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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: 3.3 to 5.5 mm ² (AWG#10 to #12) ② Conductor diameter : φ 3.1 MAX ③ Jacket diameter : φ 6 MAX
	Current ⁽⁴⁾	20A(UL, TÜV) 24A(Ambient Temperature 25°C)		

SPECIFICATIONS

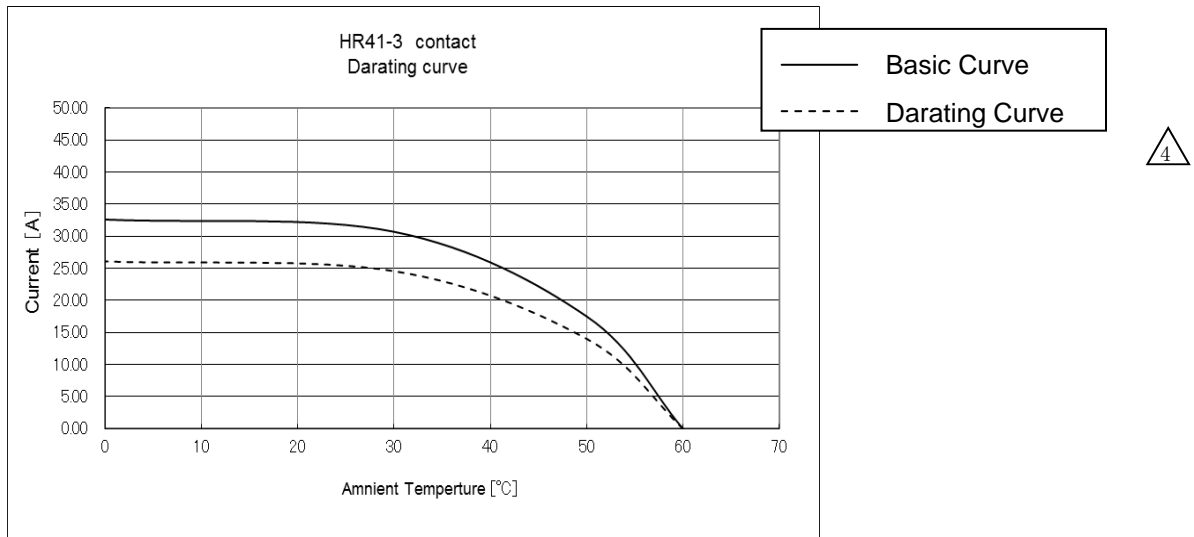
ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION

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
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- 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.
- 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.

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
2	DIS-C-00001397	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.	APPROVED	SU.OBARA	12.03.15
	CHECKED	SU.OBARA	12.03.15
	DESIGNED	HT.ZENBA	12.03.14
	DRAWN	HT.ZENBA	12.03.14

Unless otherwise specified, refer to IEC 60512(JIS C 5402)

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-117434-01
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HRS	SPECIFICATION SHEET	PART NO.	HR41-PC-111(01)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL141-0002-0-01	△ 1/1