APPLICA	BLE STAN	DARD								
RATING	OPERATING TEMPERATURE RANGE		1 10°C TO 10°C			PPLICABLE ABLE Φ8.5±0. URRENT 1 A		Φ8.5±0.3		
KATING	VOLTAGE		250 V AC CUR					1 A		
			SPEC	IFICA	OIT	NS				
	ГЕМ		TEST METHOD				REQU	JIREMENTS	QT	АТ
	RUCTION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				X
MARKING		CONFIRM	CONFIRMED VISUALLY.							X
ELECTR	IC CHARA	CTERI	STICS			•				
CONTACT RE	ESISTANCE	20 m	V MAX, 10 mA (DC OR 1000	0 Hz).				CT: 70 m Ω MAX. 10 m Ω MAX	X	X
INSULATION	RESISTANCE	250 V DC.				1000 MΩ MIN.			X	X
VOLTAGE PR	ROOF	500 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.			X	X
MECHANIC	AL CHARACTI	ERISTICS								
INSERTION A	ND	MEASURI	ED BY APPLICABLE CONNECT	ΓOR.		INSERT	ION FORCE	58.8 N MAX.	Тх	T-
WITHDRAWA	L FORCES					EXTRA	CTION FARCE	14.7 N MIN.		
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.			1) CONTACT RESISTANCE: 70 mΩ MAX. SHELL RESISTANCE:10 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			x	_	
VIBRATION		FREQUENCY 10 TO 500 Hz SINGLE AMPLITUDE 0.75 mm, 98 m/s ² AT 3h FOR 6 DIRECTIONS.				1) NO ELECTRICAL DISCONTINUITY OF 1μs. 2) CONTACT RESISTANCE: 70 mΩ MAX. SHELL RESISTANCE:10 mΩ MAX 3) NO DAMAGE, CRACK AND LOOSENESS			X	-
SHOCK			m/s ² DIRECTIONS OF PULSE			OF	PARTS.		V	
<u></u>			TIMES FOR 3 DIRECTIONS	S.					X	
ENVIRO RAPID CHAN			ACTERISTICS ATURE $-40 \rightarrow 5 \text{ TO } 35 \rightarrow 10$			Lo		ANCE: 70 mΩ MAX.		_
TEMPERATURE DAMP HEAT/ CURRENT CARRYING		TIME $30 \rightarrow 5 \rightarrow 30 \rightarrow 5$ min. UNDER 10 CYCLES. MATED CONNECTOR WITH CONTACTS CONNECTED IN SERIES. EXPOSED WITH CURRENT CARRYING AT TEMPERATURE 85°C, HUMIDITY 85% FOR 1000h. DC 0.5A, 30V LEAVE AT ROOM TEMPERATURE FOR 2h AFTER			SHELL RESISTANCE: 10 mΩ MAX. 2) INSULATION RESISTANCE: 1000 MΩ MIN. 3) NO FLASHOVER OR BREAKDOWN. 4) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				_	
DRY HEAT/ CURRENT CARRYING		TESTING MATED CONNECTOR WITH CONTACTS CONNECTED IN SERIES. EXPOSED WITH CURRENT CARRYING AT TEMPERATURE 105°C, FOR 1000h. DC 0.5A, 30V LEAVE AT ROOM TEMPERATURE FOR 2h AFTER TESTING								
COLD RESISTANCE			EAVE AT -40 °C, FOR 500h EAVE AT 5 TO 35°C FOR 1 TO 2h AFTER ESTING.			1) CONTACT RESISTANCE: 70 mΩ MAX. SHELL RESISTANCE: 10 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				_
CORROSION SALT MIST		EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.			1) CONTACT RESISTANCE: $70~\text{m}\Omega$ MAX. SHELL RESISTANCE: $10~\text{m}\Omega$ MAX. 2) INSULATION RESISTANCE: $25~\text{M}\Omega$ MIN. 3) NO HEAVY CORROSION.				_	
				1						
COUN	IT D	ESCRIPTI	ON OF REVISIONS		DESIG	SNED		CHECKED	DA	ATE
				<u> </u>			ADDDC: (55	DI TIVOVANI	1.0	
KEWAKK	EMARK					APPROVED		RI. TAKAYASU	_	07. 25
							CHECKED	EJ. WAKATSUKI	-	07. 25
 	hamidaa	ا مائلم	ofor to 110 0 5400				DESIGNED	TS. ITO	-	07. 25
Unless otherwise specified, r						DRAWN		TY. 170	12.07.23	
		t AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-122493-02 40B-2015S-CVS (50)		
HS			CATION SHEET		PART			·		Ι.
	HIR	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL230-0533-0-50		Δ	1/2

		SPECIFICA	ATIOI	NS				
IT	EM	TEST METHOD			REQU	JIREMENTS	QT	АТ
MIXED GAS		SULFUR DIOXIDE: 10 PPM HYDROGEN SULFIDE: 3 PPM TEMPERATURE: 40±2 °C HUMIDITY: 70 TO 80 % EXPOSED FOR 96 h		SHE		NCE: $70 \text{ m}\Omega$ MAX. DE: $10 \text{ m}\Omega$ MAX. SION.	Х	_
MACHINING O	IL	SOAK IN MACINING OIL AT TEMPERATURE 85 °C FOR 100h TESTED WITH 3 DIFFERENT OILS SEPARATELY UNISOLUBLE HD, UNISOLUBLE CC AND UNICUT	: TB15	SHE 2) INSU 3) NO F 4) NO D	LL RESISTANC ILATION RESIS LASHOVER OF	NCE: 70 m Ω MAX. CE: 10 m Ω MAX. STANCE: 500 MΩ MIN R BREAKDOWN. CK AND LOOSENESS	J. X	_
RESISTANCE SOLDERING H		SOLDER TEMPERATURE 350 \pm 10 °C, DURATIO 3 \pm 0.5 s AND 260 \pm 5°C, DURATION10 \pm 1 s IMMERSION.		ı	FORMATION OF NESS OF THE	CASE AND EXCESSIVE TERMINALS.	X	-
SOLDERABILI [*]	TY	SOLDERED AT SOLDER TEMPRATURE 230 \pm 5 FOR IMMERSION, DURATION 3 \pm 0.5 s.	°C	BE	% OF SOLDER ED NEW SOLD	IMMERSED AREA SHAL DER COATING.	- X	_
Note QT:Qu	alification Test	AT:Assurance Test X:Applicable Test	D	RAWIN	IG NO.	ELC4-1224	93-02	
	alification Test AT:Assurance Test X:Applicable Test				I			
HS.		OSE ELECTRIC CO., LTD.	PART NO. CODE NO			40B-2015S-CVS)-0533-0-50	T .	2/2
EODM HDOO11		THROOL LLLGTRIG GO., LTD.			32230 3330 0 30			