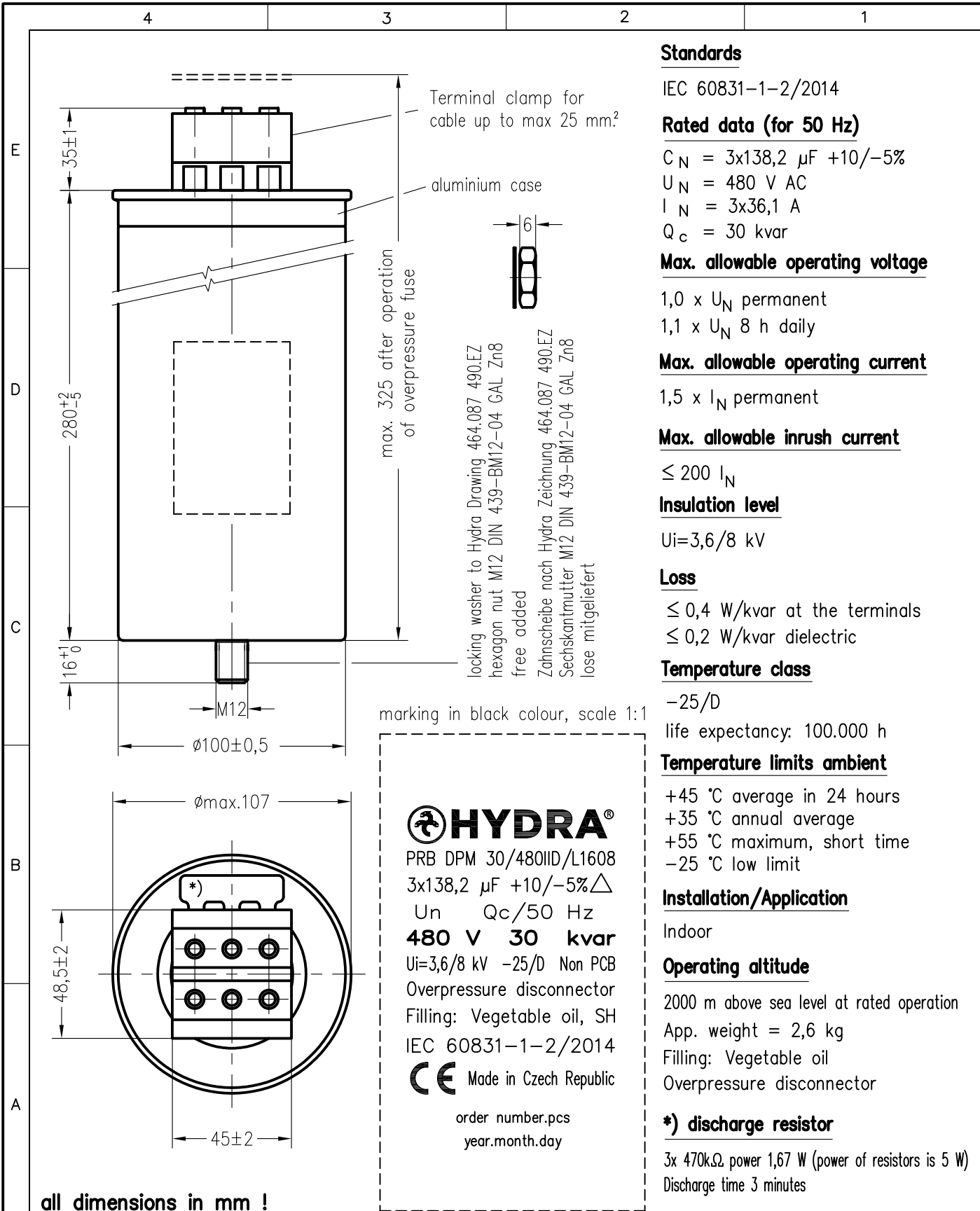


Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.



Standards

IEC 60831-1-2/2014

Rated data (for 50 Hz)

$C_N = 3 \times 138,2 \mu F +10/-5\%$
 $U_N = 480 V AC$
 $I_N = 3 \times 36,1 A$
 $Q_c = 30 kvar$

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

-25/D
 life expectancy: 100.000 h

Temperature limits ambient

+45 °C average in 24 hours
 +35 °C annual average
 +55 °C maximum, short time
 -25 °C low limit

Installation/Application

Indoor

Operating altitude

2000 m above sea level at rated operation
 App. weight = 2,6 kg
 Filling: Vegetable oil
 Overpressure disconnector

***) discharge resistor**

3x 470k Ω power 1,67 W (power of resistors is 5 W)
 Discharge time 3 minutes

marking in black colour, scale 1:1

HYDRA®
 PRB DPM 30/480IID/L1608
 $3 \times 138,2 \mu F +10/-5\%$
 $U_N \quad Q_c / 50 Hz$
480 V 30 kvar
 $U_i = 3,6/8 kV -25/D$ Non PCB
 Overpressure disconnector
 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: % | | C:\SET\AutoCAD vykresy\SET_KK\TD\187979td.dwg | |
| | | | | | | | | Werkstoff: | | | |
| | | | | 2020 | Datum | Name | | <h1 style="margin: 0;">Technical data sheet</h1> <h2 style="margin: 0;">PRB DPM 30/480IID/L1608</h2> | | | |
| | | | | Bearb. | 9 .MÄR. | Chrtek | | | | | |
| | | | | Gepr. | | | | | | | |
| | | | | Norm. | | | | | | | |
| | | | | HYDRA® | | | | 464.187 979.TD | | Blatt 1 1 Bl. | |
| Zust. | Aenderung | Datum | Name | Norm. | Urspr.: | Ers. f.: | | Ers. d.: | | | |