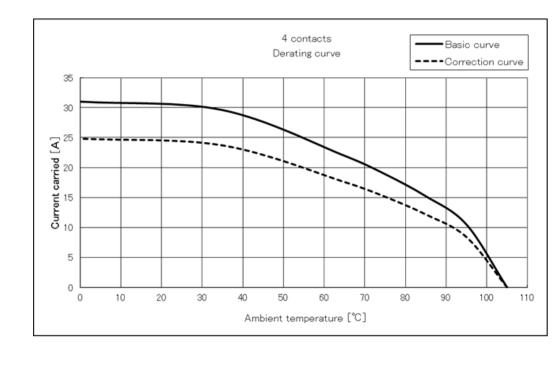
	BLE STANDA	КD	4000 / / / / / /	00	Storage Te	mperatura	4000 : 00	0	
	Operating Temperature Range ⁽²⁾		Ran		Storage Ter Range	mperature	-10°C to +60°C		
Rating	Voltage		AC 30 V , DC 42 V App		Applicable (Cable	Power : AWG#14 to Signal : AWG#22 to		
	Current ⁽¹⁾⁽⁶⁾		Power : 24 A(Ambient Temperature 25°C) I Signal : 1 A		Insulation d	liameter	Power: φ 2.6 to 3.0 Signal: φ 1.4 to 1.6		
			SPEC	IFICATI	ONS				
ľ	ТЕМ		TEST METHOD			REQ	UIREMENTS	QT	A٦
CONSTRU	JCTION								
General Exam	nination	Examined	visually and with a measuring ins	strument.	Accordi	ng to the drawir	ng.	Х	Х
Marking		Confirmed	visually.				-	Х	Х
ELECTRIC	CAL CHARAC	TERISTIC	CS						
Contact Resistance		Measured at DC 1A.				10 mΩ MAX. (Power contact) 15 mΩ MAX. (Signal contact)			Х
Insulation Resistance		Measured at 500 V DC.			1000 M	· •	,	Х	Х
Voltage Proof		600 V AC applied for 2 min.			No flash	nover or breakd	own.	Х	Х
MECHANI	CAL CHARA								
Contact Insertion and		Measured with a ϕ 1.98 $^{+0.003}_{0}$ steel gauge.			Insertion	and extraction for	rces: 1 N MIN. (Power contact)	X	
Extraction Forces		Measured with a $\phi 0.98 \frac{0.003}{0}$ steel gauge.			Insertion	and extraction for	rces: 0.2 N MIN. (Signal contact)	х	
Mating and		Measured	with an applicable connector		Mating a	and unmating fo	prces: 60 N MAX.		
Unmating Forces		Measured with an applicable connector. (Excluding lock mechanism.)						X	
Mechanical O	peration	Mated and unmated 30 times.			Contact	Contact resistance:10 mΩ MAX. (Power contact) 15 mΩ MAX. (Signal contact)			
Vibration		Frequency: 10 Hz to 55 to 10 Hz every cycle (5 min per cyc Single amplitude: 0.75 mm Performed over 10 cycles in each of three mutually				1) No electrical discontinuity of more than 10 μs. 2) No damage, cracks or looseness of parts.			_
Shock		perpendicular directions. Acceleration: 500 m/s ² , Half sine wave pulses of 11 ms. Performed 3 times in each of three mutually perpendicular directions.			· ·	 No electrical discontinuity of more than 10 μs. No damage, cracks or looseness of parts. 			-
ENVIRON	MENTAL CH	ARACTER	RISTICS						
Damp Heat, Steady State Rapid Change of Temperature		95 % for 96 hours. Temperature: -40 \rightarrow R/T ⁽⁴⁾ \rightarrow +105 \rightarrow R/T ⁽⁴⁾ °C			2) Insula	 Insulation resistance: 10 MΩ MIN. (At high humidity) Insulation resistance: 100 MΩ MIN. (When dry) No damage, cracks or looseness of parts. Insulation resistance: 100 MΩ MIN. No damage, cracks or looseness of parts. 			-
					1) Insula				_
		for 5 cycles						X	
Corrosion Sal	It Mist ⁽³⁾	Subjected to 5 % salt spray for 48 h.				No heavy corrosion which impairs functionality.			-
Dry Heat			Subjected to +105 °C for 96 h.			No damage, cracks or looseness of parts.			-
Cold		Subjected	Subjected to -40 °C for 96 h.			No damage, cracks or looseness of parts.			-
Sealing(IPX7) ⁽³⁾ (JIS C 0920:2003)		Subjected	ected to a depth of 1 m for 0.5 h.			No water penetration to the inside of the connector.			_
Air Tightness ⁽³⁾		17.6kPa applied to the inside of the connector for 0.5min.			No air b	No air bubbles from the inside of the connector.			
		100L/min f 3m,3min	n fountain water in all directions from a distance of			No water penetration to the inside of the connector.			_
COUN	NT DE	SCRIPTIC	ON OF REVISIONS	D	ESIGNED	CHECKED		DA	TE
<u>3</u> 2		DIS-	C-00009416	S	H. KOYAMA		EJ. KUNI I	2021	121
REMARK Notes						APPROVED	YH. YAMADA	2020	0128
crim	np contacts (BH1:				IE	CHECKED HN. TANAKA		20200128	
	rrosion salt mist, solicable connector				an	DESIGNED	SH. KOYAMA	20200128	
(3) Cor app	: Room Temper	alure.				1	1	20200128	
(3) Cor app (4) R/T			fer to IEC 60512 (JIS 0	C 5402).		DRAWN	SH. KOYAMA	2020	0128
(3) Cor app (4) R/T Unless ot	herwise spe	cified, re	fer to IEC 60512 (JIS C surance Test X:Applicable T	Ĺ	DRAWIN		SH. KOYAMA ELC-390398-0		
(3) Cor app (4) R/T Unless ot	herwise spe Qualification Te	cified, re st AT:Ass PECIFI	*	est	DRAWIN ART NO.				



Notes (5) The derating curve is derived from the basic curve multiplied by the derating factor of 0.8.

- (6) The value of rated current varies with the ambient temperature.
- It is recommended to use the product within the derating curve zone.
- (7) The measurement method of the derating curve is shown below.Test specimen: This product, unused prior to testing.
 - Test cable conductor cross sectional area : Power···AWG#14 (2.0mm²), Signal···AWG#22 (0.3mm²)
 - Test condition: Power supplied while the specimen is in a stationary state and then measured.
 - (For details, please refer to the examination report number TR140E-20045.)

Note QT:Qu	ualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.		ELC-390398-00-00		
HRS	SPECIFICATION SHEET	PART NO.	BH12WP-3SC			
11.0	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL0140-0011-0-00			2/2