

APPLICABLE STANDARD				
RATING	VOLTAGE	150 V AC	CURRENT	1 A
	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C (NOTE1)	STORAGE TEMPERATURE RANGE	-10°C TO +60 °C
	APPLICABLE CABLE	AWG 26 - 30		

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X

ELECTRIC CHARACTERISTICS

CONTACT RESISTANCE MILLIVOLT LEVEL METHOD	100 mV MAX, 1mA (DC or 1000Hz).	30 mΩ MAX.	X	-
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MECHANICAL CHARACTERISTICS

MECHANICAL OPERATION	50 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-

ENVIRONMENTAL CHARACTERISTICS

RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 →-5 TO 35 →+85→5 TO35°C TIME 30 →10 TO 15 →30 →10 TO 15min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 60 mΩ MAX. ② NO HEAVY CORROSION.	X	-
SULPHUR DIOXIDE	EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD:JEIDA-39)	① CONTACT RESISTANCE: 60 mΩ MAX. ② NO HEAVY CORROSION.	X	-

△	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
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REMARKS NOTE1: INCLUDING THE TEMPERATURE RISE BY CURRENT. Unless otherwise specified, refer to JIS C 5402.	APPROVED	TY.OMA	06.09.12
	CHECKED	HK.UMEHARA	06.09.06
	DESIGNED	TS.KUMAZAWA	06.09.06
	DRAWN	AK.MIURA	06.09.06

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-071220-02
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HRS	SPECIFICATION SHEET	PART NO.	DF13-2630SCFA (41)
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL536-0298-5-41