

Brake chopper

mcER-L41

Article number: 1506796



Picture similar

Technical data

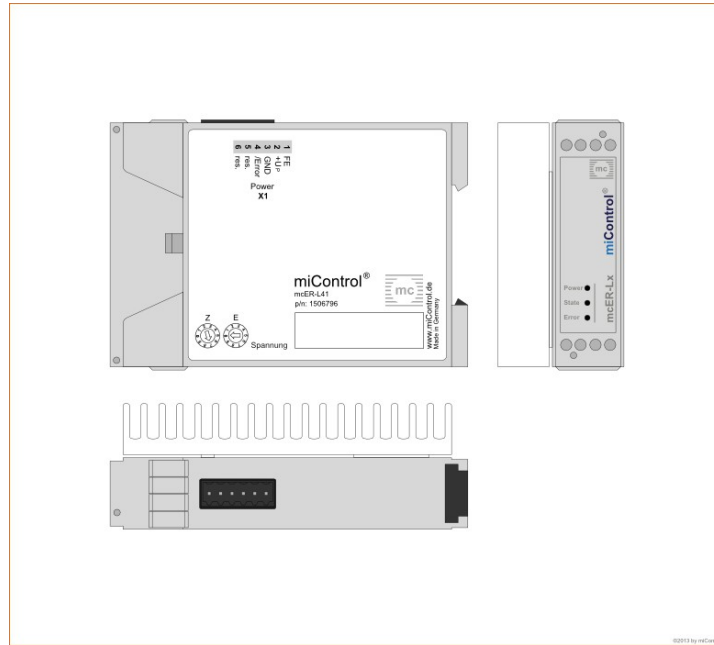
Power	
Electronic supply voltage U_p	18..60 V
Electronic current consumption	typ. 10 mA
Maximum braking current @ $U_{Br}=60V$	24 A
Continuous braking current @ $T_a = 40^\circ C$	3 A
Braking resistor	
Adjustable braking voltage U_{Br}	18..75 V
Braking resistor	2.5 Ohm (integrated)
Maximum duty cycle	100 %
Integrated electrolytic capacitors	440 μF
Mechanical	
Size LxWxH	110 x 40 x 77 mm
Weight	380 g
Environment	
Protection class	IP20
Operating temperature	0..70 $^\circ C$
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	yes
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	reserved	Reserved
6	reserved	Reserved