

<b>APPLICABLE STANDARD</b>				
RATING	OPERATING TEMPERATURE RANGE	-35°C TO +85 °C (NOTES 1)	STORAGE TEMPERATURE RANGE	-10°C TO +60°C
	VOLTAGE	150 V AC (DC)	APPLICABLE CABLE	UL1571:AWG26, 28
	CURRENT	1 A		

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
<b>CONSTRUCTION</b>				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X
<b>ELECTRIC CHARACTERISTICS</b>				
CONTACT RESISTANCE	20mV MAX , 1 m A (DC OR 1000 Hz).	30 mΩ MAX.	X	-
<b>MECHANICAL CHARACTERISTICS</b>				
CONTACT INSERTION AND EXTRACTION FORCES	□ 0.3 <sup>+0.005</sup> <sub>0</sub> mm 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 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 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	-
<b>ENVIRONMENTAL CHARACTERISTICS</b>				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→ 5 TO 35→+85→ 5 TO 35 °C TIME 30→ 5 MAX → 30→ 5 MAX min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		X	-
CORROSION,SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48h.	NO HEAVY CORROSION	X	-
SULPHUR DIOXIDE	EXPOSED IN 10PPM FOR 96h.	NO HEAVY CORROSION	X	-

REMARKS  
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT

Unless otherwise specified, refer to JIS C 5402.

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△				
		APPROVED	TY.OMA	06.07.22
		CHECKED	HK.UMEHARA	06.07.22
		DESIGNED	TS.KUMAZAWA	06.07.22
		DRAWN	TS.KUMAZAWA	06.07.22

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

DRAWING NO. **ELC4-160551-01**

<b>HRS</b>	SPECIFICATION SHEET	PART NO.	DF14-2628SCFA (90)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL538-0002-0-90	△ 1/1