

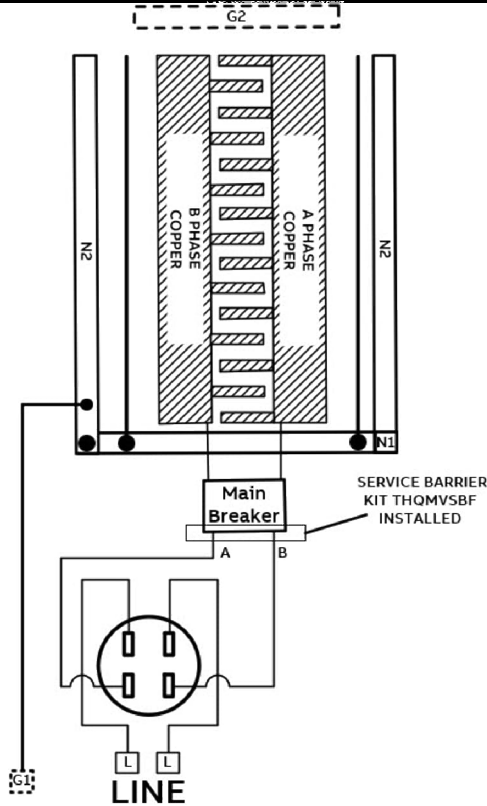


ReliaHome™

Meter Combo



ENCLOSED
PANELBOARD
ISSUE NO. C-3024



METER COMBO CAT NO. SURFACE TYPE : PCMS3020TRNUSR MOD 1

200 AMPS MAX. 120/240V AC
3 WIRES, 1 PHASE
TYPE 3R ENCLOSURE
METER SOCKET RATING: 200 AMPS CONTINUOUS
MAIN BUS IS RATED AT 225A
MAIN BREAKER: THQMV200FB

USE ONLY ABB TYPE BREAKERS :
THQL, THHQL, THQLT, THLQ

OVER CURRENT PROTECTION
IF BREAKER TRIPS, HANDLE WILL BE IN INTERMEDIATE
POSITION. TO RESTORE SERVICE;
1. MOVE HANDLE TO "OFF" POSITION
2. THEN TO "ON" POSITION

USE COPPER OR ALUMINIUM

USE 60 °C OR 75 °C AMPACITY SIZED WIRE ON LINE
NEUTRAL TERMINALS. SEE CIRCUIT BREAKERS FOR THEIR
TEMPERATURE RATING.

WIRE RANGE TABLE

CONNECTOR	COPPER		ALUMINIUM	
	SOLID	STRD	SOLID	STRD
NEUTRAL - N1	-	1 - 300	-	1 - 300
NEUTRAL - N2	14 - 10	14 - 4	12 - 10	12 - 4
LINE - L	-	1 - 300	-	2/0 - 300
GROUND - G1	-	1 - 300	-	1 - 300
GROUND - G2	14 - 10	14 - 4	12 - 10	12 - 4

SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.

MAXIMUM CONTINUOUS LOAD ON BRANCH CIRCUIT NOT TO
EXCEED 80 PERCENT OF THEIR RATING.

ADDITIONAL/REPLACEMENT DEVICE SHALL BE OF SAME
DESIGNATION AND OF EQUAL OR GREATER
INTERRUPTING RATING

100 AMPS MAX BRANCH BREAKER
200 AMPS MAXIMUM STAB RATING

FOR ADDITIONAL SERIES RATING INFORMATION REFER TO
DET008

BUILDING PAPER OR FLASHING IS TO BE OVER THE FRONT
OF FLANGE WHEN SEMI-FLUSH DEVICE IS INSTALLED

THIS DEVICE MEETS E.U.S.E.R.C. SPECIFICATIONS



DANGER

HAZARD OF ELECTRICAL SHOCK OR BURN.
TURN OFF POWER BEFORE WORKING INSIDE
THIS EQUIPMENT.

LUG TIGHTENING TORQUE (LB-IN)

SLOTTED SCREW		INTERNAL HEX SCREW	
AWG	TORQUE (LB-IN)	HEX SIZE	TORQUE (LB-IN)
14 - 10	32 - 35	3/16 ACROSS FLATS	108 - 120
8	36 - 40	1/4 ACROSS FLATS	180 - 200
6 - 4	41 - 45	5/16 ACROSS FLATS	248 - 275
3 - 2/0	45 - 50	-----	-----

ACCESSORIES

EQUIPMENT GROUND KITS	TGK32, TGK42
FRONT FILLER PLATES	1" WIDTH - TQLFP1

WARNING: TO AVOID ACCIDENTAL CONTACT WITH LIVE
PARTS, CLOSE ALL OPENINGS WITH BREAKERS OR FILLER
PLATES. THE CIRCUIT BREAKERS IN THIS BOX HAVE BEEN
SELECTED TO PROTECT THE WIRING TO AVOID DAMAGE
AND LOSS OF PROTECTION, DO NOT REPLACE WITH
HIGHER AMPERE RATED BREAKERS. FOR REPAIRS OR
ALTERATIONS, CALL AN ELECTRICAL CONTRACTOR OR
ELECTRICIAN.

RAINPROOF CONDUIT HUBS

WHEN CABINET HAS PROVISIONS FOR A CONDUIT HUB, SELECT FROM THE CHART BELOW.

DIAMETER (INCHES)	WHEN CABINET HAS PROVISIONS FOR A CONDUIT HUB, SELECT FROM THE CHART BELOW.								BUSHING PLATE	
	3/4	1	1 1/4	1 1/2	2	2 1/2	3	CAP	1 1/2	2
RAINTIGHT CAT.NO.	TC75	TC100	TC125	TC150	TC200	TC250	TC300	TCCP	TCCP15	TCCP20

THE SHORT CIRCUIT RATING OF THIS PANELBOARD IS EQUAL TO 22,000
RMS SYMMETRICAL AMPERES AT 240 V, SINGLE PHASE. WATT-HOUR
METER NOT INCLUDED IN SHORT-CIRCUIT RATING.

ABB INC., GREGSON DRIVE,
CARY, INC, U.S.A
SALXXXX@
COUNTRY OF ORIGIN : MEXICO
10096008P46 REV. A

INSTRUCTION SHEET
1TQC183000Z2401

