

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +125 °C	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C
	VOLTAGE	_____	_____	_____
	CURRENT	50A (Please refer to the following Derating Curve(Basic curve) and Temperature Rise Curve(Reference))	APPLICABLE CABLE	①CONDUCTOR AREA:8 mm ² ②CONDUCTOR DIAMETER:φ3.7max ③JACKET DIAMETER:φ8.7max (Meet all requirements ①to③.)

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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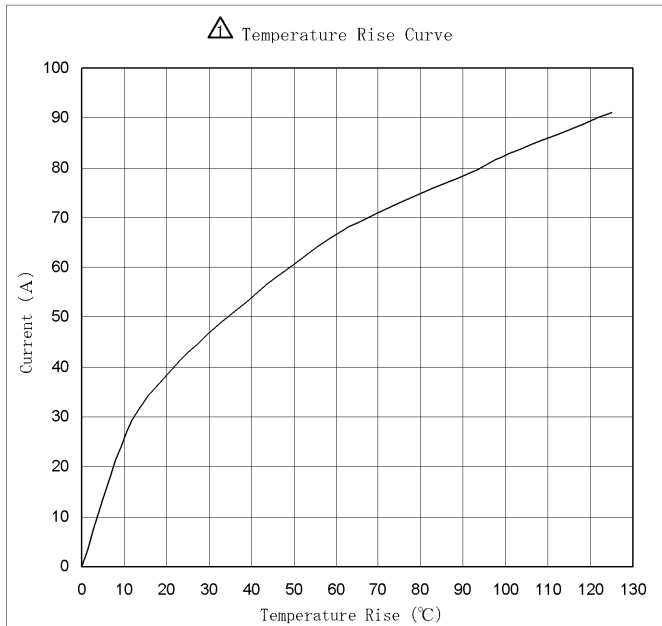
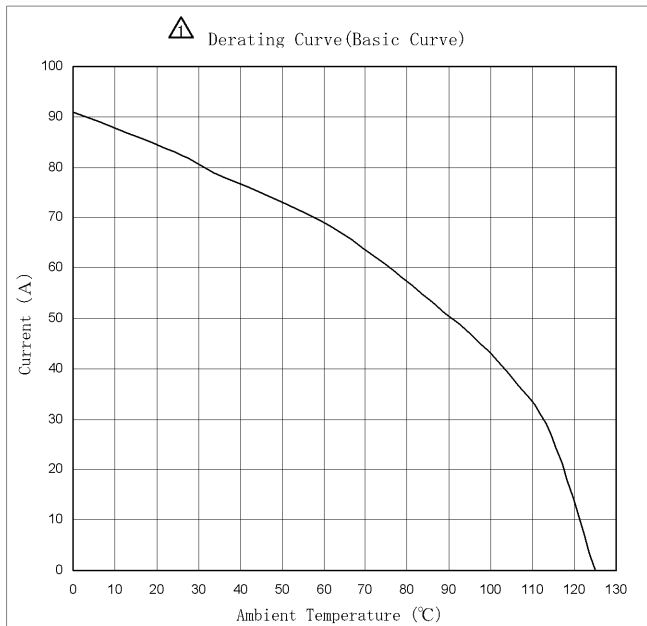
CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X

ENVIRONMENTAL CHARACTERISTICS

CONTACT RESISTANCE	CONTACT SHALL BE MEASURED AT DC 1 A	1 mΩ MAX.	X	—
CONTACT INSERTION AND WITHDRAWAL FORCES	φ4.5 ^{+0.003} ₀ BY STEEL GAUGE.	INSERTION AND WITHDRAWAL FORCES : 1.4N TO 10N MIN.	X	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSIN RUIN THE FUNCTION.	X	—

[Reference]



Measurement method:

Assemble three (3) crimped contacts with 8 mm² wire into each plug EM35WBP-4SC and the receptacle EM35WBR-4PC except for the grounding contact position, and then serially connect and measure. Plug is sealed for water tightness.

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△	2	DIS-C-002129	HN. TANAKA	HY. KOBAYASHI	11. 04. 05
REMARK				APPROVED	MO. SATOH 09. 09. 07
				CHECKED	SU. OBARA 09. 09. 07
				DESIGNED	HS. NAGANO 09. 09. 03
				DRAWN	HS. NAGANO 09. 09. 03
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-116549-00
HRS	SPECIFICATION SHEET		PART NO.	EM-SC-133	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL138-0018-7-00	△ 1/1