

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	AC 300 DC 420 V			OPERATING HUMIDITY RANGE	— % TO — %			
	CURRENT	3A			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		1000 mA (DC OR 1000 Hz).			7 mΩ MAX.			○	○
INSULATION RESISTANCE		500 V DC.			1000 MΩ MIN.			○	○
VOLTAGE PROOF		1000 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			○	○
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES		MAX φ 1.041 MIN φ 0.991 BY STEEL GAUGE			INSERTION FORCE 3.34 N MAX EXTRACTION FORCE 0.27 N MIN			○	—
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE 63.7 N MAX.				
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 10 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
VIBRATION		FREQUENCY 10 TO 2000 Hz, SINGLE AMPLITUDE 0.75 mm, 98 m/s ² AT 4 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.							
ENVIRONMENTAL CHARACTERISTICS									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -65 → 5~25 → 125 → 5~25 °C TIME 30 → 10~15 → 30 → 10~15min UNDER 5 CYCLES.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 25~65 °C, 90~96 %, 240 h.			① INSULATION RESISTANCE: AT DRY 1000 MΩ MIN. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO DAMAGE, CRACK AND LOOSENESS,			○	—
REMARKS									
				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
				K. NAGANUMA	K. NAGANUMA	M. NAKAMURA	S. KIKUTA		
Unless otherwise specified, refer to JIS C 5402.				98. 8. 24	98. 8. 24	98. 8. 24	98. 8. 24		
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. S-1624A(09)		
CODE NO.(OLD)		DRAWING NO.		CODE NO.		1/1			
CL		ELC4-005622-01		CL216-0005-6-09					