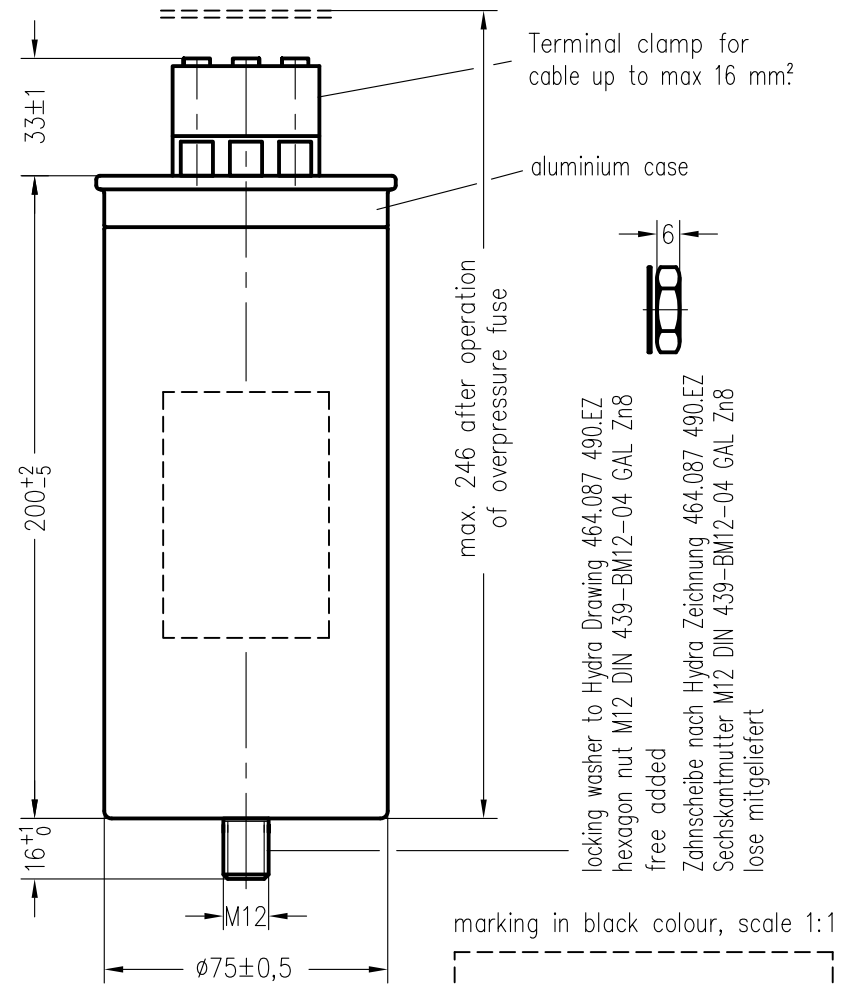
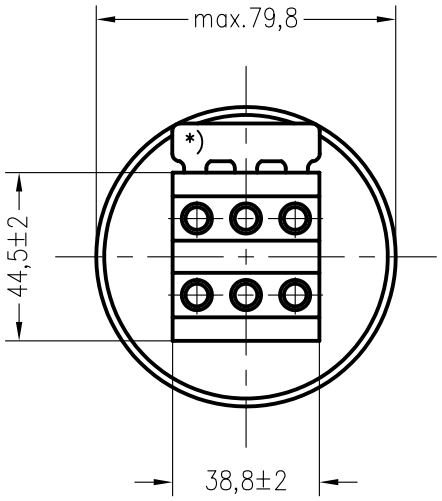
Weitergabe sowie Vervielfaeltigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdruecklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte fuer den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.





all dimensions in mm !

marking in black colour, scale 1:1

HYDRA®
PRB DPM 7,5/525ID/1608
3x 28,9 µF +10/-5% △
Un Qc/50 Hz
525 V 7,5 kvar
Ui=3,6/8 kV -25/D Non PCB
Overpressure disconnector
Filling: vegetable oil, SH
IEC 60831-1-2/2014
CE Designed in Germany
order number.pcs
year.month.day

Standards

IEC 60831-1-2/2014

Rated data (for 50 Hz)

C_N = 3x28,9 µF +10/-5%
U_N = 525 V AC
I_N = 3x8,2 A
Q_c = 7,5 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

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 = 1,3 kg
Filling: vegetable oil
Overpressure disconnector

*) discharge resistor

3x 1000 kΩ power 1,67 W (power of resistors is 5 W)

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\177905td.dwg
Werkstoff:

	Datum	Name
2015		
Bearb.	9 .SEP.	Chrtek
Gepr.		
Norm.		

Technical data sheet PRB DPM 7,5/525ID/1608

HYDRA®

464.177 905.TD

Blatt 1
1 Bl.

Zust.	Aenderung	Datum	Name	Norm.
01	0091/18	10.08.	Dan	

Ursprr.:
Ers. f.:
Ers. d.: