

BOURNS Panel Controls



RoHS compliant This product is RoHS compliant.

PSM SERIES MOTORIZED SLIDE POTENTIOMETERS

Characteristics:

- Standard Resistance Tolerance: $\pm 20\%$
- Power Rating-Audio: .25 Watt
- Operating Temperature Range: -10°C to $+55^{\circ}\text{C}$
- Rated Voltage: 10 VDC
- Operating Voltage Supply: 6 to 11 VDC
- Starting Current: 800 mA max.
- Starting Force @ 10 VDC: 20 gf
- Lever Speed @ 10 VDC: 20mm/1 sec.

Features:

- Long life carbon element
- Assortment of resistance tapers
- 100mm travel length
- Touch sense lever
- PC terminals or snap-in connector option



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Fig.	Taper	Value Ω	Price Each			
					1	50	100	500
PC								
652-PSM01081A103B2	P5M01-081A-103B2	A	Linear	250	21.80	20.35	18.17	15.16
PC								
652-PSM01082A103B2	P5M01-082A-103B2	A	Linear	250	30.46	28.43	25.39	22.89

PTL SERIES SLIDE POTENTIOMETERS WITH LED

Specifications:

- Resistance Tolerance: $\pm 20\%$
- End Resistance: 30 Ω max.
- Power Rating - Linear: 0.2W
- Operational Life: 15,000 cycles
- Temperature Range: -10°C ~ 55°C
- Linear Taper

Features:

- 60mm length of travel
- Carbon Element
- Red, Orange and Green LED
- Center Detent
- RoHS compliant

Applications:

- Mixing consoles
- Drum machines
- Keyboards and synthesizers
- Equalizers



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MOUSER STOCK NO.	Bourns Part No.	Fig.	Value (Ω)	LED Color	Price Each			
					1	50	100	500
652-PTL60-15R1-102B2	PTL60-15R1-102B2	B	1K	Red	2.64	2.31	1.98	1.65
652-PTL60-15O1-102B2	PTL60-15O1-102B2	B	1K	Orange	2.64	2.31	1.98	1.65
652-PTL60-15G1-102B2	PTL60-15G1-102B2	B	1K	Green	2.64	2.31	1.98	1.65
652-PTL60-15R1-502B2	PTL60-15R1-502B2	B	5K	Red	2.64	2.31	1.98	1.65
652-PTL60-15O1-502B2	PTL60-15O1-502B2	B	5K	Orange	2.64	2.31	1.98	1.65
652-PTL60-15G1-502B2	PTL60-15G1-502B2	B	5K	Green	2.64	2.31	1.98	1.65
652-PTL60-15R1-103B2	PTL60-15R1-103B2	B	10K	Red	2.64	2.31	1.98	1.65
652-PTL60-15O1-103B2	PTL60-15O1-103B2	B	10K	Orange	2.64	2.31	1.98	1.65
652-PTL60-15G1-103B2	PTL60-15G1-103B2	B	10K	Green	2.07	1.64	1.50	1.26
652-PTL60-15R1-503B2	PTL60-15R1-503B2	B	50K	Red	2.64	2.31	1.98	1.65
652-PTL60-15O1-503B2	PTL60-15O1-503B2	B	50K	Orange	2.64	2.31	1.98	1.65
652-PTL60-15G1-503B2	PTL60-15G1-503B2	B	50K	Green	2.64	2.31	1.98	1.65
652-PTL60-15R1-104B2	PTL60-15R1-104B2	B	100K	Red	2.64	2.31	1.98	1.65
652-PTL60-15O1-104B2	PTL60-15O1-104B2	B	100K	Orange	2.64	2.31	1.98	1.65
652-PTL60-15G1-104B2	PTL60-15G1-104B2	B	100K	Green	2.64	2.31	1.98	1.65

PTE SERIES LOW PROFILE SLIDE POTENTIOMETERS

Specifications:

- Resistance Tolerance: $\pm 20\%$
- End Resistance: 2 Ω max.
- Operational Life: 100,000 cycles
- Temperature Range: -10°C ~ 55°C
- Linear Taper

Features:

- 60mm length of travel
- Carbon Element
- Single and Dual gang elements
- Tracking error within $\pm 2\text{dB}$
- RoHS compliant

Applications:

- Mixing consoles
- Drum machines
- Keyboards and synthesizers
- Equalizers



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Fig.	Value (Ω)	Gang Elements	Price Each			
					1	50	100	500
652-PTE60-151B-102B2	PTE60-151B-102B2	C	1K	Single	7.60	5.23	4.70	3.66
652-PTE60-152B-102B2	PTE60-152B-102B2	C	1K	Dual	7.60	5.23	4.70	3.66
652-PTE60-151B-502B2	PTE60-151B-502B2	C	5K	Single	7.60	5.23	4.70	3.66
652-PTE60-152B-502B2	PTE60-152B-502B2	C	5K	Dual	7.60	5.23	4.70	3.66
652-PTE60-151B-103B2	PTE60-151B-103B2	C	10K	Single	6.46	5.12	4.66	3.66
652-PTE60-152B-103B2	PTE60-152B-103B2	C	10K	Dual	7.60	5.23	4.70	3.66
652-PTE60-151B-503B2	PTE60-151B-503B2	C	50K	Single	7.60	5.23	4.70	3.66
652-PTE60-152B-503B2	PTE60-152B-503B2	C	50K	Dual	6.46	5.12	4.66	3.66
652-PTE60-151B-104B2	PTE60-151B-104B2	C	100K	Single	7.60	5.23	4.70	3.66
652-PTE60-152B-104B2	PTE60-152B-104B2	C	100K	Dual	7.60	5.23	4.70	3.66

PTF SERIES LONG LIFE SLIDE POTENTIOMETERS

Specifications:

- Resistance Tolerance: $\pm 20\%$
- End Resistance: 1 Ω max.
- Operational Life: 100,000 cycles
- Temperature Range: -10°C ~ 55°C
- Linear Taper

Features:

- 100mm length of travel
- Carbon Element
- Single and Dual gang elements
- Tracking error within $\pm 2\text{dB}$
- RoHS compliant

Applications:

- Mixing consoles
- Drum machines
- Keyboards and synthesizers
- Equalizers



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MOUSER STOCK NO.	Bourns Part No.	Fig.	Value (Ω)	Price Each			
				1	50	100	500
652-PTF01-152A-102B2	PTF01-152A-102B2	D	1K	5.52	4.91	4.30	3.30
652-PTF01-152A-502B2	PTF01-152A-502B2	D	5K	5.52	4.91	4.30	3.30
652-PTF01-152A-103B2	PTF01-152A-103B2	D	10K	5.70	5.10	4.49	3.52
652-PTF01-152A-503B2	PTF01-152A-503B2	D	50K	5.52	4.91	4.30	3.30
652-PTF01-152A-104B2	PTF01-152A-104B2	D	100K	5.52	4.91	4.30	3.30

