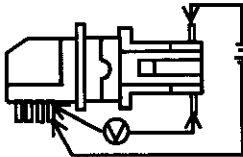


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				

<b>APPLICABLE STANDARD</b>				
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C	STORAGE TEMPERATURE RANGE	°C TO °C
	VOLTAGE	125 V AC , 175 V DC	OPERATING HUMIDITY RANGE	% TO %
	CURRENT	0.5 A	APPLICABLE CABLE	UL20276 AWG No.28

SPECIFICATIONS						
ITEM	TEST METHOD	REQUIREMENTS	QT	AT		
<b>CONSTRUCTION</b>						
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○		
MARKING	CONFIRMED VISUALLY.		○	○		
<b>ELECTRIC CHARACTERISTICS</b>						
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz). <span style="border: 1px solid black; padding: 0 2px;">1</span>	50 mΩ MAX.	○	○		
INSULATION RESISTANCE	100 V DC.	250 MΩ MIN.	○	○		
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	○	○		
<b>MECHANICAL CHARACTERISTICS</b>						
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	29.4 N MIN. 93.1 N MAX.	○	—		
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS. <span style="border: 1px solid black; padding: 0 2px;">1</span>	① CONTACT RESISTANCE: 50 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	—		
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	—		
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		○	—		
<b>ENVIRONMENTAL CHARACTERISTICS</b>						
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 %, 96 h.	INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY.) 100 MΩ MIN. (AT DRY.)	○	—		
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	○	—		
<p>NOTE. <span style="border: 1px solid black; padding: 0 2px;">1</span> MEASUREMENT POINT OF CONTACT RESISTANCE</p> 						
REMARKS		DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.		<i>T. Hamaya</i> 03.9.20	<i>T. Hamaya</i> 03.9.20	<i>Y. Enomi</i> 03.09.22	<i>H. Miwa</i> 03.09.22	
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test						
<b>HRS</b> HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. DX30A-100P(50)		
CODE NO. (OLD) CL	DRAWING NO. ELC4-027482-01	CODE NO. CL230-0028-8-50		1/1		