

NOTE 1. THE MATING PARTNER OF THIS PRODUCT IS PS3-2US/12S/16S-FA(CL236-1079-0-00).

2 DRAWING CONTACT No. ARE CORRESPONDING TO CONTACT No. OF PS3-2US/125/165 FA CONTACT NO. OF GT8E ARE DIFFERENT FROM THE CONTACT OF DRAWINGS. (REFFER NOTES No. 4) CONTACT No. OF GT8E REFFERS TO TABLE 1.

3 DRAWING CONTACT No. ARE CORRESPONDING TO CONTACT No. OF PS3-2US/12S/16S-FA. CONTACT NO. OF GT8E ARE DIFFERENT FROM THE CONTACT OF DRAWINGS. (REFFER NOTES No. 4) CONTACT No. OF GT8E REFFERS TO TABLE 2.

TABLE 1 CONVERSION TABLE OF GT8E-16DS-HU CONATACT No. AND DRAWING CONTACT No.

DRAWING CONTACT No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GT8E-16DS-HU CONTACT No.	10	9	8	7	6	5	4	3	2	1	16	15	14	13	12	11

TABLE 2 CONVERSION TABLE OF GT8F-12DS-HU CONATACT No. AND DRAWING CONTACT No.

DRAWING CONTACT No.	1	2	3	4	5	6	7	8	9	10	11	12
GT8E-12DS-HU CONTACT No.	8	7	6	5	4	3	2	1	12	11	10	9

4>PLEASE USE GT8E BELLOW TO SIGNAL CH OF THIS PRODUCT.

SIGNAL	CN1	GT8E-16DS-HU
SIGNAL	CN2	GT8E-12DS-HU

PLEASE PULL GT8E OUT BY HOLDING DOWN THE LOCK PORTION WHEN EXTRACTION GT8E. PLEASE USE GT8E-2022SCF(01) (GOLD PLATING) CRIMP TERMINAL OF GT8E.

- 5 > PLEASE SET THE DISTANCE BETWEEN PANELS AS 24.7 TO 28.7 mm.
- 6 THE TIGHTINING TORQUE FOR THE SCREW ATTACHED WITH REF NO. 3 IS 2.5 TO 5.2 N·m. THE RECOMMENDED SCREW AND CRIMP TERMINAL IS AS FOLLOWS.
  - PRECCOMEDNED SCREW: JIS B 1188 SPRING WASHER + CROSS RECESSED PAN HEAD SCREW WITH CAPTIVE POLISHED CIRCULAR WASHER M6  $\times$  12

-RECOMMENDED CRIMP TERMINAL

CABLE 14sq : JIS C 2805 R14-6 CABLE 22sq : JIS C 2805 R22-6

CABLE 38sq : MANUFACTURED BY NICHIFU CO., LTD R38-6S CABLE 50sq : MANUFACTURED BY NICHIFU CO., LTD R60-6S

- 7 THE SCREW USED TO ATTACH THE PANEL IS M6. THE TIGHTNING TORQUE FOR SCREW IS 2.5 TO 5.2 N·m.
- 8 SINCE THE POWER CONTACTS ARE SILVER PLATED, THEY MAY REACT WITH SULFIDE IN THE ATOMOSPHER TO CHANGE THE COLOUR TO BLACKISH BROWN.
- 9. THE SALES UNIT OF THIS PRODUCT IS THE CARTON (40 PIECES)
- 10>THIS ITEM IS PLANNING TO BE APPROVED BY SASFETY STANDARD(UL, C-UL, TUV STANDARD). WHEN USING PANEL 1 OF FIGURE 1, THE CONDITION IN TABLE 3 AND TABLE 4 ARE ELIGIBLE TO APPLY THEM.

WHEN USING PANEL 2 OF FIGURE 2. THE CONDITION IN TABLE 5 ARE ELIGIBLE TO APPLY THEM.

SAFETY STANDARD IS DEFERRENT UP TO THE APPLIED RATED VOLTAGE AND CURRENT PLEASE SEE THE ABOVE CONDITIONS.

