RATING TENTON TO THE TOTAL TO T	PERATING EMPERATUR OLTAGE		-30°C TO +75°C	C S	TORAGE	<del></del>			
ITEM CONSTRUC GENERAL EXAM MARKING ELECTRICA	_	LIVANOL	00 0 10 170				ORAGE MPERATURE RANGE		
ITEN CONSTRUC GENERAL EXAM MARKING ELECTRICA					CURRENT				
CONSTRUC GENERAL EXAM MARKING ELECTRICA			DC 30V MAX / AC 40V MAX   SPECIFICATION				3A MAX		
CONSTRUC GENERAL EXAM MARKING ELECTRICA		1	SPEC	IFICATION	2N2				
GENERAL EXAM MARKING ELECTRICA			TEST METHOD			REQU	IREMENTS	QT	AT
MARKING ELECTRICA	CONSTRUCTION		I WOULD DANKE TO URBER OF THE PARTY.			TAGGODDING TO DRAWING			
ELECTRICA	GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.  CONFIRMED VISUALLY.			ACCORDING TO DRAWING.			X
	I OLIADA							X	Χ
					30 mΩ N	JΔX		X	I V
CONTACT RESISTANCE INSULATION RESISTANCE		10 mA MAX (DC OR 1000 Hz).				1000 ΜΩ ΜΙΝ.			Х
		250 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			X	
OLTAGE PROO					NO FLA	SHOVER OR B	REAKDOWN.	X	X
MECHANIC	AL CHAR	ACTERI	STICS						
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			WITHDF	INSERTION FORCE 19.6 N MAX. WITHDRAWAL FORCE 4 TO 19.6 N.			_
MECHANICAL OPERATION		5000 TIMES INSERTIONS AND EXTRACTIONS.			2) NO D	<ol> <li>CONTACT RESISTANCE: 50 mΩ MAX.</li> <li>NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ol>			_
VIBRATION		FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm,			2) CON	1) NO ELECTRICAL DISCONTINUITY OF 1μs. 2) CONTACT RESISTANCE: 50 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			_
		ACCELERATION — m/s², AT 2 hours FOR 3 DIRECTIONS.			,				
SHOCK		ACCELERATION 490 m/s <sup>2</sup> , DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.							_
ENVIRONM	ENTAL C								L
RAPID CHANGE OF					C 1) CONT	1) CONTACT RESISTANCE : 50 mΩ MAX.			
TEMPERATURE		TIME $30 \rightarrow 5 \rightarrow 30 \rightarrow 5 \text{ min.}$ UNDER 5 CYCLES.			3) NO D	<ol> <li>INSULATION RESISTANCE: 1000 MΩ MIN.</li> <li>NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ol>			
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 %RH, FOR 96 hours.			2) INSUI (AF 3) NO D	1) CONTACT RESISTANCE: 50 mΩ MAX. 2) INSULATION RESISTANCE: 10 MΩ MIN. (AFTER DRY.) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			_
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 hours.			1) CONT	1) CONTACT RESISTANCE : 50 mΩ MAX. 2) NO SPECTACULAR CORRODE.			_
SOLDERING CONDITION		REFLOW TO THE REFLOW TEMPERATURE PROFILE				NO DAMAGE, CRACK AND LOOSENESS			_
(REFLOW)	Fig-1 Resis		GURE-1 FOR 2 TIMES.  dering Heat Profile		OF PAI		Reflow Temperature Profil	lo	
TEMPERATURE[°C]		PEAK: DERING: 220 PRE -HEATING	70 sec	TEMPERATURE[°C]	180°C	PEAK SOLDERING:	230°C 30 sec		
		TIME[se	c]			TIME	[sec]		
COUNT					SIGNED		CHECKED	DA	TE
1	DIS-E		E-00000496		S. ITO		NM. NISHIMATSU		3. 08
REMARK						APPROVED	NM. NISHIMATSU	15. 1	0. 27
						CHECKED	NM. NISHIMATSU	15. 1	0. 27
						DESIGNED	KN. ICHIKAWA	15. 1	0. 27
Unless otherwise specified, refer to IEC 60512.						DRAWN	KN. ICHIKAWA	15. 1	0. 27
Note QT:Qualification Test AT:Assura			urance Test X:Applicable Test		DRAWING NO.		ELC-120677-30-00		
•	HS SI		PECIFICATION SHEET				MQ172-3PA (30)		
HS -		OSE ELECTRIC CO., LTD.			CODE NO. CL2			$\triangle$	1/1