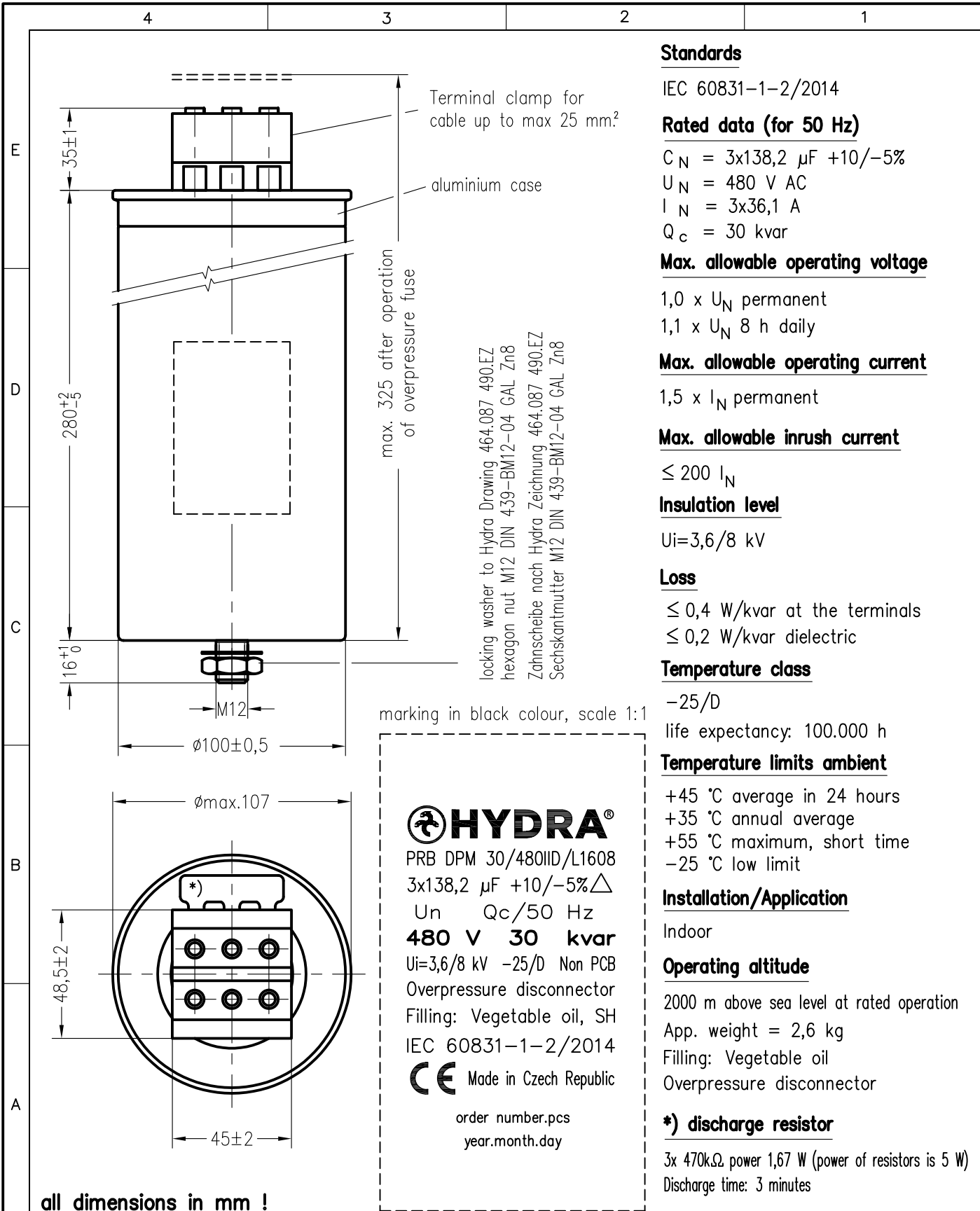


Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.



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

**all dimensions in mm !**

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

|   |           |       |      |                    |              |            |  |  |
|---|-----------|-------|------|--------------------|--------------|------------|--|--|
| 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>Technical data sheet</h1> <h2>PRB DPM 30/480IID/L1608</h2> |  |
|   |           |       |      | Bearb.             | 9 .MÄR.      | Chrtek     |  |  |
|   |           |       |      | Gepr.              |              |            |  |  |
|   |           |       |      | Norm.              |              |            |  |  |
|   |           |       |      | <b>HYDRA®</b>      |              |            | <h1>464.187 979.TD</h1>  |  |
| 01  | 0184/20   | 8.10. | Dan  |                    |              |            | Blatt  |  |
| Zust.   | Aenderung | Datum | Name | Norm.              | Urspr.:      | Ers. f.:   | Ers. d.:   |  |
|   |           |       |      |                    |              |            | 1  |  |
|   |           |       |      |                    |              |            | 1 Bl.  |  |