11. THE POWER CONTACT OF THIES PRODUCT IS NOT APPLICABLE FOR HOT-SWAP. IT CAN NOT BE USED TO INTERRUPT THE POWER.

CL236-1080-0-00	$\frac{2}{3}$
PS3-2UP/12P/16P-FA	
DRAWING EDC-129146-00-00	

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## 10 CONDITION OF SAFETY STANDARD(UL, C-UL, TUV STANDARD)

10>FIG1. RECOMMENDED PANEL 1 CUTOUT 193.  $5 \pm 0.2$ 88. 45 +1 36.45  $_{-1}^{0}$ 10.4  $2 \times M6 \times 1$ 45.8 +1 29 +1 0 52.05 +0.5 50.05 +0.5 9.15 82.4 +0.5 75.9  $^{+0.5}_{0}$ 

TABLE 3. III. C-III CONDITION

TRUEL OF OLFO OF CONDITION	1	
	CONDITION 1	CONDITION 2
CURRENT VOLTAGE(AC/DC)	600	V
CURRENT RATING	100A	150A
CABLE	14 TO 22sq(※1)	38 TO 50sq( <b>%</b> 1)
CREEPAGE DISTANCE(%2)	MIN:3	. 2mm
CLEARANCE DISTANCE(※2)	MIN:3	. 2mm

TABLE 4. TUV CONDITON

	CONDIT <b>ION</b> I	CONDITION II			
CURRENT VOLTAGE(AC/DC)	8000	600V			
	100ACCABLE 14	1 TO 22sq <b>※</b> 1)			
CURRENT RATING	125A(CABLE 38sq ※1)				
-21	150A(CABLE 50				
OVER VOLTAGE CATEGORY	II	Ш			
POLLUTION DEGREE	3	}			
CREEPAGE DISTANCE(※2)	MIN:12.6mm	MIN:12.6mm			
CLEARANCE DISTANCE(%2)	MIN:6mm	MIN:6mm			
INSULATION SYSTEM	BASIC INSULAT	ION			
	(PANEL HAS TH	IE EARTH)			

**※**CORNER R : 1mm max.

PANEL THICKNESS : 3mm max.

№1: AS SCREWS AND CRIMP TERMINAL ATTACHED WITH POWER CONTACT HAVE AN IMPACT ON THE CREEPAGE DISTANCE AND THE CLEARANCE DISTANCE, PLEASE USE RECOMMENDED SCREWS AND CRIMP TERMINALS. IN CASE YOU USE CABLES OTHER THAN FOLLOWING RECOMMENDED SCREWS AND CONTACTS. PLEASE BE CAREFUL THAT THE CREEPAGE DISTANCE AND THE CLEARANCE DISTANCE MEET THE STANDARD OF UL, C-UL, TUV.

№2: THE COVERAGE OF THE CREEPAGE DISTANCE AND THE CLEARANCE DISTANCE IS AS FOLLOWS.

- -BETWEEN CRIMP TERMINALS
- -BETWEEN POWER CONTACT AND PANEL
- -BETWEEN CRIMP TERMINAL AND PANEL
- -BETWEEN SCREWS (ATTACEHD WITH POWER CONTACT) AND PANEL

10> FIG2. RECOMMENDED PANEL 2 CUTOUT

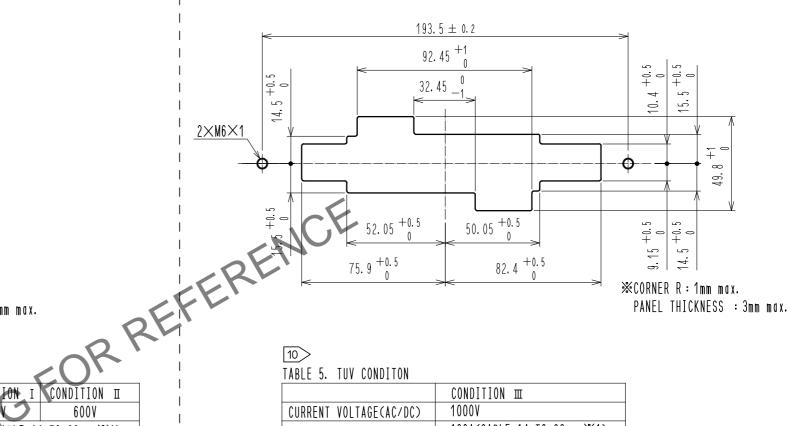


TABLE 5. TUV CONDITON

	CONDITION III
CURRENT VOLTAGE(AC/DC)	1000V
	100A(CABLE 14 TO 22sq ※1)
CURRENT RATING	125A(CABLE 38sq ※1)
	150A(CABLE 50sq ※1)
OVER VOLTAGE CATEGORY	Ш
POLLUTION DEGREE	3
CREEPAGE DISTANCE(※2)	MIN:16mm
CLEARANCE DISTANCE(%2)	MIN:8mm
INSULATION SYSTEM	BASIC INSULATION
	(PANEL HAS THE EARTH)

	DRAWING NO.	EDC-129146-00-00	1
ਮਿਲ	PART NO.	PS3-2UP/12P/16P-	FΑ
	CODE NO.	CL236-1080-0-00	3/3

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