250 MCM	5/16	N/A	N/A	N/A
YF171	1 ph - 37.5 kVA (2672)	(2) .563 dia	(2) .563 dia							
YF172	1 ph - 50 kVA (2673)	(2) .563 dia	(2) .563 dia	9T18Y7241G03	4	6 AWG to 250 MCM	5/16	4	6 AWG to 350 MCM	3/8
YF174	1 ph - 75 kVA (2674)	(2) .563 dia	(2) .563 dia	9T18Y7240G03	12	6 AWG to 250 MCM	5/16	N/A	N/A	N/A
YF175	1 ph -100 kVA (2675)	(2) .563 dia	(2) .563 dia	9T18Y7242G07	12	6 AWG to 350 MCM	3/8	N/A	N/A	N/A
YF176	1 ph - 167 kVA (2676)	(4) .563 dia	(4) .563 dia	9T18Y7242G05	8	6 AWG to 350 MCM	3/8	12	4 AWG to 500 MCM	3/8
XV371	3 ph - 15 kVA (3871)	(2) .406 dia	(2) .406 dia	9T18Y7327[1]	7	14 AWG to 1/0 AWG	1/4	N/A	N/A	N/A
XV372/XV373	3 ph - 30/45 kVA (3872/3873)	(2) .406 dia	(2) .406 dia	9T18Y7240[1]	7	6 AWG to 250 MCM	5/16	N/A	N/A	N/A
XV374	3 ph - 75 kVA (3874)	(2) .406 dia	(2) .406 dia	9T18Y7241	3	6 AWG to 250 MCM	5/16	8	6 AWG to 350 MCM	3/8
XV375	3 ph - 112.5 kVA (3875)	(1) .563 dia	(2) .563 dia	9T18Y7242	11	6 AWG to 350 MCM	3/8	N/A	N/A	N/A
XV376	3 ph - 150 kVA (3876)	(1) .563 dia	(2) .563 dia	9T18Y7242G03	3	6 AWG to 350 MCM	3/8	8	4 AWG to 500 MCM	3/8
XV377	3 ph - 225 kVA (3877)	(2) .563 dia	(4) .563 dia	9T18Y7242G02	22	6 AWG to 350 MCM	3/8	N/A	N/A	N/A
XV378	3 ph - 300 kVA (3878)	(2) .563 dia	(4) .563 dia	9T18Y7242G04	6	6 AWG to 350 MCM	3/8	16	4 AWG to 500 MCM	3/8
XV379	3 ph - 500 kVA (3879)	(4) .563 dia	(6) .563 dia	9T18Y7242G06	9	6 AWG to 350 MCM	3/8	24	4 AWG to 500 MCM	3/8

[1]Proximity of bus bars would prohibit dual lugs per bus bar

TransforMore™ Disconnect Switch Lug Information

(TransforMore™ transformers are supplied with lugs on the primary side of the disconnect switch. This chart provides information on those lugs.)

Frame Size	Lug Part No.	Amps	Qty of Holes Per Lug	Qty of Lugs Per Phase	Primary Load Lugs					
					Lug Hole No.1		Lug Hole No.2		Lug Hole No.3	
					Dia (in.)	UL Certified Wire Sizes Cu-AL	Dia (in.)	UL Certified Wire Sizes Cu-AL	Dia (in.)	UL Certified Wire Sizes Cu-AL
FC77	TCAL43[2]	thru 400	2	1	0.922	2/0 - 600 Kcmil Cu or Al	0.609	6 - 250 Kcmil Cu or Al	N/A	N/A
FC78	TCAL63[3]	450-600	2	1	0.844	4/0-350 Kcmil Cu or 3/0-500 Kcmil Al	0.844	4/0-350 Kcmil Cu or 3/0-500 Kcmil Al	N/A	N/A
FC79	TCAL81[4]	700-1000	3	1	0.844	3/0-500 Kcmil Cu or Al	0.844	3/0-500 Kcmil Cu or Al	0.844	500 MCM
FC67	TCAL81[4]	700-1000	3	2	0.844	3/0-500 Kcmil Cu or Al	0.844	3/0-500 Kcmil Cu or Al	0.844	500 MCM
FC68	TCAL81[4]	700-1000	3	2	0.844	3/0-500 Kcmil Cu or Al	0.844	3/0-500 Kcmil Cu or Al	0.844	500 MCM

[2]May use twin 250 Kcmil Cu or Al.
[3]The TCAL43 lugs could be substituted for the TCAL63 lugs to give customer a 600 mcm hole.
[4]The TCAL124 lubs can be substituted for the TCAL81 lugs. TCAL124 = 3 holes at 350–750 Kcmil (1.055 dia) > some sizing differences.