



the standard in safety

Underwriters
Laboratories

File E242144

Vol 1

Issued: 2004-10-22

Revised: 2008-01-25

FOLLOW-UP SERVICE PROCEDURE
(TYPE R)

COMPONENT - PANELBOARD AND SWITCHBOARD ACCESSORIES
(QEUY2, QEUY8)

Manufacturer: ABB SPA ABB SACE DIV
(735198-001) VIA ITALIA 58
23846 GARBAGNATE MONASTERO LC ITALY

Applicant: SAME AS MANUFACTURER
(735198-001)

Recognized Company: SAME AS MANUFACTURER
(735198-001)

This Procedure authorizes the above manufacturer to use the marking specified by Underwriters Laboratories Inc. (UL), or any authorized licensee of UL, only on products covered by this Procedure, in accordance with the applicable UL Services Agreement.

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Underwriters Laboratories Inc.

Stephen Hewson
Senior Vice President
Global Follow-Up Service Operations

William R. Carney
Director
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Model	Section	Report Date	Approvals
Panelboard interiors Part Nos. 625T1PU3, 640T1PU3, 625T2PU3, 640T2PU3, 625T3PU3, 640T3PU3, 1025T1PU3, 1040T1PU3, 1025T2PU3, 1040T2PU3, 1025T3PU3, 1040T3PU3, 660T3PU3, 680T3PU3, 1060T1PU3, 1060T2PU3, 1060T3PU3, 1080T3PU3, 6W225A, 10W400A, 6W4P800A.			
Plug-In Breaker Units without Breakers Part Nos. PLT13PT, PLT23PT, PLT33PT, PLT43PT, PLT53PT, PLT11L1/L3T, PLT11L2T.			
Plug-In Breaker Units + Breakers Part Nos. PLT13PT followed by ampere rating 15 thru 100, PLT23PT followed by ampere rating 15 thru 100, PLT33PT followed by ampere rating 60 thru 225, PLT43PT followed by ampere rating 15 thru 250, PLT53PT followed by ampere rating 300 thru 400, PLT11L1/L3T followed by ampere rating 15 thru 100, PLT11L2T followed by ampere rating 15 thru 100.	1	2004-11-18	B
Accessories Part Nos. MODT1, MODT2, MODT3, SH630, MODT4, MODT5.			

Approval Abbreviation:

- A - Evaluated to United States Standards Only - Recognized
- B - Evaluated to United States and Canadian National Standards - Recognized
- C - Evaluated to Canadian National Standards Only - Recognized

GENERAL

PRODUCT COVERED:

USR - Component - Panelboard and Switchboard Accessories.

CNR - Component - Panelboard and Switchboard Accessories - Certified for Canada.

USR - Indicates investigated to United States Standard for Panelboards, UL 67 (Eleventh Edition)

CNR - Indicates investigated to Canadian National Standard for Panelboards and Enclosed Panelboards, C22.2 No.29.

MARKING:

Any marking that is required to be permanent shall be molded, die-stamped, stencil-printed, laser-etch printed, stamped or etched metal that is permanently secured, or indelibly stamped lettering on a pressure-sensitive label secured by adhesive.

If directly printed by the manufacturer, the Marking and Labeling shall be R/C Printing Materials (PGJI2).

If the complete labels are externally provided, the external supplier shall use R/C Marking and Labeling Systems (PGDQ2).

