

Datenblatt / data sheet

Anwendung/Application: Kondensator für die Blindleistungskompensation
AC capacitor for power factor correction

Standards EN 60831-1/2, IEC 60831-1/2, VDE 0560-46/47

Bestellnr. / order code : DTIC 44-3x166.0 cvS -5 +10%

Nennwerte / ratings

Q _C	kvar	25.0	26.9	30.0	30.0	36.0
U _N	V	400	415	440	400	440
f _N	Hz	50	50	50	60	60
I _N	A	3x 36.1	37.4	39.4	43.3	47.2
C _N	µF	3x 166.0				

Outline drawing

Kapazitätstoleranz / capacitance tolerance	-5..+10 %
Verlustleistung / power dissipation	0.25 W/kvar
Temperaturklasse / temperature class	-40/D
Feuchteklasse / humidity class	C
Lagertemperatur / storage temperature	-40..+70 °C
Schaltung / circuitry	D
Schutzgrad / protection	IP20

Grenzwerte / Maximum ratings

Zulässige Spannungen / 8h/d	485 V
admissible voltages	30min/d
	510 V
	5min (max. 200x)
	530 V
	1min (max. 200x)
	575 V
U _s	1350 V
I _{max}	3x 71 A
I _s	7100 A

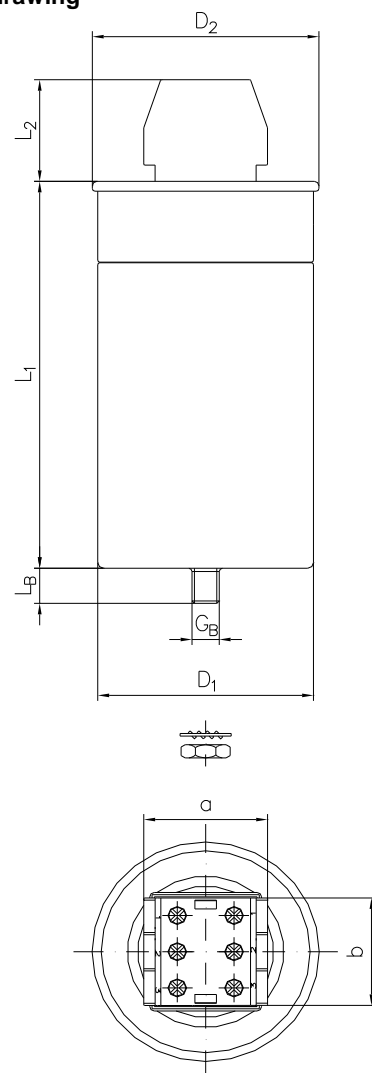
Prüfdaten / Test parameters

U _{BB}	950 V AC/2s
U _{BG}	3.6 kV AC/2s

Maße / Dimensions

D ₁	116 ± 1	mm
D ₂	120.5 ± 0,5	mm
L ₁	230 ± 2	mm
L ₂	35 + 5	mm
L _B	16 + 1	mm
G _B	M12	
a	44 ± 1	mm
b	42 ± 1	mm
Luftstrecke / clearance in air	16	mm
Kriechstrecke / creepage distance	16	mm

Gewicht / weight 2.3 kg



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