

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +150 °C (1)		STORAGE TEMPERATURE RANGE
	VOLTAGE			APPLICABLE CABLE
	CURRENT	125 A (2)		CONDUCTOR SIZE : 16.78 TO 26.66

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION

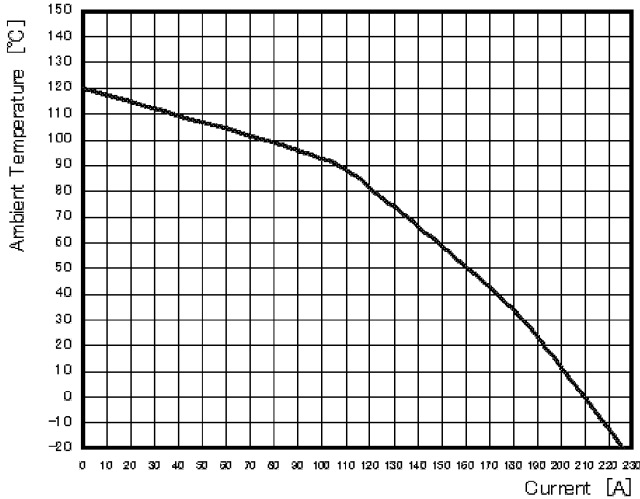
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
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ELECTRIC CHARACTERISTICS

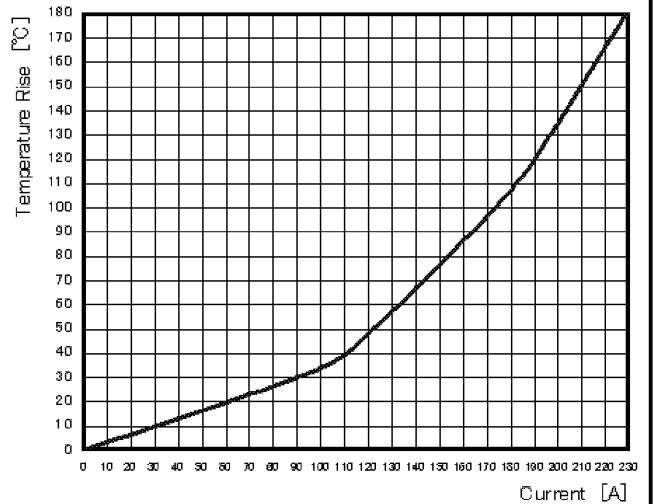
CONTACT RESISTANCE	CONTACT SHALL BE MEASURED AT DC 1 A	0.5 mΩ MAX. (3)	×	—
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[REFERENCE] (4)

[Derating Curve]



[Temperature Rise Curve]



MEASURING METHOD: THREE (3) CONTACTS ASSEMBLED WITH 20MM² WIRES ARE BUILT IN THE PLUG "EV1-62P-3PC", AND COVER THEM WITH COLGATE. THREE (3) OF 3×12 COPPER BUS BARS ARE CONNECTED TO THE RECEPTACLE "EV1-62RA-3SB" AND CONNECTED IN SERIES.

NOTES (4) DERATING CURVE COULD VARY DEPENDING ON CABLE TYPE AND EACH MEASUREMENT EVEN UNDER THE SAME CONDITIONS THEREFORE, ABOVE DATA ARE GUIDELINES AND NOT CONNECTOR SPECIFICATIONS.

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0				

REMARK NOTES(1) OPERATING TEMPERATURE RENG INCLUDES THE TEMPERATURE RISE BY CURRENT CARRYING. (2) REFER TO DERATING CURVE TO SEE THE RELATIONSHIP WITH OPERATION TEMPERATURE. (3) CONTACT RESISTANCE : ENGAGEMENT TO THE RECEPTACLE "EV1-62RA-3SB OR EV1-62R-3SB".	APPROVED	SU. OBARA	11. 10. 06
	CHECKED	HY. KOBAYASHI	11. 10. 06
	DESIGNED	YH. YAMADA	11. 10. 06
	DRAWN	YH. YAMADA	11. 10. 06

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-117459-00
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HRS	SPECIFICATION SHEET	PART NO.	EV1-PC1-112	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL139-0005-1-00	△ 1/1