

特性 / FEATURES

- 适合长期工作
Long timer work
- 适应恶劣工作环境
Dreadful conditions work
- 具有防水密封结构
Sealed waterproof type
- 单线圈工作方式
Single coil type



RoHS
Compliant

订购信息 / ORDERING INFORMATION

DK136

1: 12VDC/2: 24VDC

序 号 Item No.

线圈电压 Coil Voltage

型 号 Model

触点参数 / CONTACT PARAMETERS

触点形式	Contact arrangement	X
接触压降(10A下测量)	Voltage drop (at 10A)	≤100mV
触点材质	Contact material	银合金/Silver alloy: AgSnO ₂ In ₂ O ₃ 、AgSnO ₂ 、AgNi
触点负载	Contact rating	100A 28VDC
最大切换电压	Max switching voltage	42VDC
最大切换电流	Max switching current	接通/Make: 300A (灯负载浪涌电流/Lamp, Inrush current)
最小负载	Min contact load	1A 5VDC
电耐久性 (频率:每小时600次)	Electrical endurance (Frequency:600 ops/h)	5x10 ⁶ ops
机械耐久性 (频率:每小时18000次)	Mechanical endurance (Frequency:18000 ops/h)	1x10 ⁶ ops

电源总开关
Main Power Switch

100A

特性参数 / CHARACTERISTICS PARAMETERS

绝缘等级	Insulation level	Class B / Class F	
绝缘电阻	Insulation resistance	100MΩ (500VDC)	
介质耐压 (漏电流 1mA)	Dielectric strength (Leakage current 1mA)	线圈与触点间耐压 Dielectric strength (Between coil and contacts)	500VAC 1分钟/minute
		断开触点间耐压 Dielectric strength (Between open contacts)	500VAC 1分钟/minute
吸合时间(额定电压下)	Operate time(at nominal voltage)	≤10ms	
释放时间(额定电压下)	Release time (without diode)(at nominal voltage)	≤10ms	
湿度	Humidity	5% ~ 85% RH	
环境温度	Ambient temperature	-40°C ~ +125°C	
抗冲击	Shock resistance	稳定性/Functional	196m/s ²
		强度/Destructive	490m/s ²
抗振动	Vibration resistance	10Hz-500Hz 49m/s ² 双振幅/Double amplitude	
重量	Weight	约/Approx 850g	
封装形式	Construction	密封型/Sealed type	

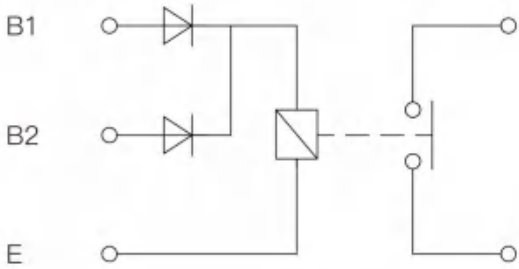
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Remark: All above data is initial value

线圈参数 / COIL PARAMETERS

常温/At 23°C

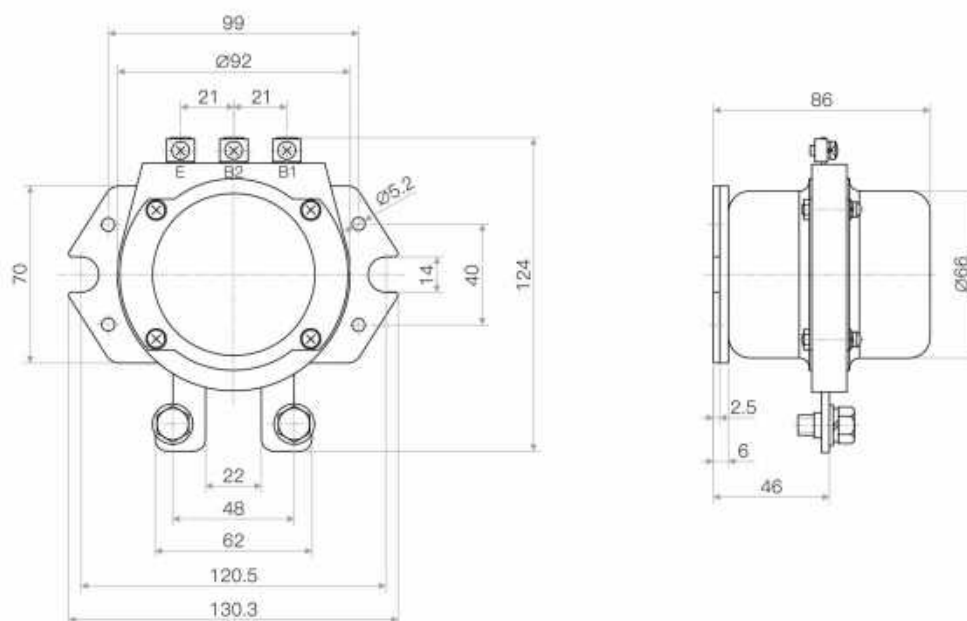
功耗(W)	Power consumption(W)	≤12	≤12
额定电压(VDC)	Nominal voltage(VDC)	12	24
工作电流(A)	Working current(A)	≤1	≤0.5
吸合电压(VDC)	Pick-up voltage(VDC)	≤8	≤15
释放电压(VDC)	Drop-out voltage(VDC)	1-3.5	1-6.5
允许最大电压(VDC)	Max allowable overdrive voltage(VDC)	27	54

线路图(底视图) / WIRING DIAGRAM (BOTTOM VIEW)



外形图 / OUTLINE DIMENSIONS

单位/Unit(mm)



未注公差/Tolerance: ± 0.3

端子垂直度/Terminal vertical deviation tolerance: 0.3mm