

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△					△					
<b>APPLICABLE STANDARD</b>										
<b>RATING</b>	OPERATING TEMPERATURE RANGE	-40 °C TO +85 °C			STORAGE TEMPERATURE RANGE	— °C TO — °C				
	VOLTAGE	AC125V			OPERATING HUMIDITY RANGE	— % TO — %				
	CURRENT	1 A			APPLICABLE CABLE	AWG No.28(7/0.127) UL20276 INSULATOR DIA φ0.58 CABLE DIA φ6.4				
<b>SPECIFICATIONS</b>										
<b>ITEM</b>	<b>TEST METHOD</b>				<b>REQUIREMENTS</b>				<b>QT</b>	<b>AT</b>
<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).				40 mΩ MAX.				○	—
INSULATION RESISTANCE	250 V DC.				1000 MΩ MIN.				○	—
VOLTAGE PROOF	350 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				○	○
<b>MECHANICAL CHARACTERISTICS</b>										
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.				32 N MAX.				○	—
MECHANICAL OPERATION	20000 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				○	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② CONTACT RESISTANCE: 60 mΩ MAX.				○	—
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.				③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				○	—
<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.				① CONTACT RESISTANCE: 60 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				○	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 60°, 90 ~ 95 %, 96 h.				① CONTACT RESISTANCE: 60 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. (AT DRY.) ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				○	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				NO HEAVY CORROSION.				○	—
MIXED GAS CORROSION	EXPOSED IN SO <sub>2</sub> 10 ppm, H <sub>2</sub> S 3 ppm, 70 ~ 80 % RH, 96 h.									
<b>REMARKS</b>					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
					<i>F. Taniguchi</i>	<i>F. Taniguchi</i>	<i>Y. Enami</i>	<i>H. Miwa</i>		
					04.11.16	04.11.16	04.11.17	04.11.17		
Unless otherwise specified, refer to JIS C 5402.										
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test										
<b>HRS HIROSE ELECTRIC CO., LTD.</b>					<b>SPECIFICATION SHEET</b>					
					PART NO. 3 5 3 0 A - 2 4 P - C V ( 5 0 )					
CODE NO.(OLD) CL			DRAWING NO. ELC4 - 1 2 4 7 8 5 - 0 1			CODE NO. CL 2 3 5 - 0 0 2 4 - 9 - 5 0			1 1	

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Q 1