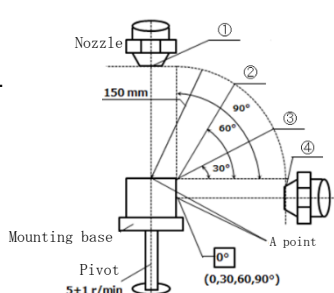


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +125 °C	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C ⁽¹⁾		
	VOLTAGE	\triangle 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 m Ω MAX.	-	-		
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD	20 mV AC MAX, 0.1 mA(DC OR 1000Hz)	8 m Ω MAX.	-	-		
INSULATION RESISTANCE	500V DC.	100 M Ω MIN.	x	-		
VOLTAGE PROOF	1000 V AC FOR 1 min.	\triangle NO BREAKDOWN.	-	-		
MECHANICAL CHARACTERISTICS						
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 16 m Ω MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-		
VIBRATION	FREQUENCY 20 TO 200Hz (88m/s ²) SWEEP TIME 3min.(ROUND TRIP) AT 3h FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 7 Ω MIN, 1 μ s MIN. ② CONTACT RESISTANCE: 16 m Ω MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-		
SHOCK	981m/s ² DURATION OF PULSE 6ms AT 3 TIMES FOR 6 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 7 Ω MIN, 1 μ s 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.	x	-		
ENVIRONMENTAL CHARACTERISTICS						
DAMP HEAT (STEADY STATE)	EXPOSED AT 60 °C, 90 ~ 95 %, 96 h.	① CONTACT RESISTANCE: 16 m Ω MAX. ② INSULATION RESISTANCE:100 M Ω 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 m Ω MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-		
DRY HEAT	EXPOSED AT 140°C, 120 h.	① CONTACT RESISTANCE: 16 m Ω MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-		
COLD	EXPOSED AT -40°C, 120 h.	① CONTACT RESISTANCE: 16 m Ω MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-		
RESISTANCE TO SO ₂ GAS	EXPOSED IN 25 PPM AT 75% MIN FOR 96h.	CONTACT RESISTANCE: 16 m Ω MAX.	-	-		
RESISTANCE TO HIGH-PRESSURE WASHING \triangle	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 M Ω MIN.	x	-		
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
\triangle 3	DIS-T-00005917	AN. SAIKI	HH. TSUKUMO	20200312		
REMARK		APPROVED	HK. UMEHARA	20190207		
(NOTE1) "STORAGE" means a long-term storage state for the unused product.		CHECKED	HH. TSUKUMO	20190207		
		DESIGNED	AS. SHIBAHARA	20190207		
		DRAWN	GYEONGMIN LEE	20190207		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC-378448-00-00			
HRS	SPECIFICATION SHEET	PART NO.	ZE064W-14DP-HU/R (A)			
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL753-2008-0-00	\triangle	1/1	