
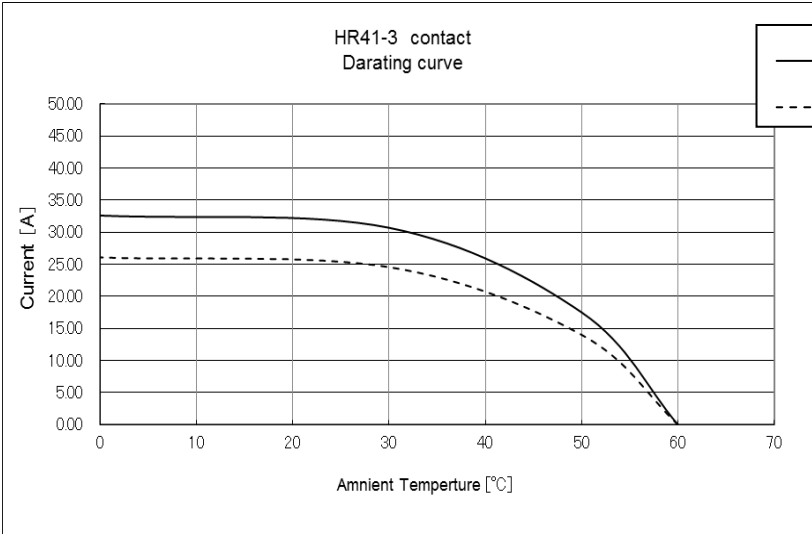






APPLICABLE STANDARD							
RATING	Operating Temperature Range ⁽²⁾	-40 °C TO +105 °C		Storage Temperature Range	-10 °C TO +60 °C		
	Voltage	_____		Applicable Cable ⁽¹⁾	① Conductor area: 5.5 to 6.5 mm ² (AWG#10 corresponding) ② Conductor diameter : φ 3.4 MAX ③ Jacket diameter : φ 6 MAX		
	Current ⁽⁴⁾	20A(UL, TÜV) 24A(Ambient Temperature 25°C)					
							
SPECIFICATIONS							
ITEM		TEST METHOD		REQUIREMENTS		QT	AT
CONSTRUCTION							
General Examination		Examined visually and with a measuring instrument.		According to the drawing.		X	X
Marking		Confirmed visually.				X	X
ELECTRICAL CHARACTERISTICS							
Contact Resistance		Measured at DC 1 A MAX		2 mΩ MAX.		X	X
MECHANICAL CHARACTERISTICS							
Contact Insertion and Extraction Forces		Measured with a φ3.58±0.003 steel gauge.		Insertion and extraction force 0.8 N MIN.		X	—
<div><div><div>HR41-3 contact Derating curve</div></div><div><div>Basic Curve</div><div>Derating Curve</div><div></div></div></div> <div>Notes (3) The derating curve is derived from the basic curve multiplied by the derating factor of 0.8. (4) The value of rated current varies with the ambient temperature. It is recommended to use the product within the derating curve zone. When using a UL or TÜV approved product, please use the product within the specified range as well as the derating curve area. (5) The measurement method of the derating curve is shown below.<ul style="list-style-type: none">• Test specimen: This product, unused prior to testing.• Test cable conductor cross sectional area : AWG#10 (5.5mm²)• Test condition: Power supplied while the specimen is in a stationary state and then measured.</div>							
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE	
	2	DIS-C-00001396		TY.SUZUKI	HY.KOBAYASHI	17.01.30	
Notes (1) The applicable cable should satisfy all conditions ① to ③. (2) Includes temperature rise due to current carrying. Unless otherwise specified, refer to IEC 60512(JIS C 5402)				APPROVED	SU.OBARA	11.09.01	
				CHECKED	HY.KOBAYASHI	11.09.01	
				DESIGNED	HT.ZENBA	11.08.31	
				DRAWN	HT.ZENBA	11.08.31	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-117588-01	
	SPECIFICATION SHEET			PART NO.	HR41-SC-141(01)		
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL141-0008-6-01		1/1