	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO 70 °C	STORAGE TEMPERATURE RANGE	— °C TO — °C
	VOLTAGE	AC125V	OPERATING HUMIDITY RANGE	— % TO — %
	CURRENT	0.5A	APPLICABLE CABLE	φ5.0±0.2

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRICAL CHARACTERISTICS				
CONTACT RESISTANCE	1 mA (DC OR 1000 Hz). [1]	40 mΩ MAX.	×	—
INSULATION RESISTANCE	100 V DC.	250 MΩ MIN.	×	—
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	—
MECHANICAL CHARACTERISTICS				
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 20 N MAX. WITHDRAWAL FARCE 2 N MIN.	×	—
MECHANICAL OPERATION	3000 TIMES INSERTIONS AND EXTRACTIONS. [1]	① CONTACT RESISTANCE 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s^2 AT 2 h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
SHOCK	490 m/s^2 DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		×	—
LOKING FORCE	WITH LOCK	40 N MIN.	×	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5TO35 →85 → 5TO35 °C TIME 30 →2TO3 →30 →10TO15 min UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 60 °C, 90～95 %, 96 h.	① INSULATION RESISTANCE : AT HIGH HUMIDITY 1 MΩMIN. : AT DRY 100 MΩMIN. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—

[1] WITHOUT BULK RESISTANCE.

REMARKS	DROWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	H.Kikuchi '06.09.08	H.Kikuchi '06.09.08	N.Miyajoh '06.09.08	'06.09.08	

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

HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. 3240-10P-C(50)

CODE NO.(OLD)	DRAWING NO.	CODE NO.	
CL	ELC4-047968-02	CL232-0048-8-50	1/1

FORM No.231-1

TO

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