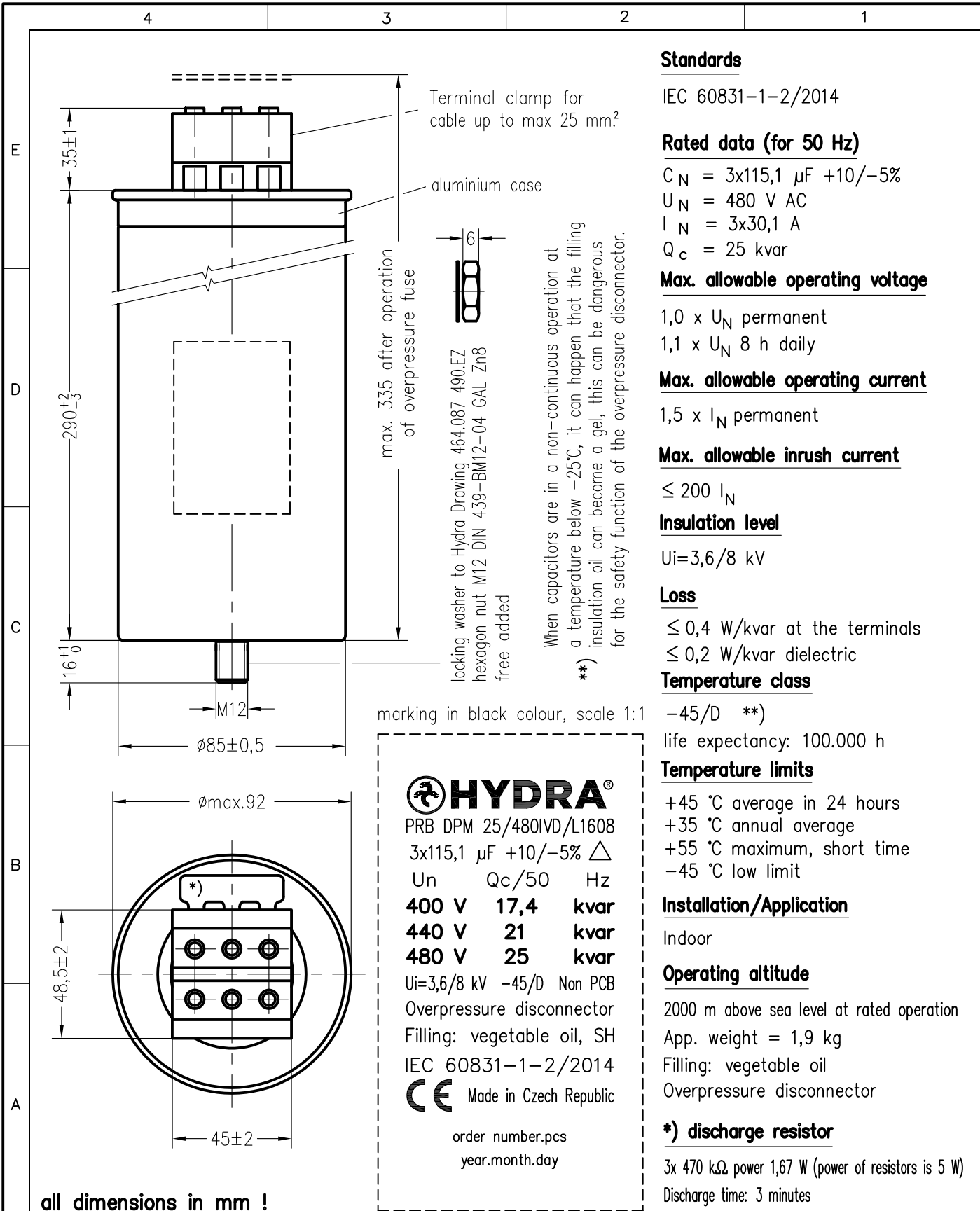


Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadensersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.



Standards

IEC 60831-1-2/2014

Rated data (for 50 Hz)

$C_N = 3 \times 115,1 \mu F +10/-5\%$
 $U_N = 480 V AC$
 $I_N = 3 \times 30,1 A$
 $Q_c = 25 kvar$

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 = 1,9 kg

Filling: vegetable oil

Overpressure disconnecter

***) discharge resistor**

3x 470 kΩ power 1,67 W (power of resistors is 5 W)

Discharge time: 3 minutes

Terminal clamp for cable up to max 25 mm²

aluminium case

locking washer to Hydra Drawing 464.087 490.EZ
 hexagon nut M12 DIN 439-BM12-04 GAL Zn8
 free added

max. 335 after operation of overpressure fuse

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.

**)

marking in black colour, scale 1:1

HYDRA®
 PRB DPM 25/480IVD/L1608
 $3 \times 115,1 \mu F +10/-5\%$ Δ
 U_N $Q_c/50$ Hz
400 V 17,4 kvar
440 V 21 kvar
480 V 25 kvar
 $U_i = 3,6/8 kV$ -45/D Non PCB
 Overpressure disconnecter
 Filling: vegetable oil, SH
 IEC 60831-1-2/2014
CE Made in Czech Republic

order number.pcs
 year.month.day

all dimensions in mm !

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\187455td.dwg	
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				2020	Datum	Name	<h1>Technical data sheet</h1> <h2>PRB DPM 25/480IVD/L1608</h2>	
				Bearb.	24.JAN.	Chrtek		
				Gepr.				
				Norm.				
				HYDRA®			464.187 455.TD	
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Zust.	Aenderung	Datum	Name	Norm.	Urspr.:	Ers. f.:	Ers. d.:	