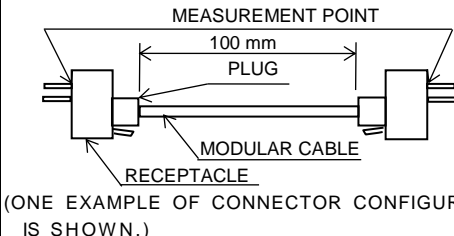


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APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	① -25 °C TO +60 °C	STORAGE TEMPERATURE RANGE	-25 °C TO +60 °C [△]	
	VOLTAGE	125 V AC	CURRENT	500 mA	
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.		X	X	
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz).  (ONE EXAMPLE OF CONNECTOR CONFIGURATION IS SHOWN.)	200 mΩ MAX.	X	X	
INSULATION RESISTANCE	100 V DC.	100 MΩ MIN.	X	X	
VOLTAGE PROOF	500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	X	
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	200 TIMES INSERTIONS AND EXTRACTIONS.	1)CONTACT RESISTANCE: 220 mΩ MAX. 2)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	1)NO ELECTRICAL DISCONTINUITY OF 5 μs. 2)CONTACT RESISTANCE: 220 mΩ MAX. 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	-	
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT,CYCLIC	EXPOSED AT +40 °C, 90 ~ 95 % , 500 h	1)CONTACT RESISTANCE: 220 mΩ MAX. 2)INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) 10 MΩ MIN. (AT DRY) 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55±3 → 5~35 → 85±2 → 5~35 °C TIME 30~35 → 5MAX → 30~35 → 5MAX min UNDER 5 CYCLES.	1)CONTACT RESISTANCE: 220 mΩ MAX. 2)INSULATION RESISTANCE: 100 MΩ MIN. 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	1)CONTACT RESISTANCE: 220 mΩ MAX. 2)NO HEAVY CORROSION.	X	-	
① THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
[△]	2	DIS-E-00002923	KIM JAEHYEON	TU. TANIGUCHI	20200312
REMARK			APPROVED	RI. TAKAYASU	20150415
			CHECKED	RI. TAKAYASU	20150415
			DESIGNED	TS. ITO	20150414
Unless otherwise specified, refer to IEC 60512. [△]			DRAWN	TS. ITO	20150414
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC-041197-51-00	
HRS	SPECIFICATION SHEET		PART NO.	TM11P-66P (51)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2149-9-51	[△] 1/1