DESCRIPTION

PRODUCT COVERED

Component - Panelboard interiors and accessories (QEUY2/QEUY8)

- ArTu PB Series

Panelboard Interiors	
Cat. No.	Description
625T1PU3	250A Busbar system for 6 positions max of (a)(h) Plug-In Breaker Units
640T1PU3	400A Busbar system for 6 positions max of (a)(h) Plug-In Breaker Units
625T2PU3	250A Busbar system for 6 positions max of (b) Plug-In Breaker Units
640T2PU3	400A Busbar system for 6 positions max of (b) Plug-In Breaker Units
625T3PU3	250A Busbar system for 6 positions max of (c) Plug-In Breaker Units
640T3PU3	400A Busbar system for 6 positions max of (c) Plug-In Breaker Units
1025T1PU3	250A Busbar system for 10 positions max of (a)(h) Plug-In Breaker Units
1040T1PU3	400A Busbar system for 10 positions max of (a)(h) Plug-In Breaker Units
1025T2PU3	250A Busbar system for 10 positions max of (b) Plug-In Breaker Units
1040T2PU3	400A Busbar system for 10 positions max of (b) Plug-In Breaker Units
1025T3PU3	250A Busbar system for 10 positions max of (c) Plug-In Breaker Units
1040T3PU3	400A Busbar system for 10 positions max of (c) Plug-In Breaker Units
660T3PU3	600A Busbar system for 6 positions max of (c) Plug-In Breaker Units
680T3PU3	800A Busbar system for 6 positions max of (c) Plug-In Breaker Units
1060T1PU3	600A Busbar system for 10 positions max of (a)(h) Plug-In Breaker Units
1060T2PU3	600A Busbar system for 10 positions max of (b) Plug-In Breaker Units
1060T3PU3	600A Busbar system for 10 positions max of (c) Plug-In Breaker Units
1080T3PU3	800A Busbar system for 10 positions max of (c) Plug-In Breaker Units
6W225A	400A Busbar system for 6 positions max of (a)(b)(c)(h) Plug-In Breaker Units
10W400A	800A Busbar system for 10 positions max of (a)(b)(c)(f)(g)(h) Plug-In Breaker Units
6W4P800A	800A Busbar system for 10 positions max of (a)(b)(c)(f)(g)(h) Plug-In Breaker Units

- (a) PLT13PT series plug-in units without breakers or with bkrs
- (b) PLT23PT series plug-in units without breakers or with bkrs
- (c) PLT33PT series plug-in units without breakers or with bkrs
- (f) PLT43PT series plug-in units without breakers or with bkrs
- (g) PLT53PT series plug-in units without breakers or with bkrs
- (h) PLT11L1/L3T or PLT11L2T series plug-in units without breakers or with bkrs

Plug-In Breaker Units without Breakers	
Part Number	Description
PLT13PT	T1 three pole plug-in device
PLT23PT	T2 three pole plug-in device
PLT33PT	T3 three pole plug-in device
PLT43PT	T4 three pole plug-in device
PLT53PT	T5 three pole plug-in device
PLT11L1/L3T	T1 single pole plug-in devices L1 & L3
PLT11L2T	T1 single pole plug-in devices L2

Plug-In Breaker Units + Breakers	
Part Number	Description
PLT13PT + (@)	T1 three pole plug-in device + breakers
PLT23PT + (@)	T2 three pole plug-in device + breakers
PLT33PT + (@@)	T3 three pole plug-in device + breakers
PLT43PT + (@@@)	T4 three pole plug-in device + breakers
PLT53PT + (@@@@)	T5 three pole plug-in device + breakers
PLT11L1/L3T + (@)	T1 single pole plug-in devices L1 & L3 + breakers
PLT11L2T + (@)	T1 single pole plug-in devices L2 + breakers

(@) followed by ampere rating 15 thru 100

(@@) followed by ampere rating 60 thru 225

(@@@) followed by ampere rating 15 thru 250

(@@@@) followed by ampere rating 300 thru 400

Accessories	
Part Number	Description
MODT1	T1 busbar shroud
MODT2	T2 busbar shroud
MODT3	T3 busbar shroud
SH630	Main busbar shroud
MODT4	T4 busbar shroud
MODT5	T5 busbar shroud

GENERAL

The interiors covered in this section are intended to mount and provide electrical connections for circuit breakers (see Fig 1).

