

Applicable standard		Specifications							
Rating	Operating temperature range	-30°C to + 85°C (Note 1)		Storage temperature range		-10°C to + 60°C			
	Voltage	250V AC		UL・CSA Rating △ 1	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			
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. ② No damage, crack or looseness of parts.			X —		
Shock		490 m/s ² duration of pulse 11 ms at 3 times for 3 directions.				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.				X —			
count		description of revisions		designed		checked			
△ 1		DIS-H-00001155		MI. SAKIMURA		TS. FUKUSHIMA			
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		
Unless otherwise specified, refer to IEC 60512.				Drawn	TH. ARAI		05.01.05		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				Drawing no.		ELC-162330-00-01			
		Specification sheet		Part no.	DF3-*EP-2C				
		Hirose electric co., Ltd.		Code no.	CL543		△ 1/1		