


<b>APPLICABLE STANDARD</b>				
<b>RATING</b>	OPERATING TEMPERATURE RANGE	- 40 °C TO 85 °C	STORAGE TEMPERATURE RANGE	 - 25 °C TO 60 °C
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	95 % MAX
	CURRENT	1 A	APPLICABLE CABLE	—

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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#### CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X

#### ELECTRIC CHARACTERISTICS


CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	40 mΩ MAX.	X	X
INSULATION RESISTANCE	250 V DC.	1000 MΩ MIN.	X	—
VOLTAGE PROOF	350 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	X


#### MECHANICAL CHARACTERISTICS

INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 27.6 N MAX. EXTRACTION FORCE 27.6 N MAX.	X	—
MECHANICAL OPERATION	20000 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE: 60 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE 0.75 mm, AT 2h, FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 10 μs. 2) CONTACT RESISTANCE: 60 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 10 μs. 2) CONTACT RESISTANCE: 60 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—


#### ENVIRONMENTAL CHARACTERISTICS

DRY HEAT	EXPOSED AT 85 °C , 500h	1) CONTACT RESISTANCE: 60 mΩ MAX. 2) INSULATION RESISTANCE: 1000 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 15~35 → 85 → 15~35 °C TIME 30 → 10~15 → 30 → 10~15 min. UNDER 5 CYCLES.	1) CONTACT RESISTANCE: 60 mΩ MAX. 2) INSULATION RESISTANCE: 1000 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 60 °C, 90 ~ 95 % RH, 96 h.	1) CONTACT RESISTANCE: 60 mΩ MAX. 2) INSULATION RESISTANCE: 1000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	1) CONTACT RESISTANCE: 60 mΩ MAX. 2) NO HEAVY CORROSION.	X	—
MIXED GAS CORROSION	EXPOSED IN SO <sub>2</sub> 10ppm, H <sub>2</sub> S 3ppm, 70~80 % RH, 96h.		X	—

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
				

<b>REMARK</b>  STORAGE TEMPERATURE RANGE SHOWS STORAGE CONDITION FOR UNUSED PRODUCTS INCLUDING PACKING MATERIALS. FOLLOW THE OPERATING TEMPERATURE RANGE FOR STORAGE CONDITION AFTER MOUNTING. Unless otherwise specified, refer to JIS C 5402.	APPROVED	RI. TAKAYASU	10. 10. 15
	CHECKED	YH. ENAMI	10. 10. 15
	DESIGNED	YH. MAMADA	10. 10. 14
	DRAWN	YH. MAMADA	10. 10. 14

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-120709-02
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<b>HRS</b>	SPECIFICATION SHEET	PART NO.	3560-10S (61)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL235-0007-0-61	 1/1