

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	52.9 N MAX.		○	—
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.			EXTRACTION FORCE	14.2 N MIN.		○	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.			① CONTACT RESISTANCE: 1 35mΩ MAX.			○	—
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 6 DIRECTION.			② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
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.			○	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			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
					<i>F. Faniguchi</i>	<i>S. Noda</i>	<i>Y. Enami</i>	<i>H. Miura</i>	
					02.04.05	02.04.05	02.4.5	02.04.09	
Unless otherwise specified, refer to JIS C 5402.									
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. DX40M-36P		
CODE NO.(OLD) CL			DRAWING NO. ELC4-045316			PART NO. CL230-5035-0			1 1

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