APPLICABI	_E STANDA	RD							
RATING	OPERATING TEMPERATURE RANGE VOLTAGE		-25 °C TO +85	°C	STORAGE TEI RANGE	IPERATURE	-10 °C TO +60	°C	
			AC 30 V, DC 42 V						
	CURRENT	2 A (4) APPL				LICABLE CABLE			
			SPEC	IFICATI	ONS				
IT	EM		TEST METHOD			REQL	JIREMENTS	QT	A
CONSTRU	CTION	•						•	
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDI	ACCORDING TO DRAWING.			>
MARKING		CONFIRMED VISUALLY.				7			>
ELECTRIC	CHARACTE	RISTICS						•	
CONTACT RESISTANCE		CONTACT SHALL BE MEASURED AT DC 1 A				mΩ MAX.		Х)
		CONTACT SHALL BE MEASURED AT DC A			—	— mΩ MAX.			_
INSULATION RESISTANCE		100 V DC.			1000	1000 MΩ MIN.			>
VOLTAGE PROOF		300 V AC FOR 1 min.			NO FLAS	NO FLASHOVER OR BREAKDOWN.			>
MECHANIC	AL CHARA	CTERIST	ICS					•	
CONTACT INSERTION AND WITHDRAWAL FORCES		BY STEEL GAUGE.			INSERTI	INSERTION AND WITHDRAWAL FORCES : N MIN.			-
		MEASURED BY APPLICABLE CONNECTOR LOCKING DEVICE WITH LOCK.			INSERTI	INSERTION AND WITHDRAWAL FORCES : 50 N MAX.			-
MECHANICAL OPERATION VIBRATION SHOCK		1000 TIMES INSERTIONS AND EXTRACTIONS.			CONTACT	CONTACT RESISTANCE: 30 mΩ MAX.			_
		THE HOLMING AND LATRAUTIONS.							+
						The magnetic magneti			-
		FREQUENCY 10 TO 55 Hz (1CYC, 5min), SINGLE AMPLITUDE 0.75 mm, AT 10CYC, FOR 3 DIRECTIONS			-	(2) NO ELECTRICAL DISCONTINUITY OF 10 µs. (2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			
		IN OPPOSITE DIRECTIONS OF EACH 3 DEMENSION ALAXIS			-	(1) NO ELECTRICAL DISCONTINUITY OF 10 μ s.			_
		FOR 3 TIMES AT 490 m/s ² DURATIONS OF PULSE 11 ms.				② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			
CONTACT RETENTION		APPLYING A PULL FORCE THE WIRE AFTER THE APPLICABLE				20 N M		х	_
FORCE		CRIMPED CONTACT IS ASSEMBLED THE BODY							
BREAKING STRENGTH		MAX 30N SHALL BE APPLIED TO CABLE IN UP AND DOWN,			NO BREA	NO BREAKAGE OF CONNECTOR.			_
		LEFT AND F	RIGHT DIRECTIONS WHEN MATED						
ENVIRONN	IENTAL CH	ARACTER	RISTICS						
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.			1 INSU	 INSULATION RESISTANCE: 10 MΩ MIN (AT HIGH HUMIDITY). INSULATION RESISTANCE:100 MΩ MIN (AT DRY). NO DAMAGE. CRACK AND LOOSENESS OF PARTS. 			-
					(AT				
					-				
		TEMPERATURE $-55 \rightarrow R/T^{(1)} \rightarrow +85 \rightarrow R/T^{\circ}C$			① INSU	① INSULATION RESISTANCE: 100 MΩMIN.			-
		TIME 30 \rightarrow 10 TO 15 \rightarrow 30 \rightarrow 10 TO 15 min UNDER 5 CYCLES.			② NO D	② NO DAMAGE. CRACK AND LOOSENESS OF PARTS.			
		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAV	NO HEAVY CORROSION.			_
DRY HEAT		EXPOSED AT + 85 °C , 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			-
COLD		EXPOSED AT – 55 °C , 96 h.			NO DAMA	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
SEALING ⁽³⁾		EXPOSED AT A DEPTH OF 1m FOR 0.5 h.			NO WATE	NO WATER PENETRATION INSIDE CONNECTOR.			
AIRTIGHTNESS ⁽³⁾		APPLY AIR PRESSURE 17.6 kPa FOR 0.5min TO INSIDE CONNECTOR			E NO AIR	NO AIR BUBBLES INSIDE CONNECTOR			-
COUN	T DE	SCRIPTIC	ON OF REVISIONS	D	DESIGNED		CHECKED	DA	λΤΕ
Ø									
REMARK	I					APPROVED	HY. KOBAYASHI	18.0)3 1
NOTES(1) R/	T : ROOM TEMP	ERATURE				CHECKED HY. KOBAYASHI		18.0	
(2) ABOVE SPECIFICAT		IONS SHOWS THE VELVE IN ASSEMBLED CONDITION WIT			N WITH	DESIGNED	DS. MATSUNE	18.03.16	
APPI	ICABLE CRIM	CONTACT. IGHTNESS SHALL BE TESTED BY APPLCIABLE CONNECTOR IS THE MAXIMUM CURRENT FLOW PER CONTACT. CITY OF WHOLE CONNECTOR IS 20.4 A MAX.							
(4)2 A	RATE CURREN				NECTOR.	R. DRAWN DS. MATSUNE		18.0	03. 1
Jnless oth	erwise spe	cified, re	fer to IEC 60512.(JIS C	C 5402)				L	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				est	DRAWIN	DRAWING NO. ELC-112155-31			0
HRS 📃 🗄		PECIFICATION SHEET OSE ELECTRIC CO., LTD.		F	PART NO.	ŀŀ	HR30-7R-12PC(31)		
HRS						-			r –