



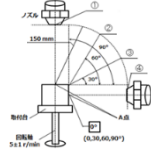





APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +125 °C	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C <sup>(1)</sup>	
	VOLTAGE	 60 V AC/DC	STORAGE HUMIDITY RANGE	RELATIVE HUMIDITY 85% MAX (NOT DEWED)	
	CURRENT	2 A			
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	
QT		AT			
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING		CONFIRMED VISUALLY.			
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		1A DC.		8 mΩ MAX .	
CONTACT RESISTANCE		20 mV AC MAX, 0.1 mA(DC OR 1000Hz)		8 mΩ MAX .	
MILLIVOLT LEVEL METHOD					
INSULATION RESISTANCE		500 V DC.		100 MΩ MIN.	
VOLTAGE PROOF		1000 V AC FOR 1 min.		 NO BREAKDOWN.	
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 16 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
VIBRATION		FREQUENCY 20 TO 200Hz (88m/s <sup>2</sup> ) SWEEP TIME 3min.(ROUND TRIP) AT 3h FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 7ΩMIN , 1μs MIN. ② CONTACT RESISTANCE: 16 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
SHOCK		981m/s <sup>2</sup> DURATION OF PULSE 6ms AT 3 TIMES FOR 6 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 7ΩMIN , 1μs MIN. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
LOCK STRENGTH		MEASURE BREAK STRENGTH OF THE LOCK BY PULLING THE CONNECTOR IN THE MATING DIRECTION.		100N MIN	
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)		EXPOSED AT 60 °C, 90 ~ 95 %, 96 h.		① CONTACT RESISTANCE: 16 mΩ MAX. ② INSULATION RESISTANCE:100 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE- 40 →ROOM TEMP →125°C→ROOM TEMP TIME 30 → 5 → 30 → 5 min UNDER 1000 CYCLES.		① CONTACT RESISTANCE: 16 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
DRY HEAT		EXPOSED AT 140°C, 120 h.		① CONTACT RESISTANCE: 16 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
COLD		EXPOSED AT -40°C , 120 h.		① CONTACT RESISTANCE: 16 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
RESISTANCE TO SO <sub>2</sub> GAS		EXPOSED IN 25 PPM AT 75% MIN FOR 96h.		① CONTACT RESISTANCE: 16 mΩ MAX.	
RESISTANCE TO HIGH-PRESSURE WASHING 		AFTER HEATING AT 120 °C FOR 120 h, WATER AT 80 °C, 10MPa, FOR 30 sec AT THE POSITION OF ① TO ④. ROTATE THE MOUNTING BASE AT5 r/min. 		① NO WATER INTRUSION INTO THE PANEL. ② INSULATION RESISTANCE:100 MΩ MIN.	
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	
	CHECKED			CHECKED	
	DATE			DATE	
	3	DIS-T-00005917		AN. SAIKI	
REMARK				APPROVED	
(NOTE1) "STORAGE" means a long-term storage state for the unused product before assembly to PCB.				HK. UMEHARA	
				CHECKED	
				HK. UMEHARA	
				DESIGNED	
				HH. TSUKUMO	
				DRAWN	
				DS. HIROWATARI	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.	
				ELC-381036-00-00	
	SPECIFICATION SHEET			PART NO.	
	HIROSE ELECTRIC CO., LTD.			ZE064W-8DP-HU/R (B)	
				CODE NO.	
				CL753-2014-0-00	
				 1/1	