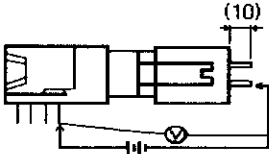


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C			STORAGE TEMPERATURE RANGE	— °C TO — °C			
	VOLTAGE	AC 250 V			OPERATING HUMIDITY RANGE	— % TO — %			
	CURRENT	0.5 A			APPLICABLE CABLE	UL20276 AWG NO.28 (φ 0.58)			
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. ①			○	○
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 EXTRACTION FORCE		73.5 N MAX. 19.6 N MIN.	○	—
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.					Y. Taniguchi	A. Nishida	Y. Enami	H. Minato	
					02/04/05	02/04/05	02.4.5	02.04.09	
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test									
HS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET		PART NO. DX40M-50P		
CODE NO. (OLD) CL			DRAWING NO. ELC4-045317			PART NO. CL230-5036-3			1/1