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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	- % TO - %	STORAGE TEMPERATURE RANGE	- % TO - %	
	VOLTAGE	300 V AC, 420 V DC	OPERATING HUMIDITY RANGE	- % TO - %	
	CURRENT	3 A	APPLICABLE CABLE	-	
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.		X	X	
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	1 A MAX (DC OR 1000 Hz).	7 mΩ MAX.	X	X	
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	X	X	
VOLTAGE PROOF	1000 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	X	
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE: 10 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
VIBRATION	FREQUENCY 10 TO 2000 Hz, SINGLE AMPLITUDE 0.75 mm, 98 m/s ² AT 4 h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.				
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -65 → 5~35 → 125 → 5~35 °C TIME 30 → 2~3 → 30 → 2~3 min UNDER 5 CYCLES	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
DAMP HEAT, CYCLIC (STEADY STATE)	EXPOSED AT 25~65 °C 90~98 % 240 h	1) INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) 1000 MΩ MIN. (AT DRY) 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	-	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	YH. ENAMI	08.03.18
			CHECKED	HO. MIWA	08.03.17
			DESIGNED	KI. NAGANUMA	08.03.17
Unless otherwise specified, refer to JIS C 5402.			DRAWN	KI. NAGANUMA	08.03.17
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-006393-01
HRS	SPECIFICATION SHEET		PART NO.	P-1628BA (09)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL216-0176-9-09	△ 1/1