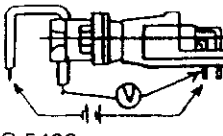


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	°C TO °C			STORAGE TEMPERATURE RANGE	°C TO °C			
	VOLTAGE	200 V AC , 280 V DC			OPERATING HUMIDITY RANGE	% TO %			
	CURRENT	1 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). 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									
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 2 h, 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.			○	—
REMARKS									
NOTE: 1 MEASUREMENT POINT OF CONTACT RESISTANCE					<div style="display: flex; justify-content: space-between;"> <div> DRAWN  <i>T. Hamada</i> </div> <div> DESIGNED <i>T. Hamada</i> </div> <div> CHECKED <i>T. Hamada</i> </div> <div> APPROVED <i>M. Muro</i> </div> <div> RELEASED </div> </div>				
Unless otherwise specified, refer to JIS C 5402.					<div style="display: flex; justify-content: space-between;"> <div>03.8.0</div> <div>03.8.0</div> <div>03.09.03</div> <div>03.09.03</div> </div>				
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test									
HS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET				
CODE NO.(OLD) CL					PART NO. DN30-50P(50)				
DRAWING NO. ELC4-023741-01					CODE NO. CL225-0028-2-50				

TO
Q