

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35°C TO 85°C (NOTE1)	STORAGE TEMPERATURE RANGE	-10°C TO 60°C (NOTE3)	
	OPERATING HUMIDITY RANGE	40% TO 80% (NOTE2)	STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)	
	VOLTAGE	150V AC/DC	APPLICABLE CONNECTOR	DF14 (A) -*P-1. 25H (##)	
	CURRENT	1A/pin			
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					
INSULATION RESISTANCE		100 V DC.	500 MΩ MIN.	X	—
VOLTAGE PROOF		500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS					
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.		X	—
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	1) INSULATION RESISTANCE: 500 MΩ MIN. 2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→15 TO 35→85→15 TO 35 °C TIME 30→2 TO 3→30→2 TO 3 min UNDER 5 CYCLES.	1) INSULATION RESISTANCE: 500MΩ MIN 2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE2: NO CONDENSING. NOTE3: APPLY TO PACKED CONDITION.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
					
Unless otherwise specified, refer to IEC 60512.			APPROVED	SJ. OKAMURA	20211217
			CHECKED	SZ. ONO	20211217
			DESIGNED	HT. SATO	20211217
			DRAWN	SK. CHIBA	20211217
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-160306-10-00
	SPECIFICATION SHEET		PART NO.	DF14-*S-1. 25C (10)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL538	 1/1