APPLICA	BLE STA	ANDARD											
OPERATING		ì	−25 °C TO +85	°C	STOR	RAGE TEN	MPERATURE	E	-25 °C TO +85	o°C			
RATING	TEMPERATURE RANGE				RANG	ìE							
	VOLTAGE		AC 100 V , DC 1	40 V						_			
	CURRENT						LICABLE CABLE $\phi$ 10						
			SPEC	IFIC/	OIT/	NS							
IT	EM		TEST METHOD				F	REQU	IREMENTS	QT	AT		
CONSTR	UCTIO	N									•		
GENERAL EXAMI	NATION	VISUALLY	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				X		
MARKING		CONFIRMED	CONFIRMED VISUALLY.				7				X		
ELECTRI	IC CHAI	RACTERI	CTERISTICS										
CONTACT RESIS	STANCE	CONTACT S	CONTACT SHALL BE MEASURED AT DC 1 A				20 mΩ MAX.				Τ-		
INSULATION RE	ESISTANCE	100	100 V DC.			1000 MΩ MIN.				T <sub>X</sub>	X		
VOLTAGE PROOF	<del></del>	300	300 V AC. FOR 1 min.			NO FLASHOVER OR BREAKDOWN.				+	X		
			ERISTICS			110 12.10	moren on	DITE			1 / `		
CONTACT INSER	RTION AND		$\phi$ 0. 53 $\pm$ 0. 003 BY STEEL GAUGE.				INSERTION AND WITHDRAWAL FORCES : 0.15 N MIN.				<u> </u>		
CONNECTOR INS		MEASURED	MEASURED BY APPLICABLE CONNECTOR.				INSERTION AND WITHDRAWAL FORCES				1		
WITHDRAWAL FO							LOCKING DEVICE WITH UNLOCK : 70 N MAX. LOCKING DEVICE WITH LOCK : — N MAX.				-		
MECHANICAL OF	PERATION	100 TIM	100 TIMES INSERTIONS AND EXTRACTIONS.				CONTACT RESISTANCE: 20 mΩ MAX.						
VIBRATION		FREQUENCY	FREQUENCY 10 TO 500 Hz, SINGLE AMPLITUDE 0.75 mm,				TNO ELECTRICAL DISCONTINUITY OF 10 µs.				+		
		98 m/s² D	98 m/s <sup>2</sup> DIRECTIONS AT 2 h, FOR 3 DIRECTIONS.				②NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				_		
SHOCK			490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES				① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.						
			FOR 6 DIRECTIONS.					RACK A	ND LOOSENESS, OF PARTS.	X	<u> </u>		
CONTACT RETEN	NSION FORCE		APPLYING A PULL FORCE THE WIRE AFTER THE APPLICABLE CRIMPED CONTACT IS ASSEMBLED WITH THE BODY.				IN.			X	_		
FNVIRON	MENT	AL CHAR	ACTERISTICS								1		
DAMP HEAT	11012111		EXPOSED AT 40 °C. 90 TO 95 %. 96 h.				LATION RE	SISTA	NCE: 5 MΩ MIN		1		
(STEADY STATE	Ξ)	EM GOED 7	EXTOSED AT 40 C, 90 TO 93 70, 90 TI.				(AT HIGH HUMIDITY).				-		
, , , , , , , , , , , , , , , , , , , ,	,						② INSULATION RESISTANCE: 50 MΩ MIN (AT DRY). ③ NO DAMAGE.CRACK AND LOOSENESS OF PARTS.						
RAPID CHANGE	0F	TEMPERATU	TEMPERATURE $-55 \rightarrow R/T^{(1)} \rightarrow +85 \rightarrow R/T$ °C				① INSULATION RESISTANCE: 1000 M $\Omega$ MIN				_		
TEMPERATURE			TIME 30 → 10 TO 15 → 30 → 10 TO 15 min				② NO DAMAGE. CRACK AND LOOSENESS OF PARTS.						
			UNDER 5 CYCLES.								-		
CORROSION SAL	_T MIST	EXPOSED I	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSIN RUIN THE FUNCTION.				Х	-		
DRY HEAT		EXPOSED A	EXPOSED AT + 85 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				Х	_		
COLD		EXPOSED A	EXPOSED AT - 55 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				X			
SEALING		EXPOSED A	EXPOSED AT A DEPTH OF 1.8 m FOR 48 h.			NO WATER PENETRATION INSIDE CONNECTOR.				Х			
AIRTIGHTNESS			APPLY AIR PRESSURE 40 kPa FOR 30 s TO INSIDE CONNECTOR.			NO AIR BUBBLES INSIDE CONNECTOR.			X	-			
COUN	Т	DESCRIPTI	RIPTION OF REVISIONS DES		DESIG	GNED CHECKED				DA	\TE		
0													
REMARK							APPRO	VED	MO. SATOH	07.0	01. 23		
NOTE (1) R/T:F	ROOM TEMPE	RATURE.	URE.				CHECKED		EJ. KUNI I	07. 01. 23			
		SHOWS THE VA	WS THE VALVE IN ASSEMBLED CONDITION WITH APPLICAB				LE DESIGNED		HS. KAWASHIMA	07. 01. 23			
CRAMP CONTAC		:£:	cified, refer to JIS C 5402.				DRAWN		MK. SATO	07. 01. 17			
							RAWING NO.		ELC4-042799-73				
	Jamication		est AT:Assurance Test X:Applicable Test										
HS.	<u> </u>	SPECIFICATION SHEET			PART		HR22-12WTPA-20SC (7:			•	411		
	<u> </u>	HIROSE ELECTRIC CO., LTD.			CODE	NO. CL122-0004-7-73			:-UUU4- <i> </i> -/3	Δ_	1/1		