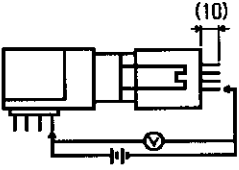


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE						
△					△										
△					△										
APPLICABLE STANDARD															
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C			STORAGE TEMPERATURE RANGE	°C TO °C									
	VOLTAGE	250 V AC			OPERATING HUMIDITY 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). ①			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.			26.7 N MIN. 100.0 N MAX.			○	—						
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS. ①			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 <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—						
SHOCK		490 m/s <sup>2</sup> 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. ① MEASUREMENT POINT OF CONTACT RESISTANCE															
															
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED						
Unless otherwise specified, refer to JIS C 5402.					J. Kamaya 03.10.21	J. Kamaya 03.10.21	Y. Enami 07.10.22	H. Miura 03.10.22							
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test															
HS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET		PART NO. DX10BM-68S(50)								
CODE NO.(OLD) CL		DRAWING NO. ELC4-041441-01			CODE NO. CL230-5008-8-50			1/1							