

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△				..	△				..
△				..	△				..
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO +85 °C			STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C			
	VOLTAGE	AC 500 V, DC 700 V							
	CURRENT	10 A			APPLICABLE CABLE				
S P E C I F I C A T I O N S									
ITEM	TEST METHOD				REQUIREMENTS	Q T A T			
C O N S T R U C T I O N									
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			<input type="radio"/>	<input type="radio"/>	
MARKING	CONFIRMED VISUALLY.						<input type="radio"/>	<input type="radio"/>	
E L E C T R I C A L C H A R A C T E R I S T I C S									
CONTACT RESISTANCE	CONTACT SHALL BE MEASURED AT DC 1 A.	2 mΩ MAX.			<input type="radio"/>	<input type="radio"/>			
	SHALL BE MEASURED AT DC — A.	— mΩ MAX.			—	—			
INSULATION RESISTANCE	500 V DC	1000 MΩ MIN.			<input type="radio"/>	<input type="radio"/>			
VOLTAGE PROOF	1500 V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.			<input type="radio"/>	<input type="radio"/>			
M E C H A N I C A L C H A R A C T E R I S T I C S									
CONTACT INSERTION AND WITHDRAWAL FORCES	φ 2.362 <sup>+0.003</sup> BY STEEL GAUGE.	INSERTION AND WITHDRAWAL FORCES: 0.9~6.6 N.			<input type="radio"/>	<input type="radio"/>			
CONNECTOR INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR, WITHOUT LOCKING DEVICE WITH LOOK.	INSERTION AND WITHDRAWAL FORCES: 40 N MAX.			<input type="radio"/>	<input type="radio"/>			
MECHANICAL OPERATION	2000 TIMES INSERTIONS AND EXTRACTIONS	CONTACT RESISTANCE: 4 mΩ MAX.			<input type="radio"/>	<input type="radio"/>			
VIBRATION	FREQUENCY 10 TO 55 Hz, AMPLITUDE 0.75 mm, — m/s <sup>2</sup> AT 2 h FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			<input type="radio"/>	<input type="radio"/>			
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			<input type="radio"/>	<input type="radio"/>			
E N V I R O N M E N T A L C H A R A C T E R I S T I C S									
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90 TO 95 %, 96 h.	① INSULATION RESISTANCE: — MΩ MIN (AT HIGH HUMIDITY). ② INSULATION RESISTANCE: 100 MΩ MIN (AT DRY). ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			<input type="radio"/>	<input type="radio"/>			
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → R/T → +85 → R/T °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES.	① INSULATION RESISTANCE: 100 MΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			<input type="radio"/>	<input type="radio"/>			
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h	NO HEAVY CORROSION.			<input type="radio"/>	<input type="radio"/>			
DRY HEAT	EXPOSED AT + 85 °C, 96 h.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			<input type="radio"/>	<input type="radio"/>			
COLD	EXPOSED AT - 55 °C, 96 h.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			<input type="radio"/>	<input type="radio"/>			
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, + 350 ± 10 °C FOR IMMERSION, DURATION, 5 ± 1 s.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.			<input type="radio"/>	<input type="radio"/>			
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, + 350 ± 10 °C FOR IMMERSION DURATOIN, 2~3 s.	A UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.			<input type="radio"/>	<input type="radio"/>			
SEALING	EXPOSED AT A DEPTH OF — m FOR — h.	NO WATER PENETRATION INSIDE CONNECTOR.			<input type="radio"/>	<input type="radio"/>			
AIRTIGHTNESS	APPLY AIR PRESSURE — KPa FOR — min TO INSIDE CONNECTOR.	NO AIR BUBBLES INSIDE CONNECTOR.			<input type="radio"/>	<input type="radio"/>			
REMARKS ① SEALING AND AIRTIGHTNESS SHALL BE TESTED BY APPLICABLE CONNECTOR.				DRAWN HYOKIMIZU	DESIGNED M. Sato	CHECKED /	APPROVED Mr. Yoshida	RELEASED 97.8.23	
NOTE <sup>①</sup> ROOM TEMPERATURE. Unless otherwise specified, refer to JIS C 5402.									

Note QT: Qualification Test AT: Assurance Test  : Applicable Test**HRS**

HIROSE ELECTRIC CO., LTD.

SPECIFICATION SHEET

PART NO.

RM15TRH-4SA

CODE NO. (OLD)

CL

DRAWING NO.

ELC4-027794

CODE NO.

CL 109-0848-9

1/1 FORM NO. 231-1

R技

参考図：ご確認用。正式には別途納入仕様書をご請求願います。

2006/02/21 19:44:40 SRooper

1				2				3				4			
COUNT	DESCRIPTION OF REVISIONS			BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS			BY	CHKD	DATE	
△△						..	△△	△△						..	△△
△△						..	△△	△△						..	△△
△△						..	△△	△△						..	△△

A A

B B

C C

D D

E E

NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
3	Diallyl phthalate	Black, UL94V-0	6	Phosphor bronze	Nickel plating
2	Copper alloy	Silver plating	5	Brass	Nickel plating
1	Brass	Nickel plating	4	Diallyl phthalate	Black, UL94V-0

F F

TO	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
R	H.YOKOMIZO	U.Satoh		<i>Amashida</i>	97.8.23
	97.8.20	97.8.20	.	.	

SCALE	DRAWING NO.	PART NO.
2 : 1	EDC4-027794	RM15TRH-4 SA
mm	HIROSE ELECTRIC CO., LTD.	CL109-0848-9