APPLICA	BLE ST	ANDARD									
RATING	OPERATING TEMPERATURE RANGE		-25 °C TO +85 °C STOR,				MPERATURE		-10 °C TO +60	°C	
	VOLTAGE		AC 30 V , DC 42 V							_	
	CURRENT						CABLE			_	
			SPE	CIFICA	TIONS	3		-			
IT	ГЕМ		TEST METHOD	<u> </u>			R	FQU	IREMENTS	QT	AT
CONSTRU			TEOT METHOD				- 1	LQU	II CEMILITY O	1 41	1711
GENERAL EXAM		VISUALLY	AND BY MEASURING INSTRUMENT			ACCORDI	NG TO DRA	WING		Х	X
MARKING			CONFIRMED VISUALLY.				ACCORDING TO DRAWING.				
ELECTRIC CHARACTE										X	
CONTACT RESISTANCE			CONTACT SHALL BE MEASURED AT DC 1 A				15 mΩ MAX.				Τ_
INSULATION RESISTANCE			100 V DC.				1000 MΩ MIN.				X
VOLTAGE PROOF			300 V AC. FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				
		RACTERIST				NO I LAS	IIOVEN ON	DIVLAN	ADOMN.	X	1 ^
						INCEDTI	ON AND WI	THIDDA	WAL EODOES : O 15 N MIN	Π	
CONTACT INSERTION AND WITHDRAWAL FORCES		φ0.53 ±	φ 0. 53 ± 0. 003 BY STEEL GAUGE.				INSERTION AND WITHDRAWAL FORCES : 0.15 N MIN.				_
CONNECTOR INSERTION AND WITHDRAWAL FORCES MECHANICAL OPERATION		D MEASURED	MEASURED BY APPLICABLE CONNECTOR.				INSERTION AND WITHDRAWAL FORCES				
							LOCKING DEVICE WITH UNLOCK : — N MAX.				-
		1000 TIM	1000 TIMES INSERTIONS AND EVERYOUS				LOCKING DEVICE WITH LOCK : 50 N MAX.				1
VIBRATION			1000 TIMES INSERTIONS AND EXTRACTIONS.				CONTACT RESISTANCE: 30 mΩ MAX.				\vdash
			FREQUENCY: $10 \rightarrow 55 \rightarrow 10$ (Hz) (1CYC, 5min),				①NO ELECTRICAL DISCONTINUITY OF 10 μs.				
			SINGLE AMPLITUDE 0.75 mm, AT 10 CYC, FOR 3 DIRECTIONS.				②NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				-
SHOCK			490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES				① NO ELECTRICAL DISCONTINUITY OF 10 μs.				
			FOR 3 DIRECTIONS.				② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				_
CONTACT RETE	NTION FORC	F APPLYING	APPLYING A PULL FORCE THE WIRE AFTER THE APPLICABLE				N MIN.		·	X	
			ONTACT IS ASSEMBLED THE BOD							X	l _
ENVIRONI	MENTAL	CHARACTER								1 / `	
DAMP HEAT			EXPOSED AT 40 °C. 90 TO 95 %, 96 h.				① INSULATION RESISTANCE: 10 MΩ MIN				
(STEADY STATE)			2. 10 02. 10 10 00 73, 00 11.			(AT HIGH HUMIDITY).					
							LATION RE	SISTA	NCE: 100 MΩ MIN (AT	x	l _
										`	
_							③ NO DAMAGE. CRACK AND LOOSENESS OF PARTS.				
RAPID CHANGE OF		TEMPERATU	TEMPERATURE $-55 \rightarrow R/T^{(1)} \rightarrow +85 \rightarrow R/T$ °C			① INSULATION RESISTANCE: 100 M Ω MIN.					
TEMPERATURE			TIME 30 \rightarrow 10 TO 15 \rightarrow 30 \rightarrow 10 TO 15 min UNDER 5 CYCLES.				② NO DAMAGE. CRACK AND LOOSENESS OF PARTS.				-
CORROSION SALT MIST		EXPOSED I	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				NO HEAVY CORROSIN RUIN THE FUNCTION.				_
DRY HEAT		EXPOSED A	EXPOSED AT + 85 °C , 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
COLD		EXPOSED A	EXPOSED AT - 55 °C , 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				1_
SEALING			EXPOSED AT A DEPTH OF 1 m FOR 0.5 h.				NO WATER PENETRATION INSIDE CONNECTOR.				
ALDTICUTNESS							NO ALD DUDDI SE INCIDE CONNECTOD				+-
AIRTIGHTNESS			APPLY AIR PRESSURE 17.6kPa FOR 0.5min TO INSIDE CONNECTOR.			NO AIR BUBBLES INSIDE CONNECTOR.				X	_
COUN	IT	DESCRIPTION	ON OF REVISIONS		DESIG	NED			CHECKED	DΑ	TE
0											
REMARK	•			•			APPRO\	/ED	SU. OBARA	09. 1	2. 09
NOTES(1)R/T	: ROOM T	EMPERATURE					CHECK		HY. KISHI		
(2) ABO	VE SPECIF	ICATIONS SHOW	IONS SHOWS THE VELVE IN ASSEMBLED CONDITION WITH							09. 12. 09	
		RIMP CONTACT.				DESIGNED		1CD	TY. SUZUKI		Z. U9
• •			IGHTNESS SHALL BE TESTED BY APPLICABLE CONNECTOR.								
			IS THE MAXIMUM CURRENT FLOW PER CONTACT.			DRAWN		/N	TY. SUZUKI 09. 1:		2. 09
Unless otherwise specified, refer to JIS C 5402. Note QT:Qualification Test AT:Assurance Test X:Applicable Test					RAWING NO. ELC4-116507			 			
		SPECIFICATION SHEET				ART NO.		HR30-7PB-12SC			
H(7)			ACCE EL FOTDIO CO. L. TD.						<u>^</u>	1/ 1	
ORM HD0011-		III VOGE EL	LOTAIO GO., LTD.		CODE	NU.	_ UL	ıst	J-0033-0-00 A	<u> </u>	1/ 1