

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	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.			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			
△	2	DIS-H-00001155		MI. SAKIMURA		TS. FUKUSHIMA			
Remarks				Approved	KJ. KATAYOSE		05. 01. 05		
Note 1: Including the temperature rise by current.				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-162399-00-01			
HS	Specification sheet			Part no.	DF3AA-*EP-2C				
	Hirose electric co., ltd.			Code no.	CL543		△ 1/1		