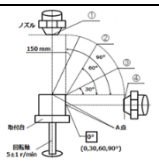
APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +125 °C	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C (1)
	VOLTAGE	1 60 V AC/DC	STORAGE HUMIDITY RANGE	RELATIVE HUMIDITY 85% MAX
	CURRENT	2 A		(NOT DEWED)

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	1A DC.	8 mΩ MAX .	—	—
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD	20 mV AC MAX, 0.1 mA(DC OR 1000Hz)	8 mΩ MAX .	—	—
INSULATION RESISTANCE	500 V DC.	100 MΩ MIN.	×	—
VOLTAGE PROOF	1000 V AC FOR 1 min. 1	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/s²) 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/s² 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_2 GAS	EXPOSED IN 25 PPM AT 75% MIN FOR 96h.	① CONTACT RESISTANCE: 16 mΩ MAX.	—	—
RESISTANCE TO HIGH-PRESSURE WASHING 1	AFTER HEATING AT 120 ℃ FOR 120 h, WATER AT 80 ℃, 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	DATE
1	3	DIS-T-00005917	AN. SAIKI	HH. TSUKUMO	20200312

REMARK
(NOTE1) "STORAGE" means a long-term storage state for the unused product.

APPROVED	HK. UMEHARA	20190207
CHECKED	HK. UMEHARA	20190207
DESIGNED	HH. TSUKUMO	20190207
DRAWN	DS. HIROWATARI	20190207

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC-381037-00-00

HRS	SPECIFICATION SHEET	PART NO.	ZE064W-8DS-HU/R(A)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL753-2015-0-00	1 1/1