

Applicable standard					
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	30V AC
	Current	 AWG 24 : 3A AWG 26 : 2A AWG 28 : 1A		Voltage Current	 AWG 24 : 3A AWG 26 : 2A AWG 28 : 1A
	Applicable contact	DF3-EP2428PCF (A) DF3-EP2428PC (A)		Applicable connector Applicable cable	DF3-*S-2C 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
	2	DIS-H-00001155		MI. SAKIMURA	TS. FUKUSHIMA
Remarks				Approved	KJ. KATAYOSE
Note 1: Including the temperature rise by current.				Checked	KI. AKIYAMA
				Designed	TH. ARAI
Unless otherwise specified , refer to IEC 60512.				Drawn	TH. ARAI
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				Drawing no.	ELC-162399-00-01
	Specification sheet			Part no.	DF3AA-*EP-2C
	Hirose electric co., ltd.			Code no.	CL543
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