

## **High Power Capacitor Discharge Resistors**



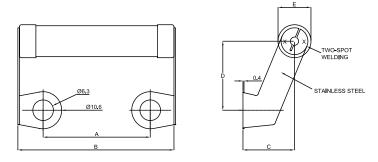
# **Type YP Series**

#### **Characteristics -**Electrical

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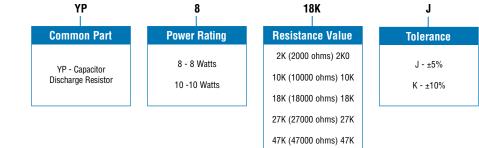
Resistance Values:	2K, 10K, 18K, 27K, 47K. Other values on request and to order ±5%			
Resistance Tolerance:				
Temperature Coefficient:	±30 ppm/°C (typ.), ±100 ppm/°C (maximum)			
Maximum Voltage:	825V dc or ac(rms) for YP10, 570V for YP8			
Derating:	Derated linearly to zero at 350°C			
Power Rating:	10W @ 70°C for YP10 and 8W @ 70°C for YP8			
Stability:	70°C, 1000hr - R/R @ 100% load <±5%			
Standard:	Performance as per BS - CECC 40201-002			
Marking:	Type, Resistance value, Tolerance			

### Dimensions



	Dimensions					
	A ±1mm	B max.	C ±1mm	D ±1mm	E ±1mm	
YP8	22.2	40	15	21	9.5	
YP10	31.8	50	15	21	9.5	

How to Order



temperatures from -55°C to 350°C. The terminals are designed for quick and easy mounting on capacitors and have a mounting pitch of 22.2 and 31.8 mm. These are wirewound ceramic core resistors designed for voltage balancing of series connected aluminium electrolytic capacitors. These resistors are also suitable for capacitor voltage discharge safety applications in high voltage circuits. Ideally suited for industrial grade capacitors.

The YP series resistors are coated with multilayer silicone to give an excellent protection to the resistance wire at

#### **Key Features**

- Flameproof Silicone Coating
- Stainless Steel Mounting Terminals for Direct Mounting on Capacitors
- Premium Quality Resistive Wires
- Attractively Priced
- **Custom Designs Possible**
- Innovative Design

Literature No. 1773300 Issued: 04-05

Dimensions are shown for reference purposes only.

Dimensions are in millimetres unless otherwise specified.

Specifications subject to change.

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