APPLICA	BLE	STA	ANDARD											
OPERATING TEMPERAT							RAGE TE	MPERATURE	_	10 °C TO	+60	°C		
	VOLTA	GE	AC 30 V , DC 42 V									_		
	CURRE	NT	2 A APPLICABLE CABLE									_		
				SPEC	CIFICA	NOITA	S							
ITEM CONSTRUCTION			TEST METHOD					REQUIREMENTS QT A						
		<u> </u>	W. O. I. I. V	AND DV MEAGURING INCIDINGNE			1000DD1	NO TO DRAWI	NO.			Tv	Tv	
GENERAL EXAMINATION			VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.					X	X	
MARKING			CONFIRMED VISUALLY.										^	
ELECTRIC CHARAC			1									- V	T v	
			CONTACT SHALL BE MEASURED AT DC 1 A				15 mΩ MAX.					X	X	
INSULATION RESISTANCE		Œ	100 V DC.				1000 MΩ MIN.					X	X	
VOLTAGE PROOF  MECHANICAL CHAF								NO FLASHOVER OR BREAKDOWN.					Χ	
			RACTERIST				1					T	1	
CONTACT INSERTION AND WITHDRAWAL FORCES			BY STEEL GAUGE.					INSERTION AND WITHDRAWAL FORCES : — N MIN.					-	
CONNECTOR INSERTION AND			MEASURED BY APPLICABLE CONNECTOR.					INSERTION AND WITHDRAWAL FORCES						
WITHDRAWAL FORCES								LOCKING DEVICE WITH UNLOCK : - N MAX.					_	
							LOCKING DEVICE WITH LOCK : 50 N MAX.							
MECHANICAL OPERATION			1000 TIMES INSERTIONS AND EXTRACTIONS.					CONTACT RESISTANCE: 30 mΩ MAX.					_	
VIBRATION			FREQUENCY: $10 \rightarrow 55 \rightarrow 10 \text{ (Hz) (1CYC, 5min)},$					①NO ELECTRICAL DISCONTINUITY OF 10 μs.					_	
SHOCK			SINGLE AMPLITUDE 0.75 mm, AT 10 CYC, FOR 3 DIRECTIONS.				_			IESS, OF PARTS	S	X		
			490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES					① NO ELECTRICAL DISCONTINUITY OF 10 μs.						
			FOR 6 DIRECTIONS.				② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.					X	_	
BREAKING STRE	ENGTH (3)		MAX 30N SHALL BE APPLIED TO CABLE IN UP AND DOWN,				NO BREAKAGE MAX 30N.					Х	_	
	AENIT.	۸۱ ۲		T DIRECTIONS WHEN MATED.										
	VIEIV I /		CHARACTER				@ 111011	LATION DEGI	OTANOF: 40			1	1	
DAMP HEAT (STEADY STATE)			EXPOSED AT 40 °C, 90 TO 95 %, 96 h.				_	LATION RESI		) WZ MIN				
(STEADT STATE)								HIGH HUMID ATION RESI		MΩ MIN (AT	DRY)	Х	_	
							_			JESS OF PARTS.				
RAPID CHANGE OF			TEMPERATURE $-55 \rightarrow R/T^{(1)} \rightarrow +85 \rightarrow R/T ^{\circ}C$					LATION RESI						
TEMPERATURE			TIME 30 $\rightarrow$ 10 TO 15 $\rightarrow$ 30 $\rightarrow$ 10 TO 15 min				② NO DAMAGE. CRACK AND LOOSENESS OF PARTS.					X	l _	
TEIM EIGHTORE			UNDER 5 CYCLES.				23321233 01 771110.					^		
CORROSION SALT MIST			EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				NO HEAVY CORROSION RUINS THE FUNCTION.					Х	_	
DRY HEAT			EXPOSED AT + 85 °C , 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					Х	_	
COLD			EXPOSED AT - 55 °C , 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					Х	_	
RESISTANCE TO SOLDERING HEAT			SOLDER TEMPERATURE, + 350±10°C, FOR SOLDERING DURATION, 3 TO 4 s.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.					Х	_	
SOLDERABILITY			SOLDERED AT SOLDER TEMPERATURE, + 350±10°C FOR				WETTING ON SOLDER SURFACE, NO SOLDER CLUSTER.					Х	_	
SEALING			SOLDERING DURATION, 2 TO 3 s.  EXPOSED AT A DEPTH OF 1 m FOR 0.5 h.				NO WATER PENETRATION INSIDE CONNECTOR.					X	_	
AIRTIGHTNESS			APPLY AIR PRESSURE 17.6kPa FOR 0.5min TO INSIDE CONNECTOR.				NO AIR	NO AIR BUBBLES INSIDE CONNECTOR.					_	
COUNT			DESCRIPTION OF REVISIONS DESIGNATION DE SECRICA DESIGNATION DE SECRICA DESIGNATION DE SECRICA DE SECR			NED		CH	IECKED		X	TE		
<b>a</b>			DESCRIPTION OF NEVIOLONG DESCRIPTION			J. 12.D		<u> </u>	.EONED					
REMARK NOTE (1) R			R/T : ROOM TEMPERATURE			APPROVED		ED H	Y. KOBAYASHI		18. 02. 2			
								CHECKE	р н	Y. KOBAYASHI		18 0	2. 26	
									+					
<b>.</b>							DESIGNED			DS. MATSUNE		18. 02. 2		
Unless oth	nerwis	se s	pecified, re	fied, refer to IEC 60512(JIS C5402).			DRAWN					l	2. 22	
Note QT:Q	ualifica	ation	Test AT:Assurance Test X:Applicable Test			D	RAWIN	IG NO.		ELC-113453-3		1-00	)	
HS		SPECIFICATION SHEET				NO.			HR30-7R-12P (31)		<u>, 1</u>			
		Н	IROSE ELECTRIC CO., LTD.			CODE	NO. CL130		30–101	0-1016-6-31		◮	1/1	