APPLIC/	ABL	E STA	NDARD										
Operating Tempera		erating mperature	Range	-40 °C to +105 °C Include Temperature Rise Caused by Current-carrying			Stor Tem	age iperature	Range		-40 °C to 60 °C (Note 1)		1)
Rating	Voltage			AC,DC 60 AC,DC 150	00 V 00 V	(Note 2	2)	Cu	urrent	150 400	DA(UL,C-UL,TUV) (A(Derating curve : 2 (Appendix 2)	Append 25°C)	dix 1)
Busbar Thic			ickness	ness 2.92 to 3.275									
				SF	PEC	IFICA		NS					
ITEM				TEST METHOD			REQUIREMENTS			REMENTS	QT	AT	
CONSTRUCTION				1					-				
General Examination			Visually a	Visually and by measuring instrument.				According to drawing.			X	X	
												^	^
Contact Resi	stanc		DC 1 A.	A.				0.5 mΩ max.				X	X
MECHA	NIC		IARACT	ERISTICS								~	
Insertion and	I		Measured	Measured by applicable busbar.				Insertion force : 50 N max.				Х	-
Extraction Fo	Extraction Force			50 times locartions and extractions				Extraction force : 3 N min.				v	
	opera	lion	50 times i	So times insertions and extractions.				2)No damage, crack and looseness of parts.			^		
Vibration	Vibration			Frequency 10 to 55 hz, single amplitude 0.75 mm,					1) No electrical discontinuity of 10 μ s.			Х	—
Shock			490 m/s ²	3 axial directions, 10 cycles each. 490 m/s ² duration of pulse 11 ms					2) No damage, crack and looseness of parts.			X	_
			at 3 times	at 3 times for 3 both axial directions.					I				
ENVIRC	NN	IENTA		ACTERISTICS				00.1		0.7			r
Humidity			Exposed a	Exposed at +40 °C, 90 to 95 % , 96 h					2)No damage, crack and looseness of parts.			^	_
Rapid Change of			Temperat	Temperature $-40 \rightarrow 105 ^{\circ}\text{C}$				1)Contact resistance: 0.7 m Ω max.			Х	—	
Temperature			Time under 5 cv	me $30 \rightarrow 30$ min nder 5 cvcles.				2)No da	amage, crack	k and k	ooseness of part		
			chamber t	ransfer time is 2 to 3 min	ı.								
Dry Heat			Exposed a	Exposed at 105±2 °C for 96 h.				1)Conta 2)No.da	1)Contact resistance: 0.7 m Ω max. 2)No damage, crack and looseness of part				-
Cold			Exposed a	Exposed at -40±2 °C for 96 h.				1)Contact resistance: 0.7 mΩ max.				X	-
Osmasian Os	14 N.4:-				40 5			2)No damage, crack and looseness of part				v	
					-011.			Contact		0.7 1112			
A COU	NI		DESCRIPTI	ON OF REVISIONS			DESI	SNED			CHECKED	DA	IE
Image: Construct of the copper bar's and voltage Image: Construction of the copper bar's and voltage Image: Construct of the copper bar's and voltage Image: Construction of the copper bar's and voltage							MN. KENJO	20220711					
		6	Voltage 600V (※1)	Pollution degree2 6.3 mm	Pollu	tion degre	e 3		СНЕСКЕ	∃D	KG. OKITA	2022	0711
 1. This dimension is specified by 3. Because rated voltage in IE calculates the creepage distantion or required specification, please Unless otherwise specified, refer to IEC 60512 				by IEC(EN) 61984 follows the overvoltage category IEC(EN) 61984 is specified only up to 1000 V, tance for 1500 V. Depending on surrounding envir			ry Ⅳ. /, Hirose ⁄ironment	DESIGNI	ED	MO. SHIMOYAMA	2022	0708	
				lease ask customers to change the creepage distant				DRAWN		N	MO. SHIMOYAMA 2022		0708
Note QT:0	Note QT:Qualification Test AT:Assurance Test X:Applicable Test						RAWING NO.			ELC-398501-00-00			
Ж		Ś	SPECIF	CATION SHEET			Г NO.		P	PS4-3. 175T-F19			
▏▌▙▝┻	'	HI	ROSE ELECTRIC CO., LTD.						CI 0236-1088-0-00			1/2	

FORM HD0011-2-1

Accompanying drawing

Appendix 1. Condition of safety standard(UL, C-UL, TUV STANDARD)

This item got approved by safety standard(UL, C-UL, TUV STANDARD)under the condition of table 1.

Table	1. UL .	C-UI	condition
Tubio		0 0	001101111011

	Condition
Voltage rating(AC/DC)	600 V
Current rating	150 A
Bus bar thickness	3.175 mm



