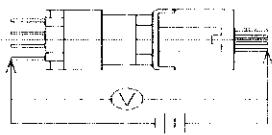


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C			STORAGE TEMPERATURE RANGE	°C TO °C			
	VOLTAGE	250 V AC			OPERATING HUMIDITY RANGE	% TO %			
	CURRENT	0.5 A			APPLICABLE CABLE				
SPECIFICATIONS									
ITEM	TEST METHOD			REQUIREMENTS			QT	AT	
CONSTRUCTION									
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			<input type="radio"/>	<input type="radio"/>	
MARKING	CONFIRMED VISUALLY.						<input type="radio"/>	<input type="radio"/>	
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz). 			35 mΩ MAX.			<input type="radio"/>	<input type="radio"/>	
INSULATION RESISTANCE	500 V DC.			500 MΩ MIN.			<input type="radio"/>	<input type="radio"/>	
VOLTAGE PROOF	500 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			<input type="radio"/>	<input type="radio"/>	
MECHANICAL CHARACTERISTICS									
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.			7.9 N MIN. 29.4 N MAX.			<input type="radio"/>	—	
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS. 			① CONTACT RESISTANCE: 35 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			<input type="radio"/>	—	
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s² AT 2 h, FOR 3 DIRECTIONS.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			<input type="radio"/>	—	
SHOCK	490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.						<input type="radio"/>	—	
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.			<input type="radio"/>	—	
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.)			<input type="radio"/>	—	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			<input type="radio"/>	—	
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.			<input type="radio"/>	—	
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.			<input type="radio"/>	—	
NOTE:  MEASUREMENT POINT OF CONTACT RESISTANCE									
				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
REMARKS				<i>2023.08.16</i>	<i>2023.08.16</i>	<i>Y. Enami</i>	<i>H. Mizu</i>		
Unless otherwise specified, refer to JIS C 5402.									
Note QT:Qualification Test AT:Assurance Test <input type="radio"/> :Applicable Test									
HS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET				PART NO. DX20M-20S(50)			
CODE NO.(OLD) CL		DRAWING NO. ELC4-041443-01		CODE NO. CL230-5013-8-50		1/1			