

**Characteristics**

$C_N$	5000 $\mu$ F +10/-0 %
$U_N$	DC 2200 V
$U_i$	AC 1900 V
$W_N$	12000 Ws
$I_{max}$	110 A
$L_{self}$	140 nH
$\tan\delta_0$	$2 \cdot 10^{-4}$

**Maximum ratings**

$\hat{u}$	2650 V
$u_s$	3300 V

**Test data**

$U_{TT}$	DC 3300 V, 10 s
$U_{TC}$	AC 5400 V, 60 s
$R_{is} \cdot C$	$\geq 10000$ s
$\tan\delta$ (50 Hz)	$\leq 20 \cdot 10^{-4}$

**Climatic category** 40/070/56 (IEC 68-1/2)

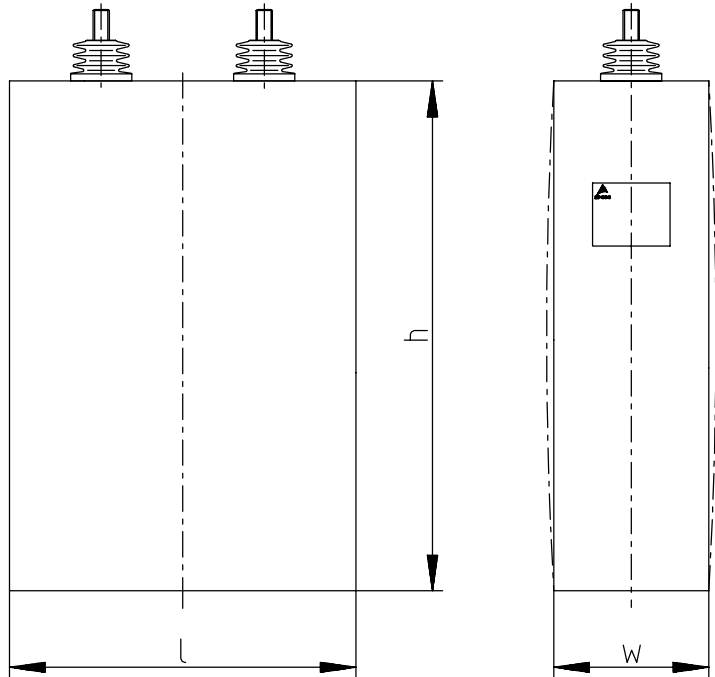
$\Theta_{min}$	-40 °C
$\Theta_{max}$	+70 °C
Humidity	Average relative humidity $\leq 95$ %
$\Theta_{stg}$	-45 bis +85 °C

Values after test Ca, IEC 68-2:  
(56 days, 40°C, 93% rel. humidity)

$\Delta C/C$	$\leq 1$ %
$\Delta \tan\delta$	$\leq 1 \cdot 10^{-4}$
$R_{is} \cdot C$	$\geq 10000$ s

**Life expectancy**

$t_{LD}$	100 000 h
$\alpha_{FQ}$	$200 / 10^9$ h



Dimensions in mm

**Design data**

Dimensions l x w x h	455 x 175 x 565 mm
Approx. weight	50 kg
Impregnation	Gas

Terminals	Screw terminals M12
Max. torque	20 Nm

The information in our data book / sheet describes the type of component and shall not be considered as assured characteristics. Mentioned data are considered to be preliminary. Electrical, mechanical and climatic data are subject to change without further notice. Availability for delivery may not be deduced from this preliminary data sheet.