The ArTu PB Panelboard series are suitable for applications up to 800A, as incoming current, with outgoing ways up to 400A. The ArTu PB Panelboard is available in two configurations of 6 and 10 outgoing ways.

* The new system allows fitting **T1 single pole MCCB and T1, T2, T3, T4, T5** three poles MCCB using the plug-in devices. The plug-in devices allow the connecting of the circuit breakers. The dimension in width of the plug-in breaker unit is equivalent to the 3 poles CB width and to the 1 pole CB width for the **Tmax T1 single pole CB plug-in breaker unit**. It is possible to mount equal CBs on the left and on the right side of the main busbar system (see Fig 2).

The empty sites can be filled in with a specific cover to insulate the active parts (see Fig 3).

The main busbar system is mounted in vertical position and the nominal busbar rating (I_n) and short-time withstand current (I_{cw}) is:
- flat busbars (see Fig 4)

$I_n = 250 / 400 \text{ A}$ $I_{cw} = 35 \text{ kA}$

- "L" profiled busbar (see Fig 5)

$I_n = 600 / 800 \text{ A}$ $I_{cw} = 50 \text{ kA}$

Universal busbar holder (see Fig 6) for:

$I_n = 250 / 400 \text{ A}$

$I_n = 600 / 800 \text{ A}$

MARKING:

Refer to Section General for more details and Canadian UL Mark.

Each interiors covered is marked with the Recognized Component's name or trademark and catalogue number.

RATINGS

PANELBOARD INTERIORS

Cat. No.	Panelboard Rating			HIC Rating		Plug-in Units		Min Enclosure
	Amps	Volts	Phases	Volts	kA	Positions	Type	Size
625T1PU3	250A	480Vac	3PH	480Vac	35kA max	6 positions	(a) (h)	(d)
640T1PU3	400A	480Vac	3PH	480Vac	35kA max	6 positions	(a) (h)	(d)
625T2PU3	250A	480Vac	3PH	480Vac	35kA max	6 positions	(b)	(d)
640T2PU3	400A	480Vac	3PH	480Vac	35kA max	6 positions	(b)	(d)
625T3PU3	250A	480Vac	3PH	480Vac	35kA max	6 positions	(c)	(e)
640T3PU3	400A	480Vac	3PH	480Vac	35kA max	6 positions	(c)	(e)
1025T1PU3	250A	480Vac	3PH	480Vac	35kA max	10 positions	(a) (h)	(d)
1040T1PU3	400A	480Vac	3PH	480Vac	35kA max	10 positions	(a) (h)	(d)
1025T2PU3	250A	480Vac	3PH	480Vac	35kA max	10 positions	(b)	(d)
1040T2PU3	400A	480Vac	3PH	480Vac	35kA max	10 positions	(b)	(d)
1025T3PU3	250A	480Vac	3PH	480Vac	35kA max	10 positions	(c)	(e)
1040T3PU3	400A	480Vac	3PH	480Vac	35kA max	10 positions	(c)	(e)
660T3PU3	600A	480Vac	3PH	480Vac	50kA max	6 positions	(c)	(e)
680T3PU3	800A	480Vac	3PH	480Vac	50kA max	6 positions	(c)	(e)
1060T1PU3	600A	480Vac	3PH	480Vac	50kA max	10 positions	(a) (h)	(d)
1060T2PU3	600A	480Vac	3PH	480Vac	50kA max	10 positions	(b)	(d)
1060T3PU3	600A	480Vac	3PH	480Vac	50kA max	10 positions	(c)	(e)
1080T3PU3	800A	480Vac	3PH	480Vac	50kA max	10 positions	(c)	(e)
6W225A	400A	480Vac	3PH	480Vac	35kA max	6 positions	(a) (b) (c) (h)	(d)
10W400A	800A	480Vac	3PH	480Vac	150kA max 240Vac 200kA max	10 positions	(a) (b) (c) (f) (g) (h)	(i)
6W4P800A	800A	480Vac	3PH	480Vac	150kA max 240Vac 200kA max	10 positions	(a) (b) (c) (f) (g) (h)	(i)

- (a) PLT13PT series plug-in units without breakers or with bkrs
 (b) PLT23PT series plug-in units without breakers or with bkrs
 (c) PLT33PT series plug-in units without breakers or with bkrs
 (d) 1050x690x205 mm
 (e) 1250x690x205 mm
 (f) PLT43PT series plug-in units without breakers or with bkrs
 (g) PLT53PT series plug-in units without breakers or with bkrs
 (h) PLT11L1/L3T or PLT11L2T series plug-in units without breakers or with bkrs
 (i) 1450x890x240

NOTE: The Panelboard rating is also limited by the HIC rating of the devices installed (see table below).

PLUG-IN UNITS WITHOUT BREAKERS:

General - The plug-in unit ratings are based on the circuit breakers used.

Cat. No.	Bkr Type		HIC Rating		
	Cat. No.	Poles	Amps	240Vac	480Vac
PLT13PT	T1N	3P	15A	35kA	14kA (1)
	T1N	3P	20-100A	50kA	22kA
PLT23PT	T2S	3P	15-100A	65kA	35kA
	T2H	3P	15-100A	100kA	65kA
PLT33PT	T3N	3P	60-225A	50kA	25kA
	T3H	3P	60-225A	65kA	35kA
PLT43PT	T4N	3P	15-250A	65kA	25kA
	T4S	3P	15-250A	100kA	35kA
	T4H	3P	15-250A	150kA	65kA
	T4L	3P	15-250A	200kA	100kA
	T4V	3P	15-250A	200kA	150kA
	T5N	3P	300-400A	65kA	25kA
PLT53PT	T5S	3P	300-400A	100kA	35kA
	T5H	3P	300-400A	150kA	65kA
	T5L	3P	300-400A	200kA	100kA
	T5V	3P	300-400A	200kA	150kA
PLT11L1/L3T	T1B	1P	15A	10kA (2)	-
	T1B	1P	20-100A	18kA (2)	-
PLT11L2T	T1B	1P	15A	10kA (2)	-
	T1B	1P	20-100A	18kA (2)	-

(1) at 480Y/277 Vac

(2) at 277 Vac

*

PLUG-IN UNITS WITH BREAKERS:

Cat. No.	Bkr Type			HIC Rating	
	Cat. No.	Poles	Amps	240Vac	480Vac
PLT13PT + (@)	T1N	3P	15A	35kA	14kA (1)
	T1N	3P	20-100A	50kA	22kA
PLT23PT + (@)	T2S	3P	15-100A	65kA	35kA
	T2H	3P	15-100A	100kA	65kA
PLT33PT + (@@)	T3N	3P	60-225A	50kA	25kA
	T3S	3P	60-225A	65kA	35kA
PLT43PT + (@@@)	T4N	3P	15-250A	65kA	25kA
	T4S	3P	15-250A	100kA	35kA
	T4H	3P	15-250A	150kA	65kA
	T4L	3P	15-250A	200kA	100kA
	T4V	3P	15-250A	200kA	150kA
PLT53PT (@@@@)	T5N	3P	300-400A	65kA	25kA
	T5S	3P	300-400A	100kA	35kA
	T5H	3P	300-400A	150kA	65kA
	T5L	3P	300-400A	200kA	100kA
	T5V	3P	300-400A	200kA	150kA
PLT11L1/L3T (@)	T1B	1P	15A	10kA (2)	
	T1B	1P	20-100A	18kA (2)	
PLT11L2T (@)	T1B	1P	15A	10kA (2)	
	T1B	1P	20-100A	18kA (2)	

(1) at 480Y/277 Vac

(2) at 277 Vac

(@) followed by ampere rating 15 thru 100

(@@) followed by ampere rating 60 thru 225

(@@@) followed by ampere rating 15 thru 250

(@@@@) followed by ampere rating 300 thru 400