

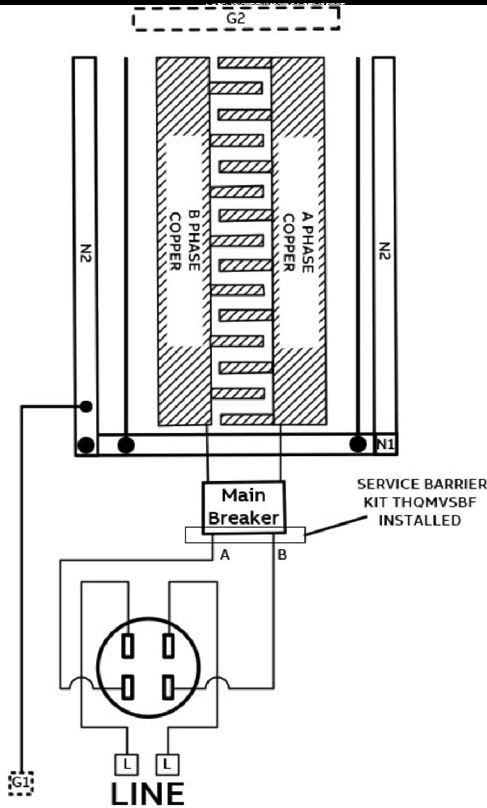


ReliaHome™

Meter Combo



ENCLOSED
PANELBOARD
ISSUE NO. C-3024



METER COMBO

CAT NO. SEMI-FLUSH TYPE : PCMS3020TRNUFR 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 WIRE	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
10096008P45 REV. A

INSTRUCTION SHEET
1TQC183000Z2401

