


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	125 V AC , 175 V DC	OPERATING HUMIDITY RANGE	% TO %
	CURRENT	0.5 A	APPLICABLE CABLE	UL2789 AWG No.28

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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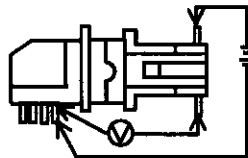
<b>CONSTRUCTION</b>				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING	CONFIRMED VISUALLY.		○	○

<b>ELECTRIC CHARACTERISTICS</b>				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).		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.		9.8 N MIN. 43.2 N MAX.	○ -
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.		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.	○ -

NOTE.  MEASUREMENT POINT OF CONTACT RESISTANCE



REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	<i>T. Kameya</i>	<i>T. Kameya</i>	<i>Y. Enami</i>	<i>H. Miura</i>	
	03.9.20	03.9.20	03.09.22	03.09.22	

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test ○:Applicable Test

<b>HRS</b> HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. DX30A-36P(50)
CODE NO.(OLD) CL	DRAWING NO. ELC4-027479-01	CODE NO. CL230-0024-7-50

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