

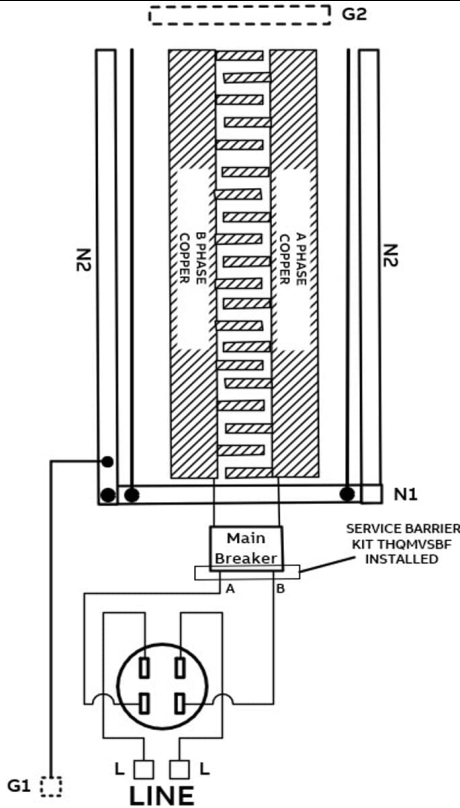


# ReliaHome™

## Meter Combo



ENCLOSED  
PANELBOARD  
ISSUE NO. C-3024



### METER COMBO

#### CAT NO. SEMI-FLUSH TYPE : PCMS4020TRNUFR 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  
10096008P43 REV. A

INSTRUCTION SHEET  
1TQC183000Z2401

