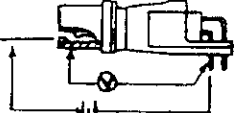


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	°C TO °C			STORAGE TEMPERATURE RANGE	°C TO °C			
	VOLTAGE	200 V AC , 280 V DC			OPERATING HUMIDITY RANGE	% TO %			
	CURRENT	3 A			APPLICABLE CABLE				
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). 1			20 mΩ MAX.			○	○
INSULATION RESISTANCE		500 V DC.			5000 MΩ MIN.			○	○
VOLTAGE PROOF		1000 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			○	○
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES		φ 1.041 MAX φ 0.991 MIN BY STEEL GAUGE.			INSERTION FORCE 3.3 N MAX. EXTRACTION FORCE 0.3 N MIN.			○	—
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE 166.6 N MAX. EXTRACTION FORCE 14.7 N MIN.			○	—
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS. 1			① CONTACT RESISTANCE: 25 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
VIBRATION		FREQUENCY 10 TO 500 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s ² AT 2h, FOR 3 DIRECTIONS.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.						○	—
ENVIRONMENTAL CHARACTERISTICS									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 25 → 85 → 25 °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.			① INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) 1000 MΩ MIN. (AT DRY.) ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			○	—
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, 260 ± 5 °C FOR IMMERSION, DURATION 10 ± 1 S.			NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.			○	—
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245 ± 2 °C FOR IMMERSION, DURATION 3 ± 1 S.			MIN. 95 % OF SOLDER IMMersed AREA SHALL BE COVERED NEW SOLDER COATING.			○	—
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE. 1 MEASUREMENT POINT OF CONTACT RESISTANCE									
Unless otherwise specified, refer to JIS C 5402.					<div style="display: flex; justify-content: space-between;"> 03.09.08 03.09.08 03.09.08 03.09.08 </div>				
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. DN10-50S(50)		
CODE NO.(OLD)		DRAWING NO.			CODE NO.		1/1		
CL		ELC4-021096-01			CL225-0003-1-50				

Apr.1.2017 Copyright 2017 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

TO
Q