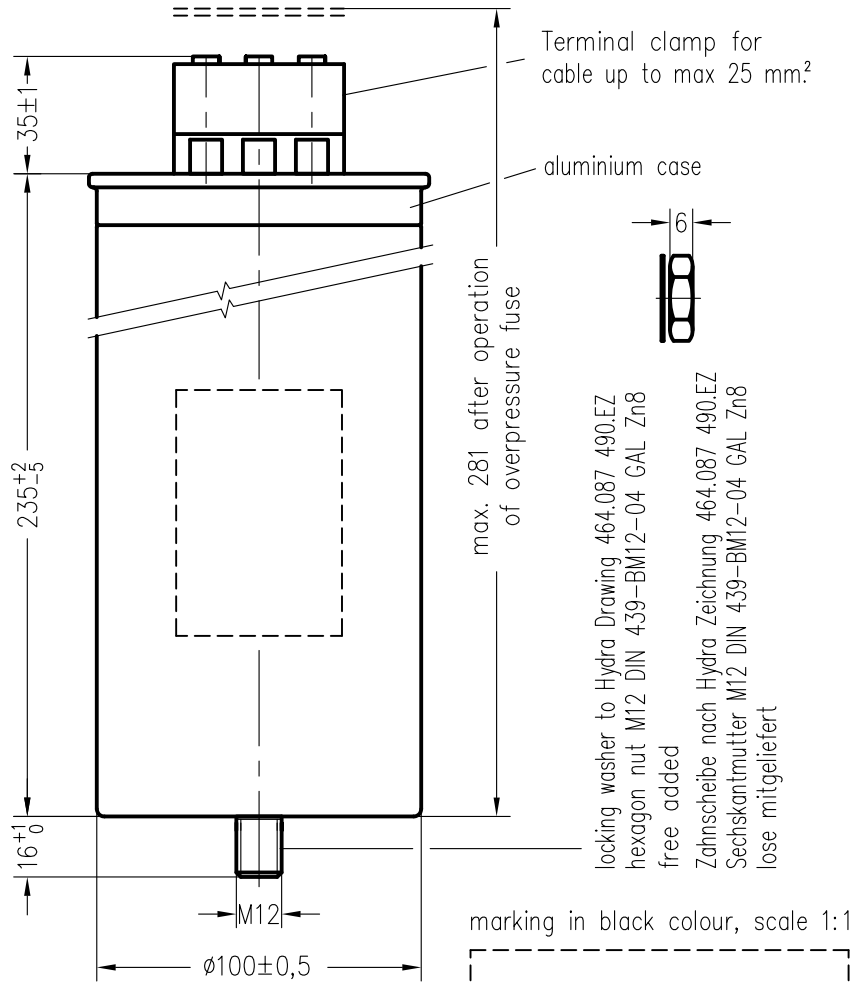

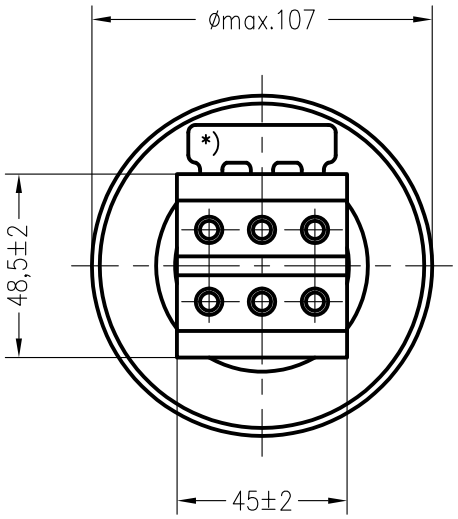

marking in black colour, scale 1:1

HYDRA®
PRB DPM 28/440IID/L1608
3x154 µF +10/-5%△
Un Qc/50 Hz
440 V 28 kvar
Ui=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 !

Standards

IEC 60831-1-2/2014

Rated data (for 50 Hz)

C_N = 3x154 µF +10/-5%
U_N = 440 V AC
I_N = 3x36,9 A
Q_c = 28 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

≤ 200 I_N

Insulation level

Ui=3,6/8 kV

Loss

≤ 0,4 W/kvar at the terminals
≤ 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 = 2,3 kg
Filling: Vegetable oil
Overpressure disconnector

*) discharge resistor

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

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

Storage conditions for Hydra capacitors see instruction 464.073 909.FA appendix 10.

Freimasstoleranzen	Oberflaechen

Masstab: %
Werkstoff:
C:\SET\AutoCAD vykresy\SET_KK\TD\188122td.dwg

	Datum	Name
2020		
Bearb.	9.MÄR.	Chrtek
Gepr.		
Norm.		

Technical data sheet PRB DPM 28/440IID/L1608

HYDRA®

464.188 122.TD

Blatt 1
1 Bl.

Zust.	Aenderung	Datum	Name	Norm.

Ursprung: Ers. f.: Ers. d.: