

Simply Better

- 100% Galvanized materials, offers better resistance to corrosion.
- All Metal parts and Busworks manufactured using state-of-the-art CNC Machines for accuracy & consistency.
- Painted finish using fully-conveyorized powder coating system.



SAFE & RELIABLE PANELBOARDS

powerbox®

**T - LINE PANELBOARD &
SLIM PANELBOARD**

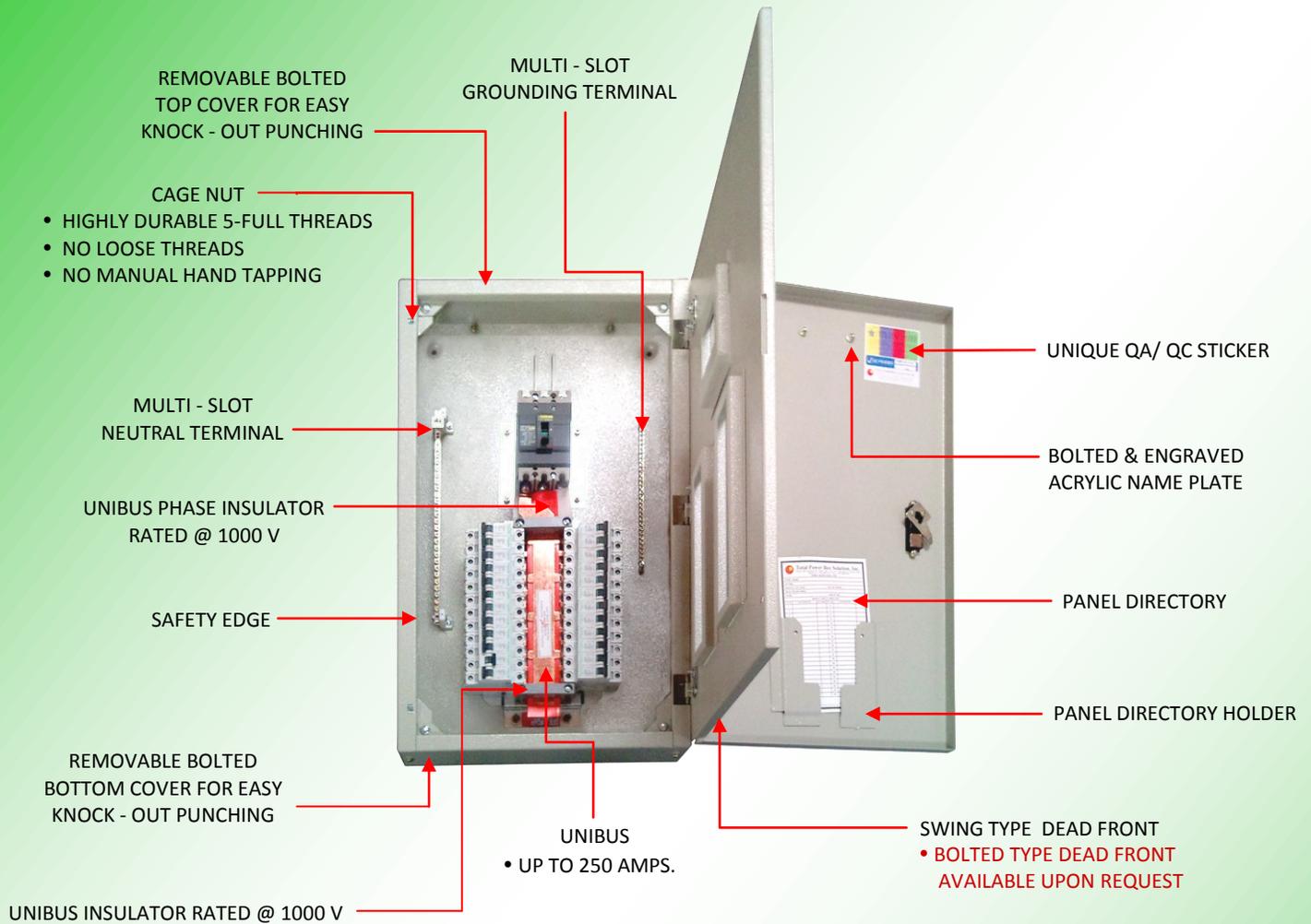


“RIGHT SOLUTION FOR YOUR COMPACT PANELBOARD REQUIREMENT”

“Giving full-life to your equipment”

powerbox[®]

T - LINE PANELBOARD

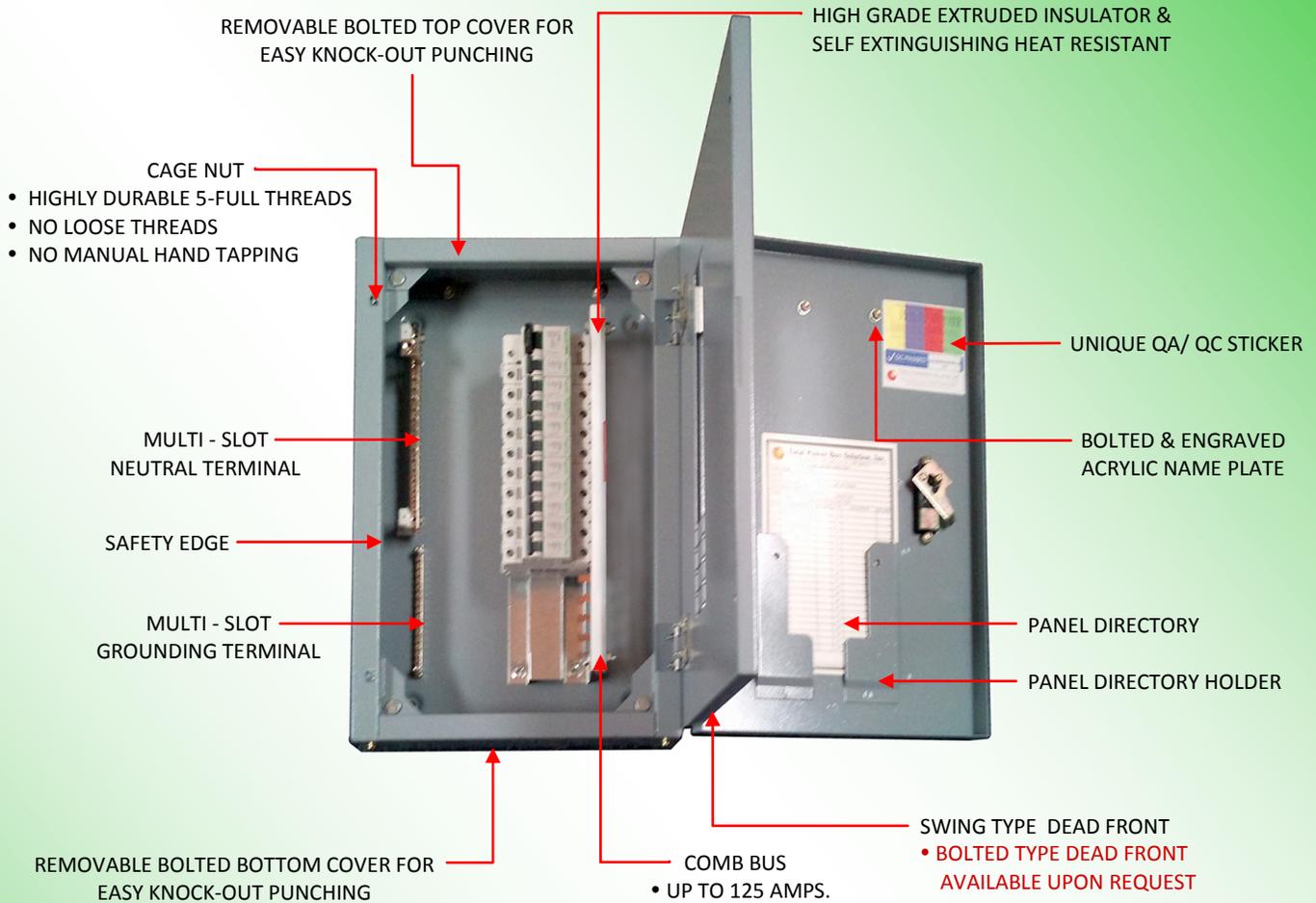


TECHNICAL SPECIFICATION

DEGREE OF PROTECTION	: IP41
RATED CURRENT	: Up to 250 Amps.
RATED OPERATIONAL VOLTAGE	: 230/ 400 VAC
SYSTEM COMPATIBILITY	: 1 Phase + N + G 3 Phase + N + G
CONDUCTOR MATERIALS	: Unibus - Copper Materials
MOUNTING TYPE	: Wall Mounted
ENCLOSURE MATERIAL	: 100% Galvanized Materials
SHEET METAL THICKNESS	: 1.2 mm
PAINT FINISH	: Powder coated finish w/ pure polyester paint
PAINT COATING THICKNESS	: 80 microns
PAINT TEXTURE	: Spotted / Smooth
COLOR	: RAL 9003 Beige / RAL 7035 Gray

"Giving full-life to your equipment"

powerbox[®] SLIM PANELBOARD



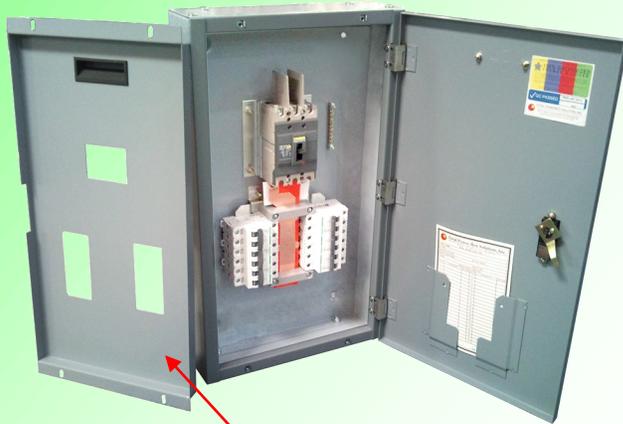
TECHNICAL SPECIFICATION

DEGREE OF PROTECTION	: IP41
RATED CURRENT	: Up to 125 Amps.
RATED OPERATIONAL VOLTAGE	: 230/ 400 VAC
SYSTEM COMPATIBILITY	: 1 Phase + N + G 3 Phase + N + G
CONDUCTOR MATERIALS	: Comb type busbar - Copper Materials
MOUNTING TYPE	: Wall Mounted
ENCLOSURE MATERIAL	: 100% Galvanized Materials
SHEET METAL THICKNESS	: 1.2 mm
PAINT FINISH	: Powder coated finish w/ pure polyester paint
PAINT COATING THICKNESS	: 80 microns
PAINT TEXTURE	: Spotted / Smooth
COLOR	: RAL 9003 Beige / RAL 7035 Gray



T - LINE PANELBOARD

Two types of dead front design



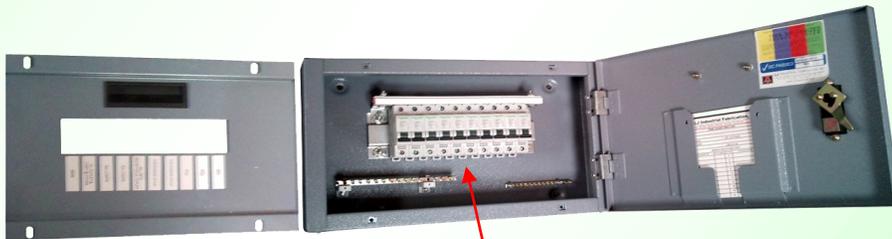
BOLTED TYPE DEAD FRONT



SWING TYPE DEAD FRONT

SLIM PANELBOARD

Two types of circuit breaker mounting



HORIZONTAL MOUNTED



VERTICAL MOUNTED



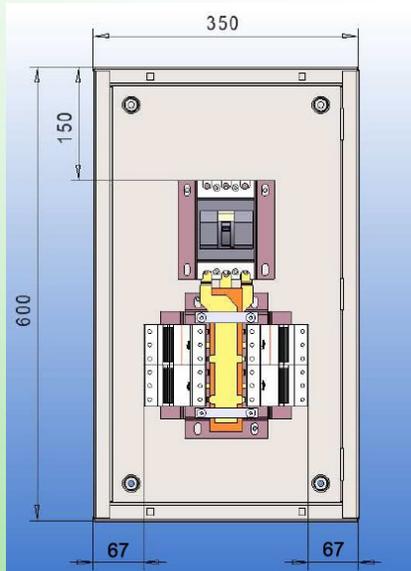
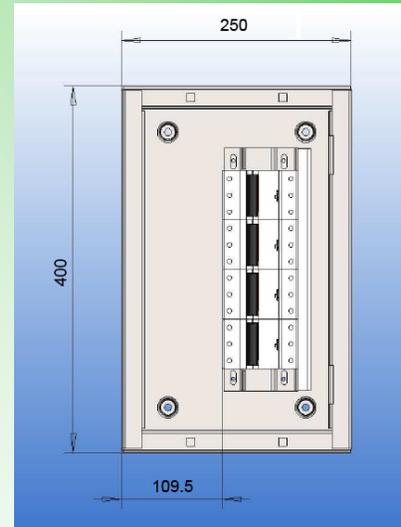
**IT'S EASY TO INSTALL/UNINSTALL
MCB'S IN JUST A FEW SECONDS.**



ENCLOSURE DIMENSIONS (mm)

SLIM PANEL

NO. OF 3 POLE WAYS	H	W	D
4 - Ways	400	250	100
8 - Ways	650	250	100
12 - Ways	850	250	100
16 - Ways	1050	250	100

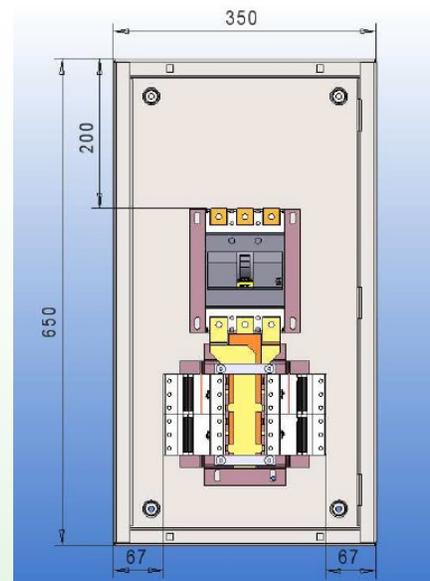


T - LINE PANEL

MAIN C.B: 100 AF	Dimensions (mm)		
NO. OF 3 POLE WAYS	H	W	D
4 - Ways	600	350	115
8 - Ways	700	350	115
12 - Ways	800	350	115
16 - Ways	900	350	115
18 - Ways	950	350	115
22 - Ways	1050	350	115

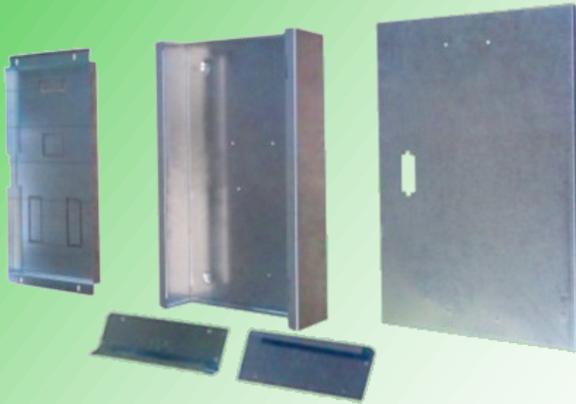
T - LINE PANEL

MAIN C.B: 250 AF	Dimensions (mm)		
NO. OF 3 POLE WAYS	H	W	D
4 - Ways	650	350	115
8 - Ways	750	350	115
12 - Ways	850	350	115
16 - Ways	950	350	115
18 - Ways	1050	350	115
22 - Ways	1150	350	115



Enclosure (100% Galvanized Steel Sheet)

GALVANIZED STEEL SHEET HAS A COATING OF ZINC AND ALUMINUM, COMBINING THE BEST PROPERTIES AND OFFERS BETTER RESISTANCE AGAINST RUST AND CORROSION, EVEN IN SALINE ENVIRONMENTS.



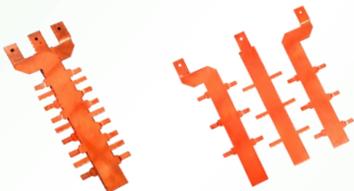
Powder Coating

POWERBOX FULLY-CONVEYORIZED POWDER COATING SYSTEM OFFERS AN ADVANCE METHOD OF APPLYING COAT AND PROTECTIVE FINISH TO ALL METAL PARTS. PURE POLYESTER POWDER PAINT IS ELECTROSTATICALLY SPRAYED ON THE METAL PARTS/SURFACE TO BE COATED. THE CHARGED POWDER PARTICLES ADHERE TO THE ELECTRICALLY GROUNDED METAL SURFACE, HEATED AT 200 °C IN THE CURING OVEN FOR AT LEAST 20 MINUTES, RESULTING IN A UNIFORM 80 MICRONS COATING THAT OFFERS HIGH RESISTANCE AGAINST ENVIRONMENTAL CORROSION AND ABRASION.



Conductor

UNIBUS



- UP TO 250 Amps.

COMB TYPE



- UP TO 125 Amps.

ONE PIECE BUSBAR, NO MORE INTERCONNECTION & NO MORE POTENTIAL HOTSPOT.

“GIVING FULL - LIFE TO YOUR EQUIPMENT”

iC60N (C-curve) Miniature Circuit Breaker 2A to 63A, "N" Version



iC60H (C-curve) Miniature Circuit Breaker 2A to 63A, "H" Version



iC120 N (C-curve) Miniature Circuit Breaker 80A to 125A, "N" version



Alternating current (AC) 50/60 Hz

Breaking capacity (Icu) according to IEC/EN 60947-2

Ph/Ph (2P, 3P, 4P)	Voltage (Ue)			
	12 to 133 V	220 to 240 V	380 to 415 V	440 V
Ph/N (1P, 1P+N)	12 to 60 V	100 to 133 V	220 to 240 V	-
Rating (In)	0.5 to 4 A	50 kA	50 kA	25 kA
	6 to 63 A	36 kA	20 kA	10 kA

Breaking capacity (Icn) according to IEC/EN 60898-1

Ph/Ph	Voltage (Ue)	
	400 V	230 V
Ph/N	230 V	6000 A
Rating (In)	0.5 to 63 A	6000 A

Rating (A)	1 Pole	2 Pole	3 Pole
	Catalog	Catalog	Catalog
2	A9F74102	A9F74202	A9F74302
3	A9F74103	A9F74203	A9F74303
4	A9F74104	A9F74204	A9F74304
6	A9F74106	A9F74206	A9F74306
10	A9F74110	A9F74210	A9F74310
16	A9F74116	A9F74216	A9F74316
20	A9F74120	A9F74220	A9F74320
25	A9F74125	A9F74225	A9F74325
32	A9F74132	A9F74232	A9F74332
40	A9F74140	A9F74240	A9F74340
50	A9F74150	A9F74250	A9F74350
63	A9F74163	A9F74263	A9F74363

Alternating current (AC) 50/60 Hz

Breaking capacity (Icu) according to IEC/EN 60947-2

Ph/Ph (2P, 3P, 4P)	Voltage (Ue)			
	12 to 133 V	220 to 240 V	380 to 415 V	440 V
Ph/N (1P, 1P+N)	12 to 60 V	100 to 133 V	220 to 240 V	-
Rating (In)	0.5 to 4 A	70 kA	70 kA	50 kA
	6 to 40 A	42 kA	30 kA	15 kA
	50/63 A	42 kA	-	15 kA

Breaking capacity (Icn) according to IEC/EN 60898-1

Ph/Ph	Voltage (Ue)	
	400 V	230 V
Ph/N	230 V	10000 A
Rating (In)	0.5 to 63 A	10000 A

Rating (A)	1 Pole	2 Pole	3 Pole
	Catalog	Catalog	Catalog
2	A9F84102	A9F84202	A9F84302
3	A9F84103	A9F84203	A9F84303
4	A9F84104	A9F84204	A9F84304
6	A9F84106	A9F84206	A9F84306
10	A9F84110	A9F84210	A9F84310
16	A9F84116	A9F84216	A9F84316
20	A9F84120	A9F84220	A9F84320
25	A9F84125	A9F84225	A9F84325
32	A9F84132	A9F84232	A9F84332
40	A9F84140	A9F84240	A9F84340
50	A9F84150	A9F84250	A9F84350
63	A9F84163	A9F84263	A9F84363

Alternating current (AC) 50/60 Hz

Breaking capacity (Icu) to IEC/EN 60947-2

Type	Voltage (V)			
	130 V	220 to 240 V	380 to 415 V	440 V
1P	130 V	220 to 240 V	380 to 415 V	440 V
Rating (In)	63 to 125 A	20 kA	10 kA	3 kA ⁽¹⁾
	2P/3P/4P	130 V	220 to 240 V	380 to 415 V
	63 to 125 A	-	20 kA	10 kA

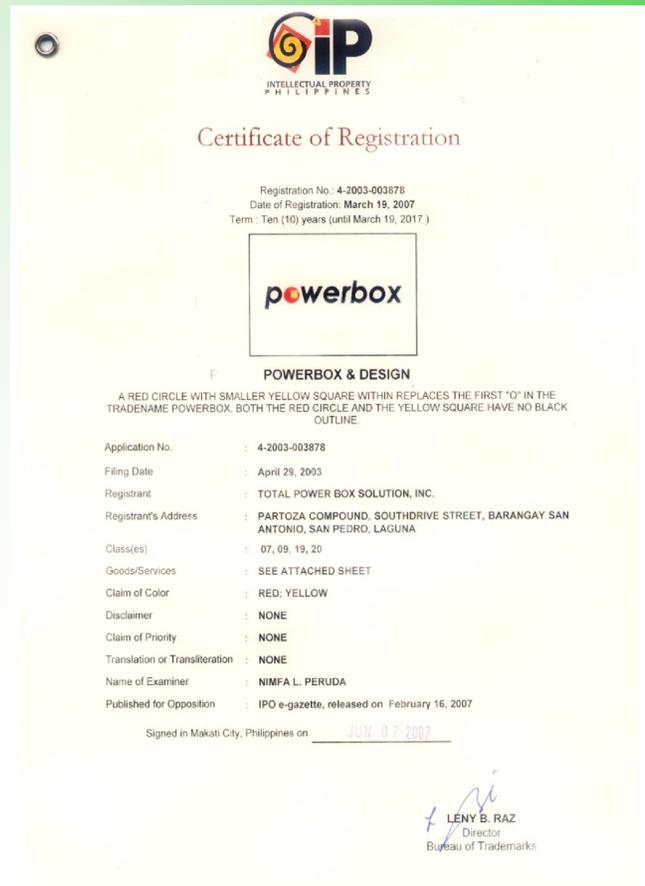
Breaking capacity (Icn) to IEC/EN 60898-1

Type	Voltage (V)	
	1P, 2P, 3P, 4P	230 to 400 V
Rating (In)	63 to 125 A	10000 A

⁽¹⁾ One-pole breaking capacity in IT isolated neutral system (double fault).

Rating (A)	1 Pole	2 Pole	3 Pole
	Catalog	Catalog	Catalog
80	A9N18357	A9N18361	A9N18365
100	A9N18358	A9N18362	A9N18367
125	A9N18359	A9N18363	A9N18369

powerbox[®] Certificate



Authorized Distributor :

Call us on our: _____

- Customer Care Service Hotline
Tel: (02) 806-9716
(046) 686-5446
- Technical Service Hotline
Mobile: 0922-874-5355
0922-811-8120
0922-812-3619

www.powerboxsolutions.com

The information contained herein is subject to change without prior notice due to continuing research and development.