

Applicable standard					
Rating	Operating temperature range	-30°C to +85°C( Note 1)	Storage temperature range		-10°C to +60°C
	Voltage	250V AC	<div>UL・CSA Rating </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	QTAT
Construction					
General examination		Visually and by measuring instrument.		According to drawing.	XX
Marking		Confirmed visually.			XX
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 <sup>2</sup> 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	checkeddate
	1	DIS-H-00001155		MI. SAKIMURA	TS. FUKUSHIMA15. 12. 04
Remarks Note 1:Including the temperature rise by current.  Unless otherwise specified , refer to IEC 60512.				Approved	KJ. KATAYOSE05. 01. 05
				Checked	KI. AKIYAMA05. 01. 05
				Designed	TH. ARAI05. 01. 05
				Drawn	TH. ARAI05. 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.	CL5431/1