

3.10 Electronic Braking System VersiBrake [40 - 600A]

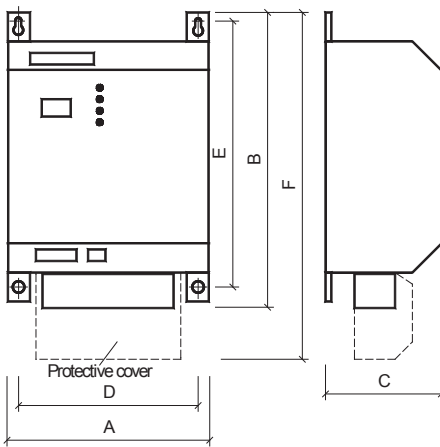
Technical data	VB ...					
	230-40 400-40	230-60 400-60	230-100 400-100	230-200 400-200	230-400 400-400	230-600 400-600
mains voltage according to DIN EN 50160 (IEC 38)	220/240V ±10% 50/60Hz (standard) 380/415V ±10% 50/60Hz (standard) 200 – 690V ± 10% 50/60Hz (wide voltage range)					
power draw of the electronics	6 VA					
recommended for rated motor currents up to	20A	30A	50A	100A	200A	300A
rated device current	40A	60A	100A	200A	400A	600A
c.d.f. at max. braking current	20%					
I ² t-value power semiconductor in A ² s	1050	4900	6050	8000	32000	112500
braking voltage	0 ... 130VDC at 220/240V 0 ... 220VDC at 380/415V					
max. braking time	40s with standstill-dependent braking 320s with time-dependent braking					
contact rating of output relays	3A/250VAC; 3A/30VDC					
delay time for reduction of residual e.m.f.	self-optimizing (200 ... 3100ms)			self-optimizing (1600 ... 3100ms)		
max. cross-sectional area	16mm ²	16mm ²	16mm ²	35mm ²	screw M12	
ambient / storage temperature	0°C ... 45°C / -25°C ... 75°C					
weight / kg	2,1		3,1		7,2	10,2

Note:

Please pay attention and consider for the operation of IE3 motors while dimensioning of softstarters and dc brakes the resulting higher starting and braking currents.

For the use of IE3 motors we highly recommend to dimension and design the needed softstarters and braking devices one size higher.

Dimensions:



	A	B	C	D	E	F
VB ... - 40	110	242	140	86	226	
VB ... - 60	110	242	140	86	226	
VB ... - 100	110	242	140	86	226	
VB ... - 200	110	255	155	80	226	
VB ... - 400	210	275	165	180	226	340
VB ... - 600	310	280	165	280	226	355

All dimensions indicated in mm

Connection Diagram:

