	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	STAND	ARD											
OPERATING TEMPERATURE R			NGE	-40 °C	то	85 °C	STORAGE TEMPERA	E ATURE RAI	NGE	_	10°C	TO 50 °C (PACKED CONDITI	ON)	
RATING	VOLTAGE			50 V	AC /	DC	OPERATING HUMIDITY R	G OR STO RANGE	ORAGE	RELATIVE HUMIDITY 90 % MAX (NOT DEW			VED)	
	CURRENT						APPLICAE	PPLICABLE CABLE		CONDU	CTOR	END: t=0.3±0.05mm, GOLD	PLATI	ING
								GROUND PLATE: $t=0.5\pm0.05$ mm, TIN PLA			ATING			
						SPE	CIFIC	ATIO	NS					
	ITEM				TEST N	METHOD	1				REQU	IREMENTS	QT	AT
CONST	TRUC'	TION												
GENERAL	L EXAMI	NATION	/ISUALI	Y AND BY	MEAS	URING IN	NSTRUME	ENT.	ACCO	RDING 1	ΓΟ DR	AWING.	×	×
MARKING			CONFIRMED VISUALLY.]				×	×	
ELECT	RIC C	HARAC	TERI	STICS										
VOLTAGE			150 V AC FOR 1 min.						NO FLASHOVER OR BREAKDOWN.				×	×
INSULATION		1	100 V D	C.					500 MΩ MIN.				×	×
RESISTAN		TANCE A	AC 20 m	V/ ΜΔΧ (1	KHz)	1 mΔ			100 m	O MAY			<u>, </u>	<u> </u>
JONTACI	I KLSIS	TANCE /	AC 20 mV MAX (1 KHz), 1 mA.					100 mΩ MAX.				×	×	
									(L=8mm		-C BO	LK RESISTANCE		
MECH4		L CHAF	RACTI	FRISTIC	:S				L'E-OIIII	•/			<u> </u>	1
VIBRATIO				ENCY 10		Hz. HAI	F AMPLIT	TUDE	① NO	ELECTE	RICAI	DISCONTINUITY OF 1	×	Τ_
				$m, - m/s^2$					μs.				^	
		I		TIONS.						② CONTACT RESISTANCE: 100 mΩ MAX.				
SHOCK			981 m/s ² , DURATION OF PULSE 6 ms					③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						
MECHANI	ICAL		AT 3 TIMES IN 3 DIRECTIONS. 20 TIMES INSERTIONS AND EXTRACTIONS.				3				TANCE: 100 mg MAY	\ ,		
MECHANICAL 21 OPERATION			ZU TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 100 mΩ MAX. × ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				-			
			MEASURED BY APPLICABLE FPC. (THICKNESS OF FFC SHALL BE t=0.30mm AT CONDUCTOR END, t=0.50mm AT GROUND PLATE AT INITIAL CONDITION.)				DIRECTION OF INSERTION: 0.3N × n MIN.			×	_			
ENVIR	ONME	NTAL C				S			ı					1
RAPID CH				RATURE-40			+85→+15⊤	-o+35°C	① CO	NTACT I	RESIS	TANCE: 100 mΩ MAX.	×	Ι_
TEMPERATURE			TIME $30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3 \text{ min}$ UNDER 5 CYCLES.					~3 min	$\cite{2}$ INSULATION RESISTANCE: 50 M Ω MIN. $\cite{3}$ NO DAMAGE, CRACK AND LOOSENESS					
DAMP HEAT			EXPOSED AT 40±2°C,					OF PARTS.				×	1-	
(STEADY			RELATIVE HUMIDITY 90 TO 95 %, 96 h.				h.							
DAMP HEAT,CYCLIC			EXPOSED AT -10 TO +65 °C, RELATIVE HUMIDITY 90 TO 96 %, 10 CYCLES,TOTAL 240 h.				 ① CONTACT RESISTANCE: 100 mΩ MAX. ② INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: 50 MΩ MIN. (AT DRY) ④ NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 				×			
DRY HEAT			EXPOSED AT 85±2 °C, 96 h.					① CONTACT RESISTANCE: 100 mΩ MAX.				×	†-	
COLD		E	EXPOSED AT -40±3°C, 96 h.					② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×	_	
COL	UNIT	DEG	CODIDE	ION OF RE	VICION	10		DEGLO	2NED T			CHECKED		
1 0.	ONT	DES	SCRIPT	ION OF RE	VISION	10		DESIGNED		ED CHECKED			DATE	
<u>ZON</u> REMARK							APPROVED MO. ISHIDA			10.06.08				
							CHECKED			MO. ISHIDA				
									DESIGNED			YN. TAKASHITA SJ. OKAMURA	10.06.0	
Unless otherwise specified			fied =	l. refer to JIS C 5402.				DRAWN			SJ. OKAMURA SJ. OKAMURA			
Unless otherwise specified, refer to JIS C 5402.					FI 04 00		-	10.06.08						
HS SF								FILAD 0.0 FO		ELC4-332362				
			005 51 507 710 00 1 77				PART					•		
			OSE ELECTRIC CO., LTD. CO				CODE	NO.			CL580	<u>^</u>	1/2	

SPECIFICATIONS								
ITEM	TEST METHOD	REQUIREMENTS	QT	АТ				
CORROSION SALT MIST	 CONTACT RESISTANCE: 100 mΩ MAX. NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF 	×	_					
SURPHUR DIOXIDE [JIS C 0090]	EXPOSED AT 40±2 °C , RELATIVE HUMIDITY 80±5% ,25±5 PPM FOR 96 h.	CONNECTOR. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	_				
HYDROGEN SULPHIDE [JIS C 0092]	YDROGEN SULPHIDE EXPOSED AT 40±2 °C , RELATIVE HUMIDITY SULPHIDE SULPHIDE EXPOSED AT 40±2 °C , RELATIVE HUMIDITY SULPHIDE SULPHIDE EXPOSED AT 40±2 °C , RELATIVE HUMIDITY SULPHIDE SULPHIDE							
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 245 $\pm 5 ^{\circ}\text{C}$ FOR IMMERSION DURATION, $2 \pm 0.5 \text{sec.}$	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	×	_				
RESISTANCE TO SOLDERING HEAT	1) REFLOW SOLDERING PEAK TMP. 250 °C MAX. REFLOW TMP. 230 °C MIN FOR 60 sec. 2) SOLDERING IRONS: TMP. 350±10°C FOR 5±1 sec.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	×	_				

(note)

WHEN THE SAME VALUE OF CURRENT ARE APPLID TO ALL CONTACTS AT THE SAME TIME IN ONCE, SET THE CURRENT TO THE 70 % OF THE RATED CURRENT VALUE.

Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.		ELC4-332362-00		
HRS	SPECIFICATION SHEET	PART NO.	FH48-**S-0. 5SV			
	HIROSE ELECTRIC CO., LTD.	CODE NO		CL580	Δ	2/2