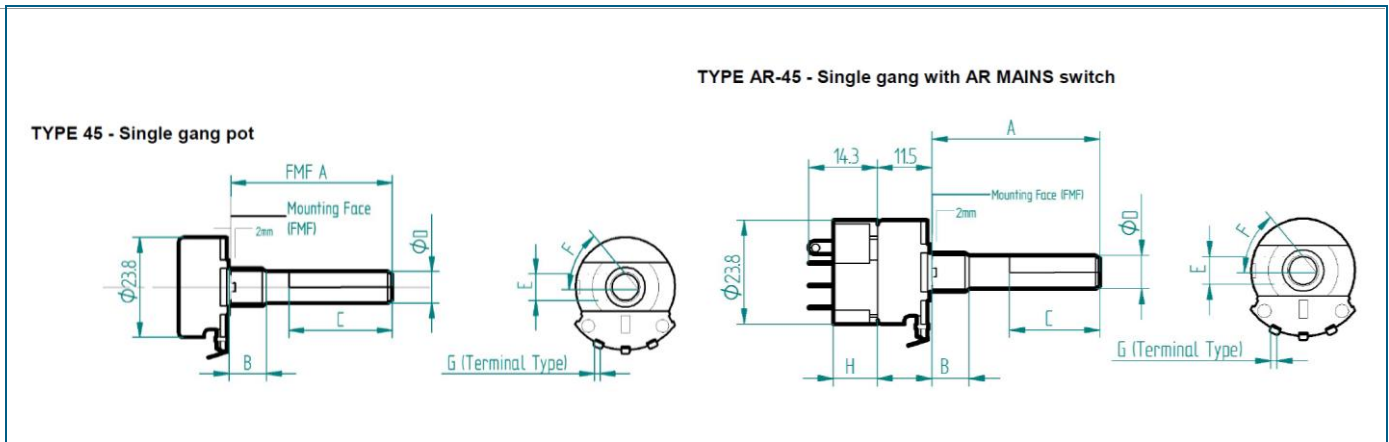


# Carbon Composition Potentiometers

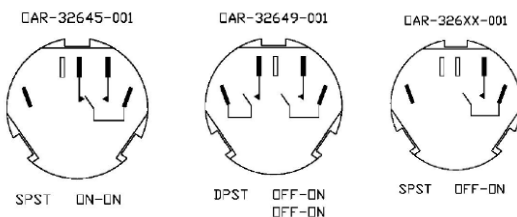
## Series 45



### Technical data

<b>Mechanical Rotation</b>	300° +/- 5° without switch 320° +/- 5° with switch	<b>Resistance Range</b>	500 Ω to 10M Ω Linear 1K Ω to 10M Ω Logarithmic
<b>Operating Torque</b>	0.7 – 3.6 Ncm	<b>Resistance Tolerance</b>	Standard +/- 20% for values to 1M Ω +/- 20% for values above 1M Ω Special +/- 10%
<b>End Stop Torque</b>	113 Ncm minimum	<b>Insulation Resistance</b>	>5000M Ω
<b>Mounting Details</b>	M10 diecast bush, M10x0.75x8mm ling with standard or DIN locating key	<b>Voltage Rating</b>	500V d c maximum
<b>Voltage Proof</b>	1.5 kV peak minimum	<b>Temperature Range</b>	-25°C to 70°C
<b>Temperature Coefficient</b>	Typically +/- 500ppm	<b>Power Rating at 40°C Ambient Temperature</b>	0.5W Linear 0.25W Logarithmic
<b>Mains Switch-Type AR</b>	The switch is rated at 2A/250V with a surge rating of 64A		

#### Mains Switch contact Arrangement



**General Note** This datasheet does not give any information on product availability. The information given is just meant to describe the product and is not to be considered as guaranteed characteristics in the legal sense. All products are subject to design changes in the interest of further technical development.