

APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	$\triangle 2$ -55°C TO 85°C (NOTE 1)		STORAGE TEMPERATURE RANGE	-10°C TO 60°C	
	VOLTAGE	$\triangle 2$ 50V AC/DC		APPLICABLE CONNECTOR	BM28B0. 6-60DS/2-0. 35V	
	CURRENT	SIGNAL CONTACT : 0. 3A MAX (TOTAL CONTACTS 10A MAX) $\triangle 2$ POWER CONTACT : 5. 0A				
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	20mV AC OR LESS 1kHz, 1m A .			Signal contact resistance: 70 mΩ MAX. $\triangle 2$ Power contact resistance: 15 mΩ MAX. $\triangle 2$	X	—
INSULATION RESISTANCE	100V DC.			50MΩ MIN.	X	—
VOLTAGE PROOF	150V AC FOR 1 min. $\triangle 2$			NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS						
MECHANICAL OPERATION	10TIMES INSERTIONS AND EXTRACTIONS.			① Signal contact resistance: 70 mΩ MAX. $\triangle 2$ Power contact resistance: 15 mΩ MAX. $\triangle 2$ ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55 TO 10 Hz, APPROX 5min, SINGLE AMPLITUDE 0.75 mm, 10CYCLES, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
ENVIRONMENTAL CHARACTERISTICS						
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → +85°C TIME 30 → 30 min UNDER 5 CYCLES. (RELOCATION TIME TO CHAMBER : WITHIN 2-3 min)			① Signal contact resistance: 70 mΩ MAX. $\triangle 2$ Power contact resistance: 15 mΩ MAX. $\triangle 2$ ② INSULATION RESISTANCE: 50MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			① Signal contact resistance: 70 mΩ MAX. $\triangle 2$ Power contact resistance: 15 mΩ MAX. $\triangle 2$ ② INSULATION RESISTANCE: 25MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SULPHUR DIOXIDE	EXPOSED IN 25 PPM FOR 96h, 25°C, 75%. (REFER TO JIS C 60068)			① Signal contact resistance: 70 mΩ MAX. $\triangle 2$ Power contact resistance: 15 mΩ MAX. $\triangle 2$	X	—
COUNT	DESCRIPTION OF REVISIONS			DESIGNED	CHECKED	DATE
$\triangle 2$ 9	DIS-H-00019757			ST. HIRONAKA	RT. SHIMIZU	20240125
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT				APPROVED	MO. ISHIDA	20150702
				CHECKED	TS. MIYAZAKI	20150702
				DESIGNED	YK. SATAKE	20150702
				DRAWN	YK. SATAKE	20150702
Unless otherwise specified, refer to JIS C 5402 and IEC 60512.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.	ELC-365145-51-00	
HRS	SPECIFICATION SHEET			PART NO.	BM28B0. 6-60DP/2-0. 35V (51)	
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL0673-5037-0-51	$\triangle 2$ 1/1