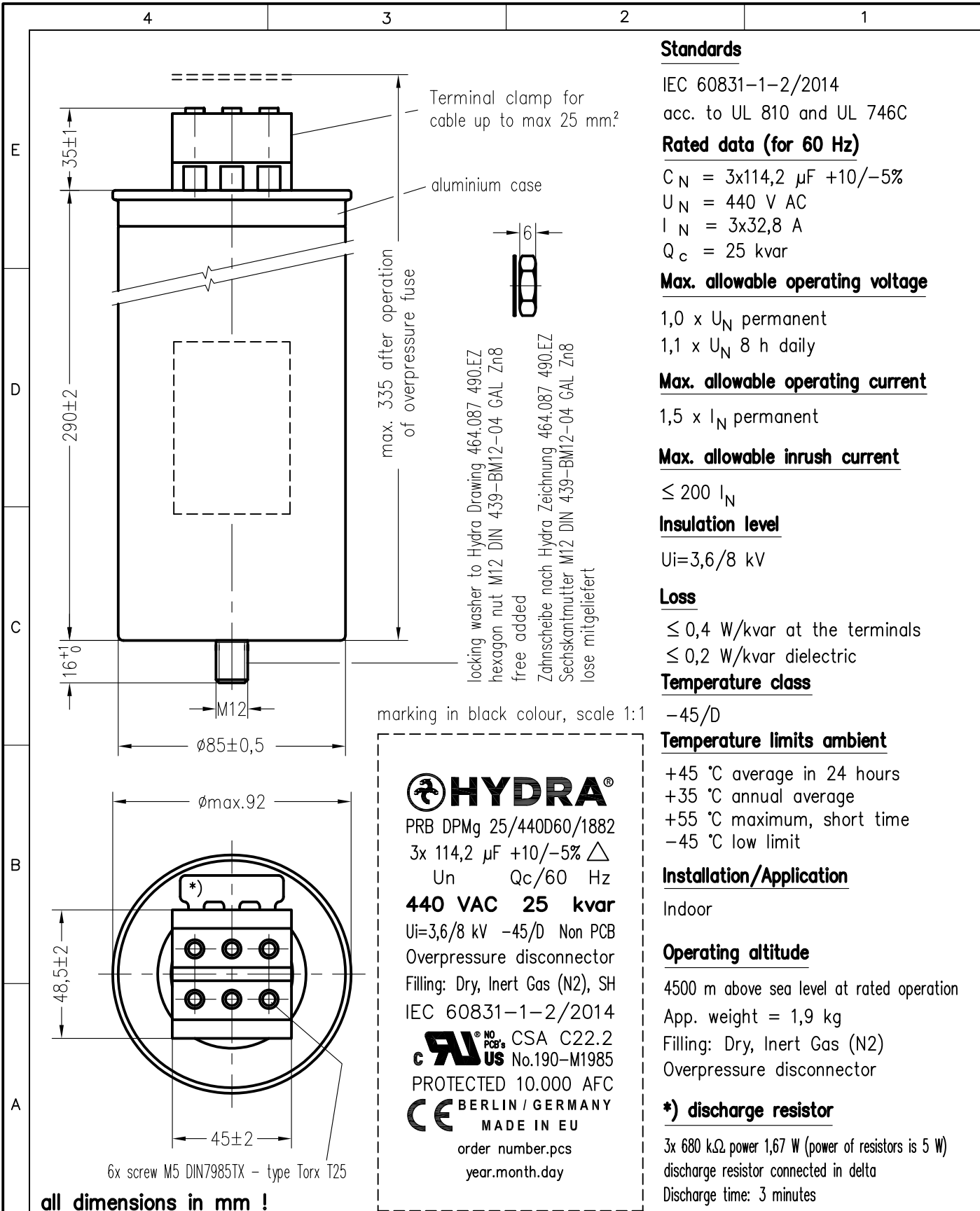


Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadensersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.



Standards

IEC 60831-1-2/2014
acc. to UL 810 and UL 746C

Rated data (for 60 Hz)

$C_N = 3 \times 114,2 \mu F +10/-5\%$
 $U_N = 440 V AC$
 $I_N = 3 \times 32,8 A$
 $Q_c = 25 kvar$

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

Temperature limits ambient

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

Installation/Application

Indoor

Operating altitude

4500 m above sea level at rated operation
App. weight = 1,9 kg
Filling: Dry, Inert Gas (N2)
Overpressure disconnector

***) discharge resistor**

3x 680 kΩ, power 1,67 W (power of resistors is 5 W)
discharge resistor connected in delta
Discharge time: 3 minutes

marking in black colour, scale 1:1

HYDRA®
PRB DPMg 25/440D60/1882
3x 114,2 μF +10/-5% Δ
 U_N $Q_c/60 Hz$
440 VAC 25 kvar
 $U_i = 3,6/8 kV$ -45/D Non PCB
Overpressure disconnector
Filling: Dry, Inert Gas (N2), SH
IEC 60831-1-2/2014
UL ^{NO PCB's} **CSA C22.2**
US No.190-M1985
PROTECTED 10.000 AFC
CE BERLIN / GERMANY
MADE IN EU
order number.pcs
year.month.day

6x screw M5 DIN7985TX - type Torx T25

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 wykresy\SET_KK\TD\188190td.dwg | |
| | | | | | | Werkstoff: | | |
| | | | | 2020 | Datum | Name | Technical data sheet PRB DPMg 25/440D60/1882 | |
| | | | | Bearb. | 9 .APR. | Spigl | | |
| | | | | Gepr. | | | | |
| | | | | Norm. | | | | |
| 02 | 0072/23 | 8.06. | Dan | HYDRA® | | 464.188 190.TD | | Blatt |
| 01 | 0094/20 | 8.06. | Chr | | | | | 1 |
| Zust. | Aenderung | Datum | Name | Norm. | Urspr.: | Ers. f.: | Ers. d.: | |