

133  $\mu$ F / 500 V

B32362-C5137-J301

### CHARACTERISTICS

Rated Capacitance $C_N$	133 $\mu$ F $\pm$ 5%
Rated Voltage DC $U_{RDC} / U_N$	1200 V
Rated Voltage AC $U_{RAC} / U_{RMS}$ sinusoidal	500 V
Rated Frequency	50 / 60 Hz
Reactive power at 40 °C	22 kvar
Insulation resitance ( $I_r$ )	> 1,5G $\Omega$

### MAXIMUM RATINGS

Max. Fundamental Freq. Current	26 A
Max. Total RMS Current w/ Harmonics	40 A
dv/dt	30 V / $\mu$ s
Transient Inrush Current max.	100 x $I_{RAC}$
Maximum Fault Current as per UL810	10 000 A

### TEST DATA

Voltage between terminals $U_{TT}$	2,15 x $U_{RAC}$ , 2 s
Voltage terminals - aluminum can $U_{TC}$	3500 Vac, 2 s
Dissipation factor $\tan\delta$ at (50 Hz)	$\leq 6.0 \times 10^{-4}$
Life test: IEC 61071 at Rated Voltage, 32 A sinusoidal,	
Rated Case Temp. (94% survival)	60 000 hours
Max. Cap. Change at 50 °C $ \Delta C/C $	3%

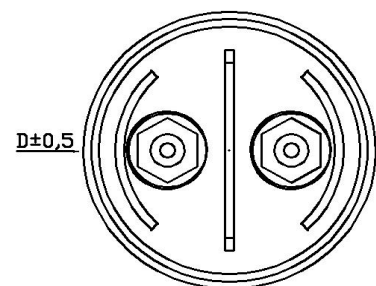
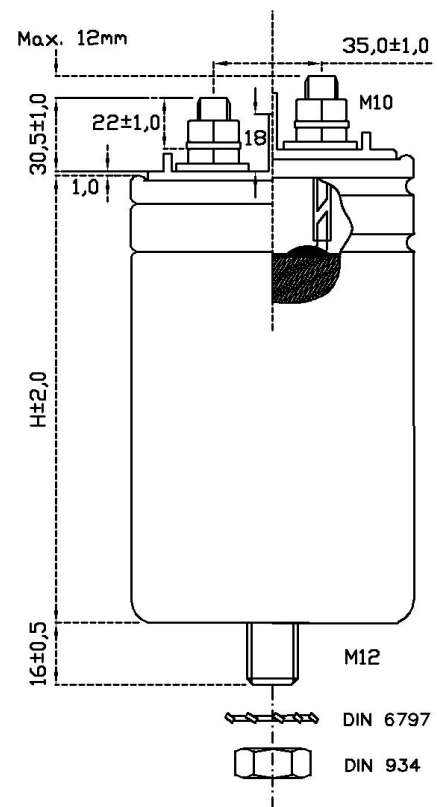
### Climatic category: -40/85/21

Storage Temperature	$T_{min}$ : -40 °C, $T_{max}$ : +75 °C
Op. Ambient Temp. with natural cooling	-40 °C/+70 °C
Permissible max. humidity	95%
Max. permissible altitude	2000 m above sea level
Dielectric Fluid Flash Point	N. A. (no diel. Fluid)

### General Data

Dimension d x h:	85 X 197 mm
Weight	1.5 kg
Resin filling	Non PCB, Soft Polyurethane
Mounting and grounding	M12 stud
Cooling	Naturally air-cooled (or forced air cooling)
Safety device	Overpressure disconnecter, self-healing technology
Cooling	Naturally air-cooled (or forced air cooling)
Degree of protection	Indoor mounting
Terminals	M10 screws (Torque <sub>MAX</sub> : 10Nm      Torque <sub>NOM</sub> : 8Nm)
Reference standards	IEC 61071

Before safety device operation      After safety device operation



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