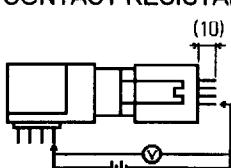


APPLICABLE STANDARD						SPECIFICATIONS						
RATING	OPERATING TEMPERATURE RANGE		- 5 5 °C TO 8 5 °C		STORAGE TEMPERATURE RANGE		- °C TO - °C		OPERATING HUMIDITY RANGE		- % TO - %	
	VOLTAGE		2 5 0 V		APPLICABLE CABLE		UL2789 AWG # 28		CURRENT		0 . 5 A	
	TEST METHOD											
ITEM		TEST METHOD				REQUIREMENTS				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 19.6 N MAX. EXTRACTION FORCE 73.5 N MIN.				<input type="radio"/> <input type="radio"/>		
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS. 1>				① CONTACT RESISTANCE: 35 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/> <input type="radio"/>		
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 1.52 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: — mΩ MAX.				<input type="radio"/> <input type="radio"/>		
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.				③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/> <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: — mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/> <input type="radio"/>		
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 ~ 95 %, 96 h.				① CONTACT RESISTANCE: — mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/> <input type="radio"/>		
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				① CONTACT RESISTANCE: — mΩ MAX.				<input type="radio"/> <input type="radio"/>		
HYDROGEN SULPHIDE		EXPOSED IN PPM FOR h. (TEST STANDARD: JEIDA-38)				② NO HEAVY CORROSION.				<input type="radio"/> <input type="radio"/>		
1> CONTACT RESISTANCE TEST POSITION												
												
REMARKS						DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED		
Unless otherwise specified, refer to JIS C 5402.						J. Miura	J. Ichihara	J. Tanaka	J. Tanaka			
Note QT:Qualification Test AT:Assurance Test <input type="radio"/> :Applicable Test												
 HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET				PART NO. DX 3 0 AM- 5 0 P				
CODE NO.(OLD)		DRAWING NO.		PART NO.						1/1		
CL		E L C 4 - 0 4 2 4 7 5		CL 2 3 0 - 5 0 2 8 - 5								