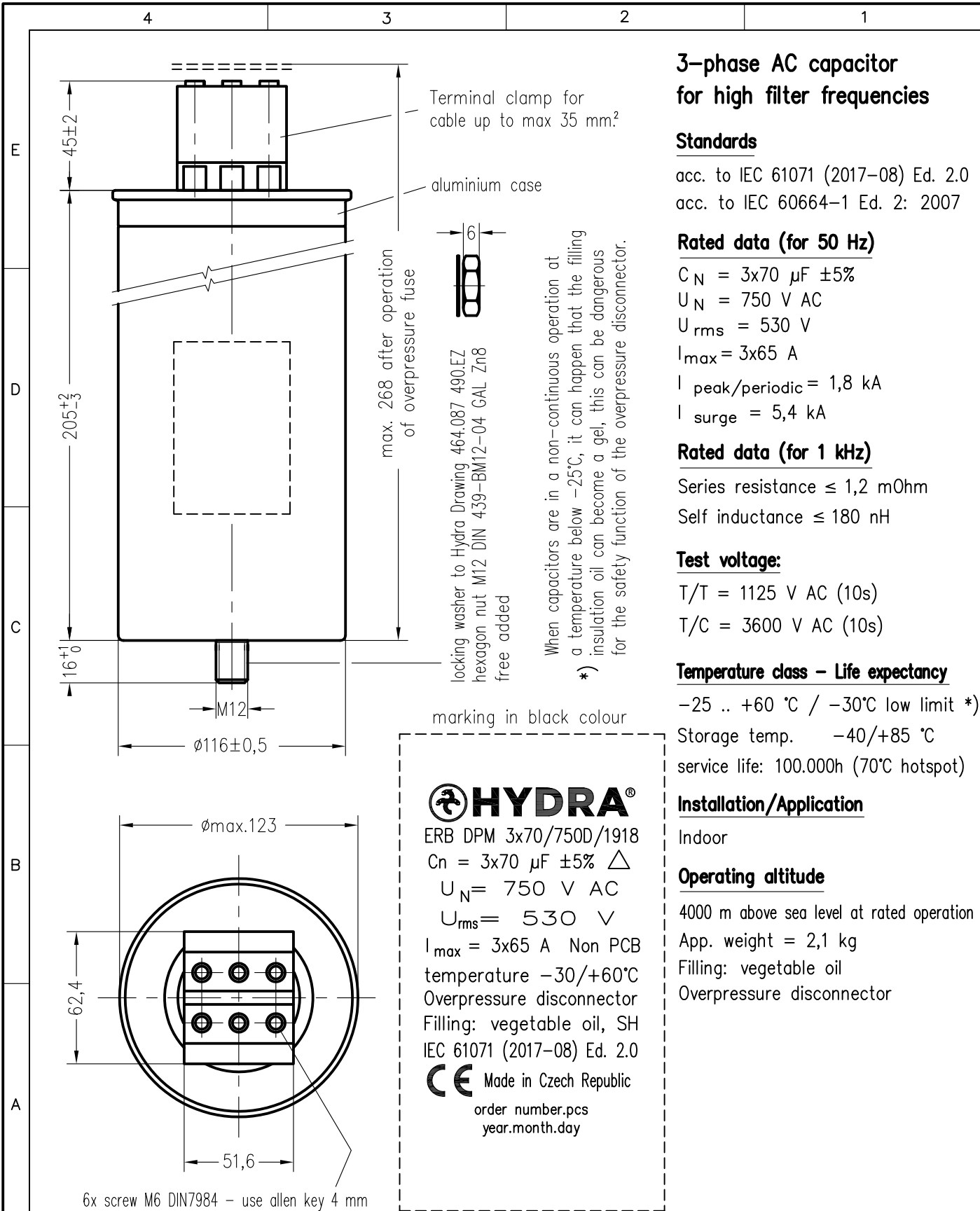


Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadensersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.



### 3-phase AC capacitor for high filter frequencies

#### Standards

acc. to IEC 61071 (2017-08) Ed. 2.0  
acc. to IEC 60664-1 Ed. 2: 2007

#### Rated data (for 50 Hz)

- $C_N = 3 \times 70 \mu F \pm 5\%$
- $U_N = 750 V AC$
- $U_{rms} = 530 V$
- $I_{max} = 3 \times 65 A$
- $I_{peak/periodic} = 1,8 kA$
- $I_{surge} = 5,4 kA$

#### Rated data (for 1 kHz)

- Series resistance  $\leq 1,2 m\Omega$
- Self inductance  $\leq 180 nH$

#### Test voltage:

- T/T = 1125 V AC (10s)
- T/C = 3600 V AC (10s)

#### Temperature class - Life expectancy

- 25 .. +60 °C / -30°C low limit \*)
- Storage temp. -40/+85 °C
- service life: 100.000h (70°C hotspot)

#### Installation/Application

- Indoor
- Operating altitude**
- 4000 m above sea level at rated operation
- App. weight = 2,1 kg
- Filling: vegetable oil
- Overpressure disconnecter

marking in black colour

**HYDRA®**  
 ERB DPM 3x70/750D/1918  
 $C_n = 3 \times 70 \mu F \pm 5\% \Delta$   
 $U_N = 750 V AC$   
 $U_{rms} = 530 V$   
 $I_{max} = 3 \times 65 A$  Non PCB  
 temperature -30/+60°C  
 Overpressure disconnecter  
 Filling: vegetable oil, SH  
 IEC 61071 (2017-08) Ed. 2.0  
**CE** Made in Czech Republic  
 order number.pcs  
 year.month.day

\*) When capacitors are in a non-continuous operation at a temperature below -25°C, it can happen that the filling insulation oil can become a gel, this can be dangerous for the safety function of the overpressure disconnecter.

Storage conditions for Hydra capacitors see instruction 464.073 909.FA appendix 10.				Freimasstoleranzen	Oberflaechen	Masstab: %	c:\set\autocad\vykresy\set_kk\td\183990td.dwg	
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				2018	Datum	Name	<h1>Technical data sheet</h1> <h2>ERB DPM 3x70/750D/1918</h2>	
				Bearb.	3 .APR.	Chrtek		
				Gepr.				
				Norm.				
01	0075/22	11.05.	Chr				<h1>464.183 990.TD</h1>	
Zust.	Aenderung	Datum	Name	Norm.	Urspr.:	Ers. f.:	Ers. d.:	
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