

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C	STORAGE TEMPERATURE RANGE	- °C TO - °C
	VOLTAGE	AC 250 V	OPERATING HUMIDITY RANGE	- % TO - %
	CURRENT	0.5 A	APPLICABLE CABLE	-

SPECIFICATIONS				
ITEM	TEST METHOD	REQUIREMENTS	QT	AT

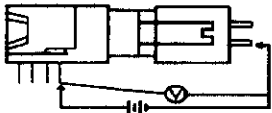
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING	CONFIRMED VISUALLY.		○	○

ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	1 35 mΩ MAX.	○	○
INSULATION RESISTANCE	500V DC.	500 MΩ MIN.	○	○
VOLTAGE PROOF	500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	○	○

MECHANICAL CHARACTERISTICS				
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE	40 N MIN.	○
		EXTRACTION FORCE	147 N MAX.	-
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 1 35mΩ 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 TIME FOR 6 DIRECTION.	○ -		

ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5~35 → 85 → 5~35 °C TIME 30 → 2~3 → 30 → 2~3 min UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90~95 %RH, 96 h.	① INSULATION RESISTANCE AT HIGH HUMIDITY 1 MΩ MIN. AT DRY 100 MΩ MIN. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.		

NOTE 1 CONTACT RESISTANCE TEST POSITION.



REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	T. Taniguchi	T. Taniguchi	Y. Enami	S. Matsuyuki	
	02.08.19	02.08.19	02.08.19	02.08.19	

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

HS	HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO.
			DX40M-100P
CODE NO.(OLD)	DRAWING NO.	PART NO.	
CL	ELC4-041449	CL230-5039-1	1/1