APPLICA	BLE STAN	IDARD										
OPERATIN TEMPERA		RE RANGE	-40°C TO 85°C(NOTE 1)		TEM	STORAGE TEMPERATUR		E	-10°C TO 60°C			
RATING	VOLTAGE		30V AC/DC		APPLICABLE CONNECTO				BM24-40DS/2-0.35)	
	CURRENT		SIGNAL CONTACT : 0.25A									
			POWER CONTACT : 5.0A									
	SPECIFICATIONS											
ITEM			TEST METHOD			REQUIREMENTS				QT	AT	
CONSTR	UCTION	•	·									
GENERAL E	XAMINATIO	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				Х	Х	
MARKING		CONFIRMED VISUALLY.			Х					Х		
ELECTRIC CHARACTERISTICS												
		20mV AC OR LESS 1kHz,1m A .				Signal contact resistance: $100 \text{ m} \Omega \text{MAX}$. Power contact resistance: $15 \text{ m} \Omega \text{MAX}$.				Х	-	
INSULATION RESISTANCE		100V DC.			100MΩ MIN.				Х	_		
VOLTAGE PROOF		150V AC	150V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				1_	
MECHAN	ICAL CH	ARACTI	ERISTICS			I						
MECHANICAL OPERATION		10TIMES INSERTIONS AND EXTRACTIONS.				 Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX. 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.				 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				х	_	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				x	_	
ENVIRO	NMENTAL	CHAR	ACTERISTICS							_		
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → +85°C TIME 30 → 30 min UNDER 5 CYCLES.			 Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX. INSULATION RESISTANCE: 100MΩ MIN. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				x	_		
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			 Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX. INSULATION RESISTANCE: 50MΩ MIN. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				x	_		
SULPHUR DIIOXIDE		EXPOSED IN 25 PPM FOR 96h,25°C,75%. (REFER TO JIS C 60068)			 Signal contact resistance: 100 m Ω MAX. Power contact resistance: 15 m Ω MAX. NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF CONNECTOR. 				x	_		
COUN	T D	ESCRIPTI	ON OF REVISIONS	DESIG		SNED			CHECKED		ATE	
REMARKS NOTE1: INCLUDE THE TEMPERATURI			RISING BY CURRENT.				APPRO\ CHECK		MO. ISHIDA TS. MIYAZAKI		12. 14 12. 14	
I laless otherwise specified refe			for to 118 C 5402 and 15C 60542			DESIGNED DRAWN			NY. YAMASHIRO	15. 12. 14		
Unless otherwise specified, refer to JIS C 5402 and IEC 60512. Note QT:Qualification Test AT:Assurance Test X:Applicable Test D					DRAWN KR. AJITO RAWING NO. ELC-357613-							
	KS SPECIFICATION SHEET PART					NO. BM24-40DP/2-0. 35V (53)						
		ROSE ELECTRIC CO., LTD.			CODE NO.		CL	CL677-2009-0-53			1/1	