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BT Telecom Relay

■FEATURES 特点

•2 Form C Contact

触点形式为两组转换

•DIL Pitch Terminals

•High Reliability Bifurcated Contact

触点断开可靠度高

•Conforms to FCC Part 68 1500V Surge and Dielectric Strength 1000VAC

•Fully sealed

完全密封

•UL File No. E147052

■COIL RATING(at 20°C) 线圈参数



Nominal Voltage (VDC) 额定电压	Coil Resistance ($\Omega \pm 10\%$) 线圈电阻	Nominal Current (mA) 耗电流	Pick-Up Voltage (VDC) 吸合电压	Drop-out voltage (VDC) 释放电压	Maximum Allowable Voltage (VDC) 最大过载电压	Power Consumption (mW) 线圈功率
5	167	30	3.5	0.5	6.0	150
6	240	25	4.2	0.6	7.2	150
9	540	16.6	6.3	0.9	10.8	150
12	960	12.5	8.4	1.2	14.4	150
24	2880	8.3	16.8	2.4	28.8	200
48	7680	6.25	33.6	4.8	57.6	300

■ORDERING INFORMATION 订货编号

BT-12 S



Coil Voltage 线圈电压	Coil Sensitivity 线圈灵敏度
See Coil Rating 参见 " 线圈参数表 "	S:150~300mW low consumption type S:150-300 毫瓦低功率

Nil:Power Consumption up to 560mW available upon request

■SPECIFICATIONS 规格表

Model No. 型号	BT
Contact Arrangement 触点形式	2 Form C
Contact Type	Bifurcated
Contact Material 触点材质	AgPd+Au Clad
Contact Resistance 接触电阻	Max. 60m Ω (initial)

Contact Rating (at Resistive Load) 触点负载(阻性负载)	Max.Switching Voltage 最大开关电压	220VAC,150VDC
	Max.Switching Current 最大开关电流	2A
	Max.Switching Power 最大开关功率	30W(DC),50VA(AC)
	Rated Load 触点容量	1.25A 24VDC 0.5A 100VAC
Dielectric Strength 介质耐压 Between Coil & Contacts 线圈与触点间 Between Contacts 触点组之间	Surge Strength 浪涌电压	1500V
	Operate Time 动作时间	Max. 6m Sec
Release Time 释放时间	Ambient Temperature 环境温度	Max. 4m Sec -30 °C ~+80 °C
Insulation Resistance 绝缘电阻	Vibration Resistance 振动	Min. 1000M Ω at 500VDC 1.5mm D.A 10-55HZ
Shock 冲击	Functional 动作极限	10G
	Destruction 破坏极限	100G
Mechanical Life 机械寿命	Electrical Life (Resistive Load) 电气寿命 (负载)	2×10 ⁷ Operations(at no load) 2×10 ⁶ Operations at 1mA 20m VAC 2×10 ⁶ Operations at 20mA 20 VDC 1×10 ⁵ Operations at 1.25A 24 VDC 1×10 ⁵ Operations at 0.5A 100 VAC
Weight 重量		Approx.6g

