

APPLICABLE STANDARD		OPERATING TEMPERATURE RANGE		STORAGE TEMPERATURE RANGE	
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +70°C	STORAGE TEMPERATURE RANGE	-	°C TO - °C
	VOLTAGE	AC 125 V	CURRENT	0.5A	
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
ELECTRICAL CHARACTERISTICS					
CONTACT RESISTANCE	1 mA MAX (DC OR 1000 Hz).	40 mΩ MAX.	<input type="checkbox"/>	X	-
INSULATION RESISTANCE	100 V DC.	250 MΩ MIN.		X	-
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.		X	X
MECHANICAL CHARACTERISTICS					
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR. (WITHOUT LOCK)	INSERTION FORCE 20N MAX. WITHDRAWAL FORCE 2 N MIN.		X	-
MECHANICAL OPERATION	3000 TIMES INSERTIONS AND EXTRACTATIONS.	1) CONTACT RESISTANCE : 60 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
VIBRATION	FREQUENCY 10 TO 55 Hz HALF AMPLITUDE 0.75 mm, ACCELERATION - m/s ² , AT 2 hours FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 5μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
SHOCK	ACCELERATION 490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.			X	-
LOCKING FORCE	BE TO COMBINE THE APPLICABLE CONNECTORS, TO PULL THE PLUG IN WITHDRAWAL DIRECTION WITH 40N.	1) NO WITHDRAWAL. 2) NO DAMAGE IN PORTION OF THE LOCK.		X	-
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → -55 TO 35 → +85 → 5 TO 35 °C TIME 30 → 2 TO 3 → 30 → 2 TO 3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 60 °C, 90 TO 95 %RH FOR 96 hours.	1) INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY.) 2) INSULATION RESISTANCE: 100 MΩ MIN. (AFTER DRY.) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
CORROSION SALT MIST	EXPOSED IN 5% SALT WATER, FOR 48 hours.	NO SPECTACULAR CORRODE.		X	-
SOLDERABILITY	TEMPERATURE: 235 ± 5 °C IMMERSIONAL TIME : 2 ± 0.5 sec.	SOLDERING POINT OF CONTACTS IMMERSION IN SOLDER 95% MIN.		X	-
SOLDERING CONDITION (REFLOW)	REFLOW TO THE REFLOW TEMPERATURE PROFILE IN THE FIGURE-1 FOR 2 TIMES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
REMARK <input type="checkbox"/> WITHOUT BULK RESISTANCE.					
Count	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-120858-03		
HRS SPECIFICATION SHEET HIROSE ELECTRIC CO., LTD.		PART NO.	3260B-12S3 (55)		
		CODE NO.	CL232-0090-4-55	<input type="checkbox"/>	1/