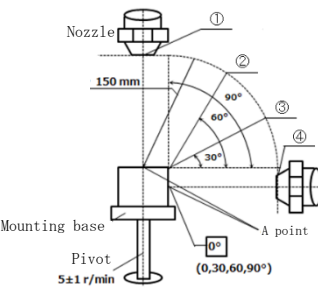


APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +125 °C	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C ⁽¹⁾	
	VOLTAGE	 60 V AC/DC	STORAGE HUMIDITY RANGE	RELATIVE HUMIDITY 85% MAX	
	CURRENT	2 A		(NOT DEWED)	
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	x	x
MARKING		CONFIRMED VISUALLY.		x	x
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		500V DC.	100 MΩ MIN.	x	—
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.	— x	— —
VIBRATION		FREQUENCY 20 TO 200Hz (88m/s ²) 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.	— — x	— — —
SHOCK		981m/s ² 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.	— x	— —
LOCK STRENGTH		MEASURE BREAK STRENGTH OF THE LOCK BY PULLING THE CONNECTOR IN THE MATING DIRECTION.	100N MIN.	x	—
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.	— x x	— — —
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.	— x	— —
DRY HEAT		EXPOSED AT 140°C, 120 h.	① CONTACT RESISTANCE: 16 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	— x	— —
COLD		EXPOSED AT -40°C, 120 h.	① CONTACT RESISTANCE: 16 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	— x	— —
RESISTANCE TO SO ₂ GAS		EXPOSED IN 25 PPM AT 75% MIN FOR 96h.	CONTACT RESISTANCE: 16 mΩ MAX.	—	—
RESISTANCE TO HIGH- PRESSURE WASHING 		AFTER HEATING AT 120°C FOR 120 h, WATER AT 80°C, 10 MPa, FOR 30 sec AT THE POSITIONS OF ① TO ④. ROTATE THE MOUNTING BASE AT 5 r/min. 	① NO WATER PENETRATION PERMITTED. ② INSULATION RESISTANCE:100 MΩ MIN.	x x	— —
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
 3	DIS-T-00005917	AN. SAIKI	HH. TSUKUMO	20200312	
REMARK (NOTE1) "STORAGE" means a long-term storage state for the unused product.		APPROVED	AH. EDASHIGE	20190122	
		CHECKED	HH. TSUKUMO	20190122	
		DESIGNED	AS. SHIBAHARA	20190122	
		DRAWN	DS. HIROWATARI	20190122	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC-378450-00-00	
	SPECIFICATION SHEET		PART NO.	ZE064W-14DS-HU/R (A)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL753-2010-0-00	 1/1