

FIGURE OF MOUNTING STATE

GT8E-2022SCF(O1) + HARNESS 4

PS3-2UP/12P/16P

PANEL OF SYSTEM

PS3-2US/12S/16S

CONNECTS OF THE BATTERY CONTACTS

NOTE 1. THE MATING PARTNER OF THIS PRODUCT IS PS3-2US/12S/16S(CL236-1043-5-00).

2 DRAWING CONTACT No. ARE CORRESPONDING TO CONTACT No. OF PS3-2US/12S/16S.

CONTACT No. OF GT8E ARE DIFFERENT FROM THE CONTACT OF DRAWINGS. (REFFER NOTES No. 4)

CONTACT No. OF GT8E REFFERS TO TABLE 1.

DRAWING CONTACT No. ARE CORRESPONDING TO CONTACT No. OF PS3-2US/12S/16S.

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 GT8E-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.
 - -RECCOMEDNED SCREW: JIS B 1188 SPRING WASHER + CROSS RECESSED

 PAN HEAD SCREW WITH CAPTIVE POLISHED CIRCULAR

 WASHER M6 × 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 RECOMMENDED TIGHTENING TORQUE FOR FLOATING SCREW WITH REF No. ® 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. THIS PRODUCT HAS FLOATING STRUCTURE WHICH CAN BE FLOATED 2.0 mm MAX.
- 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.

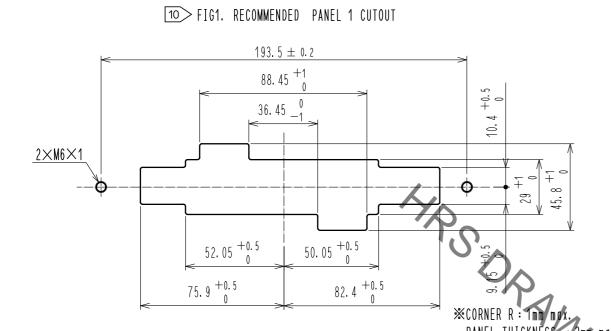
11. THE POWER CONTACT OF THIES PRODUCT IS NOT APPLICABLE FOR HOT-SWAP. IT CAN NOT BE USED TO INTERRUPT THE POWER.

HRS | DRAWING | EDC-128100-01-00 | PART | PS3-2UP/12P/16P(01) | CDDE | NO. | CL236-1044-8-01 | \(\triangle \) | 2

FORM HC0011-5-8 1 2 3 4 5

С





10> TABLE 3. UL, C-UL CONDITION

FORM HC0011-5-8 1

	CONDITION 1	CONDITION 2				
CURRENT VOLTAGE(AC/DC)	600	V				
CURRENT RATING	100A	150A				
CABLE	14 TO 22sq(涨1)	38 TO 50sq(涨1)				
CREEPAGE DISTANCE(%2)	MIN:3	. 2mm				
CLEARANCE DISTANCE(※2)	MIN:3.2mm					

10> TABLE 4. TUV CONDITON

	CONDITION I	CONDITION II				
CURRENT VOLTAGE(AC/DC)	800V	600V				
	100A(CABLE 14	4 TO 22sq ※ 1)				
CURRENT RATING	125A(CABLE 38sq ※1)					
	150A(CABLE 50)sq ※1)				
OVER VOLTAGE CATEGORY	I	II				
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)				

№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

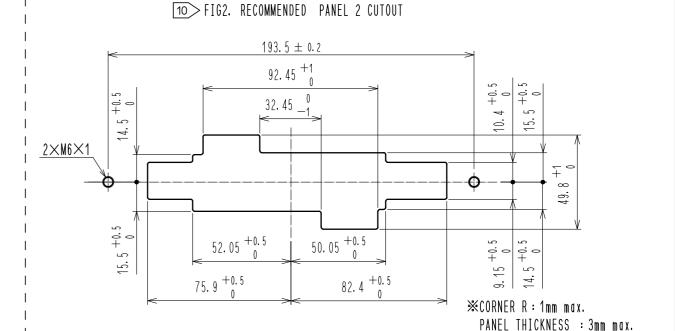


TABLE 5. TUV CONDITON

	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
OLEARANCE DISTANCE(※2)	MIN:8mm
INSULATION SYSTEM	BASIC INSULATION
(('\)	(PANEL HAS THE EARTH)
_ ^ _ ·	

	DRAWING NO.	EDC-128100-01-00	
H 7 5	PART NO.	PS3-2UP/12P/16P(01	1)
	CODE NO.	CL236-1044-8-01	\triangle $3/3$

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Heavy Duty Power Connectors category:

Click to view products by Hirose manufacturer:

Other Similar products are found below:

647757-1 6643411-1 6646058-2 6646137-1 6646138-1 6646479-1 6646608-1 6646786-1 6646940-1 6651091-1 6651525-1 6651529-1 6651788-1 696475-1 73000005059 73000005642 765-15-0080A 765-16-0080B 829992-1 902-77-02113 129-1J AN0024023 E6374G1 e6389g2 157-43GW8 MS3117-14AC 1643543-1 1650540-1 1651811-2 1766260-1 1766282-1 1766966-1 1791340000 NLDFT-3-BL-L-S120-M40A NLDFT-N-W-L-C240-M40B NLS-2-R-C240-M40B NLS-N-W-C240-M40B NPS-3-BL-T6 1986615-1 2-1589900-8 2199314-1 KA8102 9300480317 SBS50BRN#6 29131 29652 1646905-1 1648320-1 1648582-1 1650195-2