

Iskra P11M series potentiometers

Order Code	Manufacturers Part No	Description
545-090	P11M10A470R	470R Lin potentiometer
545-091	P11M10A1K	1K Lin potentiometer
545-092	P11M10A2K2	2K2 Lin potentiometer
545-093	P11M10A4K7	4K7 Lin potentiometer
545-094	P11M10A10K	10K Lin potentiometer
545-095	P11M10A22K	22K Lin potentiometer
545-096	P11M10A47K	47K Lin potentiometer
545-097	P11M10A100K	100K Lin potentiometer
545-098	P11M10A220K	220K Lin potentiometer
545-099	P11M10A470K	470K Lin potentiometer
545-100	P11M10A1M	1M Lin potentiometer
545-101	P11M10A2M2	2M2 Lin potentiometer
545-102	P11M10A470R2	470R Log potentiometer
545-103	P11M10A1K2	1K Log potentiometer
545-104	P11M10A2K22	2K2 Log potentiometer
545-105	P11M10A4K72	4K7 Log potentiometer
545-106	P11M10A10K2	10K Log potentiometer
545-107	P11M10A22K2	22K Log potentiometer
545-108	P11M10A47K2	47K Log potentiometer
545-109	P11M10A100K2	100K Log potentiometer
545-110	P11M10A220K2	220K Log potentiometer
545-111	P11M10A470K2	470K Log potentiometer
545-112	P11M10A1M2	1M Log potentiometer
545-113	P11M10A2M22	2M2 Log potentiometer

RoHS compliant

The enclosed information is believed to be correct. Information may change without notice due to product improvement. Check to ensure that the product is suitable for the intended application. E. and O.E

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Series P11M - Feature

- Closed version
- Modular design
- Allowing up to four potentiometers on the same plastic spindle
- A switch can be connected to any model
- Resistance tolerance:
 - ±20% for values 100Ω to 1MΩ
 - ±30% for values > 1MΩ to 4.7MΩ
- On special request closer tolerances are available

Modular Rotary Operated Types / Ser. P11M / 16 mm

Technical data

Rated dissipation at $\vartheta_{amb} = 40^{\circ}\text{C}$	lin 0.25W / other 0.125W
Resistance value range	lin 100Ω to 4.7MΩ / log 2.2kΩ to 2.5MΩ
Nominal voltage	lin 500V / other 250V
Electric angle of rotation	$260^{\circ} \pm 20^{\circ}$
Mecanical angle of rotation	$300^{\circ} \pm 5^{\circ}$
Operating torque	5 to 25 mNm
End stop torque	≥ 400 mNm
With supplied mounting nut max.torque for tightening	max 800 mNm
Resistance laws (DIN 41450)	lin, log +, log -, special
Residual resistance (DIN 41450)	lin $\leq 1 \times 10^{-3} R_n$ / non lin $\leq 1 \times 10^{-3} R_n$ / final $\leq 2 \times 10^2 R_n$
Temperature range (HSF,DIN 40040)	-25°C to 70°C
Switch rating	250 V _{ac} , 1 A
Lock nut torque	max 0.8Nm

P11M10AP6L45R

