



POWER BOX



RoHS compliant
REACH compliant

■ FEATURES

- Intermediate-circuit Film Capacitor
- Very high current
- Robust and compact design
- Customized design
- Low ESR
- Vibration proofed
- Self-healing PP dielectric

■ APPLICATIONS

- DC-Link
- High voltage power supplies
- Drilling and mining machinery
- Traction and welding

■ GENERAL SPECIFICATIONS

General specifications	Characteristics
Capacitance range	2600 µF ... 22800 µF
Rated voltage DC	500 V; 1800 V others on request
Rated current	up to 850 A
Available tolerance	± 10 %
Operating temperature range	-40 °C ... +85 °C
Climatic category DIN IEC 68/1	40/085/21

Different terminals, case sizes, voltages and capacitance combinations are available on request. Also in small lots.

ELECTRICAL DATA FOR SERIES POWER BOX

U_N [DC]	C_N [μ F]	I_{peak} [kA]	Energy [Ws]	I_{max}
1800	2600	22,3	4212	500
1600	3200	24,4	4096	520
1400	4200	27,8	4116	560
1200	5800	33,0	4176	600
1100	6800	35,4	4114	620
1000	8200	38,6	4100	650
900	10200	43,2	4131	700
800	13000	48,9	4160	740
650	16800	55,3	3549	790
500	22800	64,4	2850	850

EXAMPLE OF DRAWINGS FOR SERIES POWER BOX

