APPLICA	BLE STA	ANDARD							
OPERATING			-55 °C TO 125 °C(NO	TEC 1)	STORAGE		-10 °C TO 60 °C(N	ntes	2)
RATING	TEMPERATURE RANGE			ILO I/	TEMPERATU	IRE RANGE	10 0 10 00 0 (1	UILU	۷)
	VOLTAGE CURRENT		50 V AC						
	CURREI	N I	0. 3 A						
SPECIFICATIONS									
I	ГЕМ		TEST METHOD			REQUIREMENTS			AT
CONSTRUCTION									
GENERAL EX	AMINATIO	N VISUALL				ACCORDING TO DRAWING.			X
MARKING		CONFIRM	CONFIRMED VISUALLY.					Х	X
ELECTR	IC CHA	RACTERI	STICS						
CONTACT RESISTANCE		NCE 20 mV A	20 mV AC OR LESS 1 kHz, 1 mA.			50 mΩ MAX.			_
INSULATION RESISTANCE		CE 100 V D	100 V DC			500 MΩ MAX			_
VOLTAGE PROOF		150 V A	150 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			† –
MECHAN	ICAL CH	HARACTER	ISTICS						
MECHANICAL			50 TIMES INSERTIONS AND WITHDRAWALS.			① CONTACT RESISTANCE: 50 mΩ MAX.			
VIBRATION						② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
						① NO ELECTRICAL DISCONTINUITY OF 1 μs.			_
SHOCK			0.75 mm, AT 2 h, FOR 3 DIRECTIONS.			② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			1
						① NO ELECTRICAL DISCONTINUITY OF 1 μs.			-
			FOR 3 DIRECTIONS. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						
ENVIRONMENTAL CHARACTERISTICS RAPID CHANGE OF TEMPERATURE -65 →15 TO 35 →125 →15 TO 35 °C ① CONTACT RESISTANCE: 50 mΩ MAX. X									1_
TEMPERATURE		TIME				② INSULATION RESISTANCE: 500 $M\Omega$ MIN.			
		UNDER 5	UNDER 5 CYCLES.			③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
DAMP HEAT		EXPOSE	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX. ② INSULATION RESISTANCE: $500 \text{ M}\Omega$ MIN.			-
(STEADY STATE)						③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			
SULPHUR DIOXIDE		EXPOSE	EXPOSED IN 25 PPM RH 75 % FOR 96 h.			① CONTACT RESISTANCE: 50 mΩ MAX.			_
		,	(TEST STANDARD:JEIDA-38)			HEAVY CORR	OSION. OF CASE OF EXCESSIVE	Х	
HEAT RESISTANCE OF SOLDERING		(SOLDE MAX2: (PREHE 150 TO MAXIM SAME [RECOM SOLD	[RECOMMENDED TEMPERATURE PROFILE] (SOLDERING AREA) MAX250°C, 220°C FOR 60 SECONDS MAX. (PREHEATING AREA) 150 TO 180°C 90~120 SECONDS. MAXIMUM TWICE ACTION IS ALLOWED UNDER THE SAME CONDITION. [RECOMMENDED MANUAL SOLDELING CONDITION] SOLDERING IRON TEMPERATURE 350°C SOLDERING TIME: WITHIN 3 SECONDS.				E TERMINALS.	X	
REMARKS					•			•	
NOTES2:STO	RAGEIS DI	EFINED AS LON	RE RISE BY CURRENT. G-TERM STORAGE OF UNUSEI NGE TO PRODUCTS MOUNTEI			/ER SUPLLY.			
		PECIFIED, REF	ER TO JIS C 5402.					1	
COUN	IT	DESCRIPTI	ON OF REVISIONS	N OF REVISIONS DESIG			CHECKED	DA	ATE
⚠									
						APPROVE		2020	00720
						CHECKED			00720
						DESIGNED			00720
			 _			DRAWN	RN. IIDA	2020	00717
						RAWING NO. ELC-389252-51			1
	SPECIFICATION SHEET PAR				PART NO.	TNO. DF12NC (3. 0) –10DS–0. 5V		(10)	
HIROSE ELECTRIC CO.,			LECTRIC CO., LTD.	С	ODE NO.	CL537-0191-0-51		lack	1/1