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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO 70 °C	STORAGE TEMPERATURE RANGE	- °C TO - °C
	VOLTAGE	AC 125 V	OPERATING HUMIDITY RANGE	- % TO - %
	CURRENT	0.5 A	APPLICABLE CABLE	φ5.2±0.2

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	1 mA (DC OR 1000 Hz).	40 mΩ MAX.	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.	INSERTION FORCE 20 N MAX. EXTRACTION FORCE 2 N MIN.	X	-
MECHANICAL OPERATION	10000 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 1.52 mm, AT 2 h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	-
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.		X	-
LOCKING FORCE	PULL THE CONNECTOR, CABLE AXIALLY	50 N MIN	X	-
	PULL THE CONNECTOR, 90°UP, DOWN AND SIDEWAYS	25 N MIN		
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5~35 → 85 → 5~35 °C TIME 30 → 10~15 → 30 → 10~15 min UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 60 °C, 90~95 %, 96 h.	① INSULATION RESISTANCE: 100 MΩ MIN.(AFTER DAY) ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	-
REMARKS				
WITHOUT BULK RESISTANCE.		DRAWN	DESIGNED	CHECKED
Unless otherwise specified, refer to JIS C 5402.		1'06.02.17	1'06.02.17	1'06.02.17
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				
HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		
CODE NO.(OLD)		PART NO.		
CL		3260-12P-TO-C(50)		
DRAWING NO.		CODE NO.		
ELC4-120221-03		CL232-0069-8-50		
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