

Brake chopper

mcER-L60-60

Article number: 1511532

Technical data

Absolute maximum rating	
Voltage (destruction limit) no polarity reversal protection	100 V
Power	
Electronic supply voltage U_p	18..60 V
Electronic current consumption	typ. 10 mA
Braking peak current @ $U_{Br}=60V$	60 A
Braking continuous current @ $T_a = 40^\circ C$	5 A
Braking resistor	
Braking voltage U_{Br}	60 V
Braking resistor @ $U_{Br}=60V$	min. 1 Ohm (external)
Maximum duty cycle	100 %
Integrated electrolytic capacitors	100 μF
Mechanical	
Size LxWxH	74 x 45.5 x 14 mm
Weight	30 g
Environment	
Protection class	IP20
Operating temperature* ⁶	-40..70 °C
Rel. humidity (non-condensing)	5..90 %

Error recognition	
Short circuit braking resistor	yes
Braking resistor is missing / defective	yes
Overtemperature electronic	yes
Overtemperature braking resistor	no
Digital output	
Number	1 (/ERR)
Continuous output current	typ. 10 mA
Load	resistive
Output voltage	U_p (24V max.)
Signal type	positive switching

Additional technical data are available in mcManual.



Scheme



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Terminal assignment

X1	Supply	
1	GND	Ground for power supply voltage
2	+Up	Power supply voltage
3	Rd1	Braking resistor
4	/Error	Error output
5	Rd2	Braking resistor