

Applicable standard															
Rating	Operating Temperature range	-35 °c to +85°c (Note1)	Storage Temperature range	-10 °c to +60°c (Note3)											
	Operating Humidity range	40% to 80% (Note2)	Storage Humidity range	40% to 70% (Note3)											
	Voltage	AC/DC 250V	Applicable cable	UL1007 : AWG20 to 22											
	Current	AWG20 : 5A/pin AWG22 : 3A/pin	Applicable connector	DF1BA-*(D)EP-2.5RC DF1B-*(D)EP-2.5RC											
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															
Contact resistance		100 mA (DC OR 1000Hz).	30 mΩ MAX.	X	—										
Mechanical characteristics															
Mechanical operation		30 times insertion and extraction.	1) Contact resistance: 30 mΩ MAX. 2) No damage, crack or looseness of parts.	X	—										
Vibration		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 2h, for 3 directions.	1) No electrical discontinuity of 1 μ s. 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															
Damp heat (steady state)		Exposed at 40 ± 2°C , 90 to 95 %, 96 h.	1) Contact resistance: 30 mΩ MAX. 2) No damage, crack or looseness of parts.	X	—										
Rapid change of temperature		Temperature -55→5 to 35→+85→5 to 35°C Time 30→5 →30 →5min Under 5 cycles.		X	—										
Remarks Note1: Include the temperature rising by current. Note2: No condensing. Note3: Apply to the packaged and unused product.															
<table border="1" style="width: 100%;"> <tr> <td>Count</td> <td>Description of revisions</td> <td>Designed</td> <td>Checked</td> <td>Date</td> </tr> <tr> <td>2</td> <td>DIS-H-00017601</td> <td>JN. TONAI</td> <td>SZ. ONO</td> <td>20230324</td> </tr> </table>						Count	Description of revisions	Designed	Checked	Date	2	DIS-H-00017601	JN. TONAI	SZ. ONO	20230324
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2	DIS-H-00017601	JN. TONAI	SZ. ONO	20230324											
Unless otherwise specified, refer to IEC 60512.			Approved	KJ. KATAYOSE	20050105										
			Checked	TY. OMA	20050105										
			Designed	TS. KUMAZAWA	20050105										
			Drawn	TS. KUMAZAWA	20050105										
Note QT:Qualification test AT:Assurance test X:applicable test			Drawing No.		ELC-020432-00-00										
HS	Specification sheet		Part No.	DF1B-2022PC											
	Hirose electric co., Ltd.		Code No.	CL0541-0260-8-00	1/1										