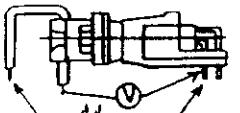


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	°C TO °C			STORAGE TEMPERATURE RANGE	°C TO °C			
	VOLTAGE	200 V AC, 280 V DC			OPERATING HUMIDITY RANGE	% TO %			
	CURRENT	1 A			APPLICABLE CABLE	AWG 26, 28			
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). 			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									
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 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/s² AT 2 h, FOR 3 DIRECTIONS.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—	
SHOCK	490 m/s² 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.			○	—	
REMARKS									
NOTE.  MEASUREMENT POINT OF CONTACT RESISTANCE				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
 Unless otherwise specified, refer to JIS C 5402.				<i>J. Blamire</i>	<i>J. Blamire</i>	<i>J. Blamire</i>	<i>J. Blamire</i>		
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test									
HIROS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET				PART NO.			
CODE NO.(OLD)		DRAWING NO.		CODE NO.		DN30-50P(50)			
CL		ELC4-023741-01		CL225-0028-2-50					