APPLICA	ABLE ST	ANDARD								
	Operating	•	-40°C to 85°C (N	lote 1)	Storage			-10°C TO 6	0°C	
	Temperature Range Voltage		` ,			Temperature Range				
RATING	O		30V AC/DC Signal contact: 0.3A		Applicable Connector			BM25-4P/2-V (**)		
	Current 4		Power contact : 10.		ATIONS					
				iFIC/	ATIONS	•				1
	TEM RUCTION	\I	TEST METHOD				REQU	IREMENTS	QT	АТ
General Exa		1	Visually and by measuring instrument.			According to drawing.				Х
Marking			Confirmed visually.			According to drawing.				X
g		00111111100	vioudily.		7,1000	ording to d			Х	
FLECTR	IC CHAI	RACTERIS	TICS							
Contact Res			or less 1kHz,1m A .		Sign	al contact	resista	nce: 30 mΩ MAX.	X	
			<u> </u>			Power contact resistance: 5 mΩ MAX.				
Insulation Resistance			100V DC.			1000 MΩ MIN.				-
Voltage Proof		150V AC f	or 1 min.	No fi	No flashover or breakdown.				L	
MECHA	NICAL C	HARACTE	DICTICC							
MECHAI	NICAL C	HARACIE	RISTICS		① S	Signal con	tact resi	istance: 30 mΩ MAX.		
Mechanical Operation Vibration		10times in	10times insertions and extractions. Frequency 10 to 55 to 10 Hz, approx. 5min, Single amplitude 0.75 mm,10cycles, for 3 directions.			Power contact resistance: 5 mΩ MAX. ② No damage, crack or looseness of parts. ① No electrical discontinuity of 1 μs. ② No damage, crack or Looseness of parts.				_
		Frequency								
		Single am								-
Shock		490 m/s ² (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. 				_
OHOCK		for 3 direc								
ENVIRO	NMENTA		CTERISTICS		① C	Signal con	toot rooi	istance: 20 mQ MAV		1
Rapid Chan	ge of	Time	Temperature $-55 \rightarrow +85^{\circ}\text{C}$ Time $30 \rightarrow 30 \text{ min}$			① Signal contact resistance: 30 mΩ MAX. Power contact resistance: 5 mΩ MAX.				
Temperatur	е		Under 5 cycles. (Relocation time to chamber : within 2-3 min)			② Insulation resistance: 1000MΩ MIN.③ No damage, crack or looseness of parts.				-
		(ivelocation	Turne to chamber: within 2-4	3 111111)				istance: 30 mΩ MAX.		
•		Exposed a	Exposed at 40 ± 2 °C, 90 to 95 %, 96 h.			Power contact resistance: $5 \text{ m}\Omega \text{ MAX}$. (2) Insulation resistance: $100\text{M}\Omega \text{ MIN}$.				
(Olcady Stat						No damage, crack or looseness of parts.				
Sulphur Dioxide			Exposed in 25 PPM for 96h,25°C,75%.			Signal contact resistance: 30 m Ω MAX. Power contact resistance: 5 m Ω MAX.				_
•		(Refer to 3	(Refer to JIS C 60068)			er contact	resista	nce. 5 mg wax.		
Damp Heat (Steady stat Sulphur Dio	te)	Exposed in	n 25 PPM for 96h,25°C,75°		P ② Ii ③ N Sign	Power confinsulation in the damage and contact and con	tact resi resistan e, crack resista	stance: $5 \text{ m}\Omega \text{ MAX}$. ice: $100\text{M}\Omega \text{ MIN}$. ic or looseness of parts. ince: $30 \text{ m}\Omega \text{ MAX}$.		X
A	.		ESCRIPTION OF REVISIONS			DESIGNED CHECKED TR. YUNOKI TS. MIYAZAKI			-	TE
TEMARKS		DIS-H	DIS-H-00001221			٨٥٥٥	OVED	TS. MIYAZAKI	15. 1	
_	e the tempera	ture rising by curi	rent			-	CKED	KH. IKEDA WR. FUKUCHI	14.0	
						-	GNED	YK. KOBAYASHI		
Unless oth	erwise spe	ecified, refer t	o JIS C 5402 and IEC 6		DRAWN		YK. KOBAYASHI 14. 07.		7. 29	
Note QT:0	Qualification	Test AT:Ass	urance Test X:Applicable T	DRAWING NO.			ELC4-358233-01			
HS		SPECIFICATION SHEET			PART NO. BM25-4S/2-V(51)		<u> </u>			
	H	IROSE EL	ECTRIC CO., LTD.		CODE NO	(CL677-1200-0-51 🛕 1			1/1