

Brake chopper

mcER-L40

Article number: 1506795



Picture similar

Technical data

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 @ $T_a = 40^\circ C$	10 A
Braking resistor	
Adjustable braking voltage U_{Br}	18..60 V
Braking resistor @ $U_{Br}=60V$	min. 1 Ohm (external)
Maximum duty cycle	100 %
Integrated electrolytic capacitors	400 μF
Mechanical	
Size LxWxH	110 x 22.5 x 77 mm
Weight	110 g
Environment	
Protection class	IP20
Operating temperature	0..70 °C
Rel. humidity (non-condensing)	5..85 %
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

* default value

Additional technical data are available in mcManual.



Scheme



Terminal assignment

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