

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35°C TO +85 °C (NOTES 1)	STORAGE TEMPERATURE RANGE	-10°C TO +60°C	
	VOLTAGE	1 5 0 V AC (DC)	APPLICABLE CABLE	UL1571:AWG26, 28	
	CURRENT	1 A			
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		20mV MAX , 1 m A (DC OR 1000 Hz).	30 mΩ MAX.	X	—
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES		□0.3 ^{+0.005} ₀ 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 ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	—
ENVIRONMENTAL CHARACTERISTICS					
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
HRS	SPECIFICATION SHEET		PART NO.	DF14-2628SCFA (90)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL538-0002-0-90	△ 1/1