

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△					△					
△					△					
APPLICABLE STANDARD										
RATING	OPERATING TEMPERATURE RANGE	5 5 °C TO 8 5 °C			STORAGE TEMPERATURE RANGE	- 5 5 °C TO 8 5 °C				
	VOLTAGE	1 2 5 V			OPERATING HUMIDITY RANGE	- % TO - %				
	CURRENT	0. 5 A			APPLICABLE CABLE	AWG # 28				
<b>SPECIFICATIONS</b>										
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).				① 35 mΩ MAX.				<input type="radio"/>	<input type="radio"/>
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX, — mA(DC OR 1000 Hz).								<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.				INSERTION FORCE 26.66 N MAX. EXTRACTION FARCE 99.96 N MIN.				<input type="radio"/>	—
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 70 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/>	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.76 mm, — m/s <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: 70 Ω MAX.				<input type="radio"/>	—
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.				③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/>	—
ENVIRONMENTAL CHARACTERISTICS										
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5~35 → 85 → 5~35 °C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.				① CONTACT RESISTANCE: 70 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/>	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90 ~ 95 %, 96 h.				① CONTACT RESISTANCE: 70 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/>	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				① CONTACT RESISTANCE: 70 mΩ MAX.				<input type="radio"/>	—
HYDROGEN SULPHIDE	EXPOSED IN 3 PPM FOR 120 h. (TEST STANDARD: JEIDA-38)				② NO HEAVY CORROSION.				<input type="radio"/>	—
<p>① CONTACT RESISTANCE TEST POSITION</p>										
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
Unless otherwise specified, refer to JIS C 5402.					98.05.23	98.05.23	98.05.23	98.05.23		
<p>Note QT:Qualification Test AT:Assurance Test ○:Applicable Test</p> <p><b>HIROSE</b> HIROSE ELECTRIC CO., LTD. <b>SPECIFICATION SHEET</b> PART NO. DX 30 AM-68 P</p>										
CODE NO.(OLD) CL		DRAWING NO. ELC 4-040387			PART NO. CL 230-5029-8			1/1		

