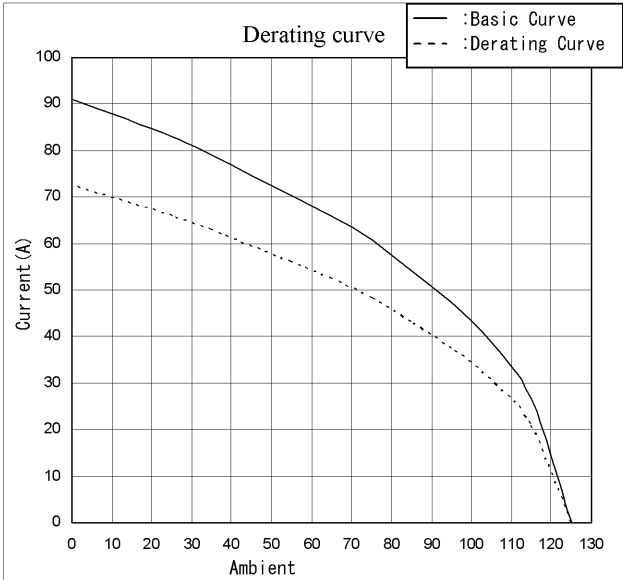
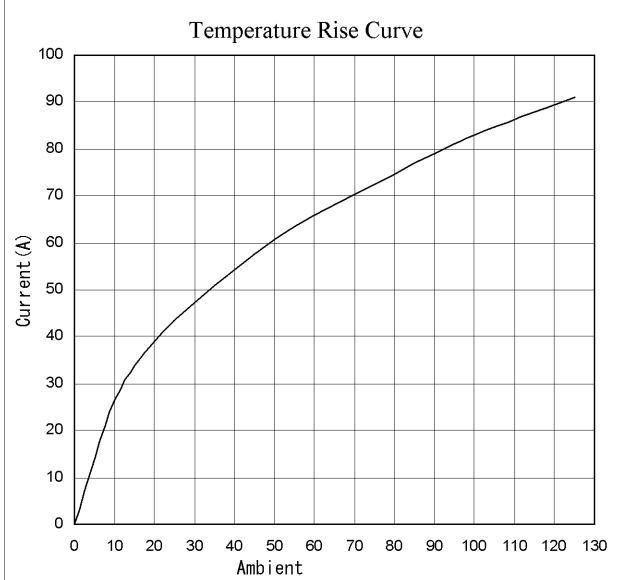


APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE ⁽¹⁾	-40 °C TO +125 °C		STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C	
	VOLTAGE					
	CURRENT	30A (Please refer to the following Derating Curve(Basic curve) and Temperature Rise Curve(Reference).)		APPLICABLE CABLE	①CONDUCTOR AREA:5.5 mm ² (AWG#10 equivalent) ②CONDUCTOR DIAMETER: φ3.1max. ③JACKET DIAMETER: φ8.7max. (Meet all requirements ①to③.)	
SPECIFICATIONS						
ITEM		TEST METHOD		REQUIREMENTS		QT AT
CONSTRUCTION						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X X
ELECTRIC CHARACTERISTICS						
CONTACT RESISTANCE		CONTACT SHALL BE MEASURED AT DC 1 A		1 mΩ MAX.		X -
ENVIRONMENTAL CHARACTERISTICS						
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		NO HEAVY CORROSION RUIN THE FUNCTION.		X -
[Reference]						
<div><div><p>Derating curve</p></div><div><p>Temperature Rise Curve</p></div></div>						
Measurement method: Assemble three (3) crimped contacts with 5.5 mm ² 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.						
Note: Derating curve is derived from current value of basic curve multiplied by 0.8.						
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
△						
REMARK NOTES(1) OPERATING TEMPERATURE RANGE INCLUDES THE TEMPERATURE RISE BY CURRENT CARRYING. (2) RoHS COMPLIANT Unless otherwise specified, refer to JIS C 5402.				APPROVED	EJ. KUNII	12. 04. 24
				CHECKED	HY. KISHI	12. 04. 23
				DESIGNED	HK. NAMAI	12. 04. 23
				DRAWN	HK. NAMAI	12. 04. 23
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-115602-01	
HRS	SPECIFICATION SHEET		PART NO.	EM-PC-113 (01)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL138-0011-8-01	△	1/1