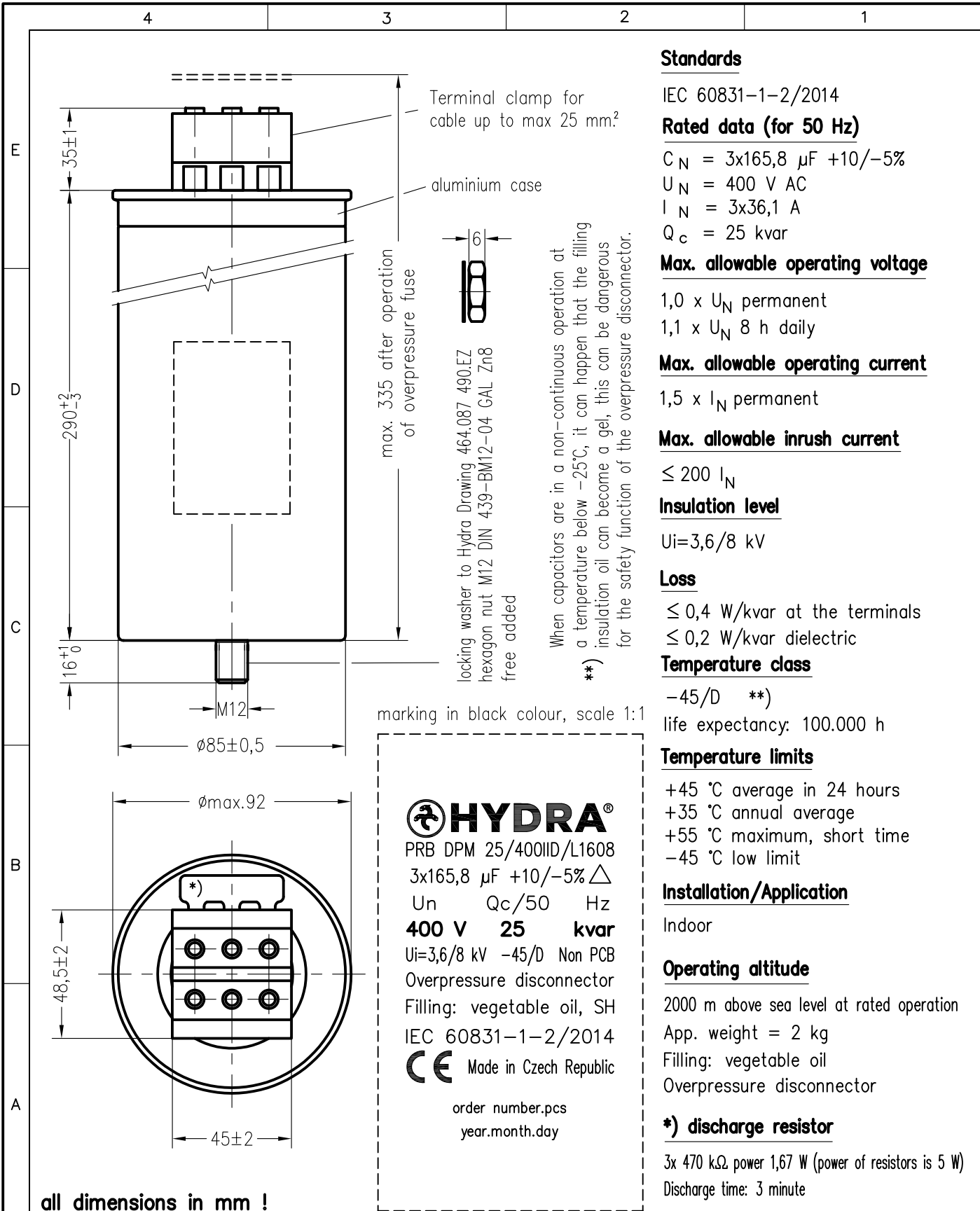


Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.



all dimensions in mm !

Standards

IEC 60831-1-2/2014

Rated data (for 50 Hz)

$C_N = 3 \times 165,8 \mu F +10/-5\%$
 $U_N = 400 V AC$
 $I_N = 3 \times 36,1 A$
 $Q_c = 25 kvar$

Max. allowable operating voltage

1,0 x U_N permanent
 1,1 x U_N 8 h daily

Max. allowable operating current

1,5 x I_N permanent

Max. allowable inrush current

$\leq 200 I_N$

Insulation level

$U_i = 3,6/8 kV$

Loss

$\leq 0,4 W/kvar$ at the terminals
 $\leq 0,2 W/kvar$ dielectric

Temperature class

-45/D **)
 life expectancy: 100.000 h

Temperature limits

+45 °C average in 24 hours
 +35 °C annual average
 +55 °C maximum, short time
 -45 °C low limit

Installation/Application

Indoor

Operating altitude

2000 m above sea level at rated operation
 App. weight = 2 kg
 Filling: vegetable oil
 Overpressure disconnector

***) discharge resistor**

3x 470 kΩ, power 1,67 W (power of resistors is 5 W)
 Discharge time: 3 minute

Terminal clamp for cable up to max 25 mm.²
 aluminium case
 max. 335 after operation of overpressure fuse
 locking washer to Hydra Drawing 464.087 490.EZ
 hexagon nut M12 DIN 439-BM12-04 GAL Zn8 free added
 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 disconnector.
 **)

marking in black colour, scale 1:1

HYDRA®
 PRB DPM 25/400IID/L1608
 $3 \times 165,8 \mu F +10/-5\%$
 $U_N \quad Q_c/50 \text{ Hz}$
400 V 25 kvar
 $U_i = 3,6/8 kV -45/D \text{ Non PCB}$
 Overpressure disconnector
 Filling: vegetable oil, SH
 IEC 60831-1-2/2014
CE Made in Czech Republic

order number.pcs
 year.month.day

Storage conditions for Hydra capacitors see instruction 464.073 909.FA appendix 10.			Freimasstoleranzen	Oberflaechen	Masstab: 1:2	C:\SET\AutoCAD vykresy\SET_KK\TD\1856441td.dwg
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			Gepr.			
			Norm.			
			HYDRA®		464.185 644.TD	
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