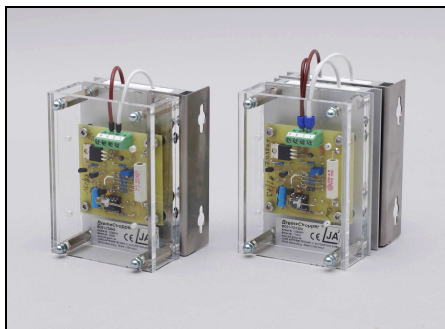


## Brake Chopper Unit BC01 for 72 VDC Bus

The BC01 brake chopper units are additional electronic brake units for **LinMot®** controllers working under 72 V DC-bus conditions. Especially useful in combination with the LinMot controller series B1100, C1100 and C1200, because of their lacking of an internal brake circuit.



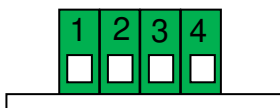
### Performance

- compatible with **LinMot®** controller families, which don't have internal brake circuits
- switch-on voltage 81 VDC, switch-off voltage 79 VDC
- peak brake power 640 W or 1.300 W
- continuous brake power 100 W or 200 W
- self-extinguishing brake resistor in case of overload or malfunction

### Technical data of brake chopper units BC01-72

Technical data		BC01-72/640	BC01-72/1300
switch-on voltage	VDC	81	
switch-off voltage	VDC	79	
power supply		direct from DC-bus	
brake resistor	Ω	10	5
peak braking power 8% duty	W	650	1.300
continuous brake power 100 % duty	W	100	200
overload and malfunction behaviour		resistor does not inflame	
intended use		installation on control cabinet mounting plates	
connector		screw terminals 2,5 mm <sup>2</sup>	
operating temperature / storage temperature	°C	0 – + 45 / - 20 – + 75	
relative humidity	%	20 – 90 not condensing	
IP protection class		IP00	
dimensions (w x h x d)	mm	78 x 125 x 81	98 x 125 x 81
net weight	kg	0,56	0,84

### Connector X1



- X1/1 PWR+ (+ 72 VDC DC-bus)
- X1/2 brake resistor
- X1/3 brake resistor
- X1/4 PGND (0 V DC-bus)