

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-25°C TO +85°C	STORAGE TEMPERATURE RANGE	-25°C TO +60°C	
	OPERATING & STORAGE HUMIDTY RANGE	85%MAX	VOLTAGE	AC 125V	
			CURRENT	0.5 A	
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
ELECTRICAL CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).		65 mΩ MAX. (SIGNAL) <div>1</div>	X	X
INSULATION RESISTANCE	100 V DC.		1000 MΩ MIN.	X	—
VOLTAGE PROOF	250 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	X	X
MECHANICAL CHARACTERISTICS					
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE 25N MAX. WITHDRAWAL FORCE 2.6 N MIN.	X	—
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE 85 mΩ MAX. <div>1</div> 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, 5 min/CYCLE, TOTAL 10 CYCLES.		1) NO ELECTRICAL DISCONTINUITY OF 10 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			X	—
ENVIRONMENTAL CHARACTERISTICS					
THERMAL SHOCK	TEMP -55 →+5 TO +35 →+85 →+5 TO +35 °C TIME 30 → 5 → 30 → 5 min. UNDER 5 CYCLES.		1) CONTACT RESISTANCE: 85 mΩ MAX. <div>1</div> 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
HUMIDITY LIFE	TEMPERATURE 40 °C, HUMIDITY 90 TO 95 %, FOR 96 h		1) INSULATION RESISTANCE: 100 MΩ MIN. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
CORROSION SALT MIST	EXPOSED AT 5 % SALT WATER, FOR 48 h.		NO HEAVY CORROSION THAT LOSE FUNCTION.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
<div>⚠</div>					
REMARK			APPROVED	A0. SUZUKI	10. 10. 06
<div>1</div> EXCLUDES CONDUCTOR RESISTANCE OF CABLE.			CHECKED	YH. ENAMI	10. 10. 06
2 EXAMINATION IS HELD WITH "DH-17-CV * B", "DH40-17S" AND "DH60-17P" OR "DH-17-CT * B", "DH40-17S" AND "DH60A-17P".			DESIGNED	YH. MAMADA	10. 10. 01
Unless otherwise specified, refer to JIS C 5402 .			DRAWN	YH. MAMADA	10. 10. 01
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-127106-00
<div>HRS</div>	SPECIFICATION SHEET		PART NO.	DH40-17S	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL244-0054-0-00	<div>⚠</div> 1/1