

Applicable standard						
Rating	Operating temperature range	-30°C to + 85°C(Notes 1)		Storage temperature range	-10°C to + 60°C	
	Voltage	250V AC		UL · CSA Rating <div>△ 1</div>	Voltage	30V AC
	Current	AWG 24 : 3A AWG 26 : 2A AWG 28 : 1A			Current	AWG 24 : 3A AWG 26 : 2A AWG 28 : 1A
	Applicable contact	DF3-EP2428PCF (A) DF3-EP2428PC (A)		Applicable connector	DF3-*S-2C	
			Applicable cable	UL1061, 1007 AWG24 to 28		
Specifications						
Item		Test method		Requirements		QT AT
Construction						
General examination		Visually and by measuring instrument.		According to drawing.		X X
Marking		Confirmed visually.				X X
Electric characteristics						
Insulation resistance		500V DC.		1000MΩ MIN.		X -
Voltage proof		650V AC for 1 min.		No flashover or breakdown.		X -
Mechanical characteristics						
Vibration		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 2 h, for 3 directions.		① No electrical discontinuity of 1μs.		X -
Shock		490 m/s ² duration of pulse 11 ms at 3 times for 3 directions.		② No damage, crack or looseness of parts.		X -
Environmental characteristics						
Rapid change of temperature		Temperature -55→ 5 to 35→+85→ 5 to 35 °c Time 30→ 5 to 15 → 30→ 5 to 15 min Under 5 cycles.		① Insulation resistance: 1000MΩ MIN. ② No damage, crack or looseness of parts.		X -
Damp heat (Steady state)		Exposed at 40 ± 2 °c, 90 to 95 %, 96 h.		① Insulation resistance: 1000MΩ MIN. ② No damage, crack or looseness of parts.		X -
	count	description of revisions		designed	checked	date
△	1	DIS-H-00001155		MI. SAKIMURA	TS. FUKUSHIMA	15. 12. 04
Remarks Note 1:Including the temperature rise by current.				Approved	KJ. KATAYOSE	05. 01. 05
				Checked	KI. AKIYAMA	05. 01. 05
				Designed	TH. ARAI	05. 01. 05
				Drawn	TH. ARAI	05. 01. 05
Unless otherwise specified , refer to IEC 60512.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				Drawing no.		ELC-162330-00-01
HRS	Specification sheet			Part no.		DF3-*EP-2C
	Hirose electric co., Ltd.			Code no.		CL543 △ 1/1