

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) ①	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. ① 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 ² 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. ① 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
⚠					
REMARK				APPROVED	A0. SUZUKI 10. 10. 06
① 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
SPECIFICATION SHEET			PART NO.	DH40-17S	
HIROSE ELECTRIC CO., LTD.			CODE NO.	CL244-0054-0-00	⚠ 1/1