

SECONDARY WIRE SIZING

OH TRANSFORMER KVA		1 ϕ 120/240 V 3 ϕ 120/208 V 3 ϕ 120/240 V		3 ϕ 277/480V		1 ϕ 480V	
SINGLE PHASE	THREE PHASE	AMPS	WIRE SIZE	AMPS	WIRE SIZE	AMPS	WIRE SIZE
5	15	42	2 AWG CU	18	2 AWG CU	10	2 AWG CU
15	45	125	2 AWG CU	54	2 AWG CU	31	2 AWG CU
25	75	208	2 AWG CU	90	2 AWG CU	52	2 AWG CU
37.5	112.5	313	4/0 AWG CU	135	2 AWG CU	78	2 AWG CU
50	150	417	4/0 AWG CU	181	2 AWG CU	104	2 AWG CU
75	225	625	500 MCM CU	271	4/0 AWG CU	156	2 AWG CU
100	300	833	2 X 4/0 AWG CU	361	4/0 AWG CU	208	2 AWG CU
167	500	1389	2 X 500 MCM CU	602	500 MCM CU	347	4/0 AWG CU

SECONDARY WIRE SCHEDULE

TDMIS ID	WIRE SIZE	WAM PART#	AMPACITY *
WPC3X	2 AWG CU	20097	230
WPC5X	4/0 AWG CU	78853	465
WPC6X	500 MCM CU	78854	785

*AMPACITY BASED ON CONDUCTOR TEMPERATURE OF 75°C;
AMBIENT TEMPERATURE OF 25°C; 2 FT./SEC. WIND IN SUN.