



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	250 V AC	OPERATING HUMIDITY RANGE % TO %
	CURRENT	0.5 A	APPLICABLE CABLE


SPECIFICATIONS			
ITEM	TEST METHOD	REQUIREMENTS	QT AT

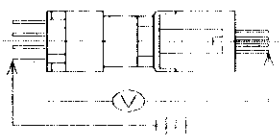
CONSTRUCTION			
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○ ○
MARKING	CONFIRMED VISUALLY.		○ ○

ELECTRIC CHARACTERISTICS			
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz). 	35 mΩ MAX.	○ ○
INSULATION RESISTANCE	500 V 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.	10.2 N MIN. 38.2 N MAX.	○ —
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS. 	① CONTACT RESISTANCE: 35 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 DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		○ —

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 %, 96 h.	INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY.) 100 MΩ MIN. (AT DRY.)	○ —
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	○ —
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, 260 ± 5 °C FOR IMMERSION, DURATION 10 ± 1 S.	NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.	○ —
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 245 ± 2 °C FOR IMMERSION, DURATION 3 ± 1 S.	MIN. 95 % OF SOLDER IMMERSED AREA SHALL BE COVERED NEW SOLDER COATING.	○ —

NOTE.  MEASUREMENT POINT OF CONTACT RESISTANCE



REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	<i>2-11-11</i>	<i>2-11-11</i>	<i>Y. Enami</i>	<i>H. M. Wada</i>	

Unless otherwise specified, refer to JIS C 5402.

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

HS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. DX20M-26S(50)	
CODE NO.(OLD) CL	DRAWING NO. ELC4-041444-01	CODE NO. CL230-5014-0-50	1/1		