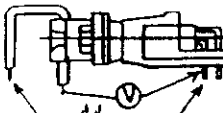


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE															
△					△																			
△					△																			
APPLICABLE STANDARD																								
RATING	OPERATING TEMPERATURE RANGE	°C TO °C			STORAGE TEMPERATURE RANGE	°C TO °C																		
	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>  </div> <div> <table border="1"> <thead> <tr> <th>DRAWN</th><th>DESIGNED</th><th>CHECKED</th><th>APPROVED</th><th>RELEASED</th></tr> </thead> <tbody> <tr> <td><i>T. Hamada</i></td><td><i>T. Hamada</i></td><td><i>T. Hamada</i></td><td><i>T. Hamada</i></td><td><i>T. Hamada</i></td></tr> <tr> <td>03.08.23</td><td>03.08.23</td><td>03.09.23</td><td>03.09.23</td><td></td></tr> </tbody> </table> </div> </div>					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	<i>T. Hamada</i>	<i>T. Hamada</i>	<i>T. Hamada</i>	<i>T. Hamada</i>	<i>T. Hamada</i>	03.08.23	03.08.23	03.09.23	03.09.23	
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Unless otherwise specified, refer to JIS C 5402.																								
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																			