

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△	1 DIS-H-04572(04572)	I.D	T.M	01.08.06	△				
△					△				

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO 85 °C(NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60 °C
	VOLTAGE	150 V AC	APPLICABLE CONNECTORS	—
	CURRENT	1 A	OPERATING HUMIDITY RANGE	UL1571 : AWG26 · 28

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	20 mV MAX, 1 mA(DC OR 1000 Hz).	30 mΩMAX.	×	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	□0.3+0.005 BY STEEL GAUGE.	INSERTION FORCE 3.0 N MAX. EXTRACTION FORCE 0.15 N MIN.△	×	—
MECHANICAL OPERATION	50 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1μs.	×	—
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.	② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 →5 TO 35→85 →5 TO 35 °C TIME 30 →10 TO 15→30→10 TO 15 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE:500MΩMIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500MΩMIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
CORROSION,SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.	① NO HEAVY CORROSION.	×	—
SULPHUR DIOXIDE	EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD : JEIDA-39)	① NO HEAVY CORROSION.	×	—
REMARKS				
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT		DRAWN	DESIGNED	CHECKED
		Y.INOUE	Y.INOUE	T.MIYAZAKI
Unless otherwise specified, refer to MIL-STD-1344.		'00.11. 8	'00.11. 8	'00.11. 8
				'00.11. 9
Note QT: Qualification Test AT: Assurance Test ×:Applicable Test				
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO.
				DF 1 4 - 2 6 2 8 S C F A
CODE NO.(OLD)	DRAWING NO.	PEART NO		1/1
CL	ELC4- 1 6 0 5 5 1	CL 5 3 8 - 0 0 0 2 - 0		

