

## Brake chopper

**mcER-L60-30**

Article number: 1511525

**Technical data**

<b>Absolute maximum rating</b>	
Voltage (destruction limit) no polarity reversal protection	100 V
<b>Power</b>	
Electronic supply voltage $U_p$	18..30 V
Electronic current consumption	typ. 10 mA
Braking peak current @ $U_{Br}=30V$	60 A
Braking continuous current @ $T_a = 40^\circ C$	5 A
<b>Braking resistor</b>	
Braking voltage $U_{Br}$	30 V
Braking resistor @ $U_{Br}=30V$	min. 0.5 Ohm (external)
Maximum duty cycle	100 %
Integrated electrolytic capacitors	100 uF
<b>Mechanical</b>	
Size LxWxH	74 x 45.5 x 14 mm
Weight	30 g
<b>Environment</b>	
Protection class	IP20
Operating temperature*6	-40..70 °C
Rel. humidity (non-condensing)	5..90 %

<b>Error recognition</b>	
Short circuit braking resistor	yes
Braking resistor is missing / defective	yes
Overtemperature electronic	yes
Overtemperature braking resistor	no
<b>Digital output</b>	
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