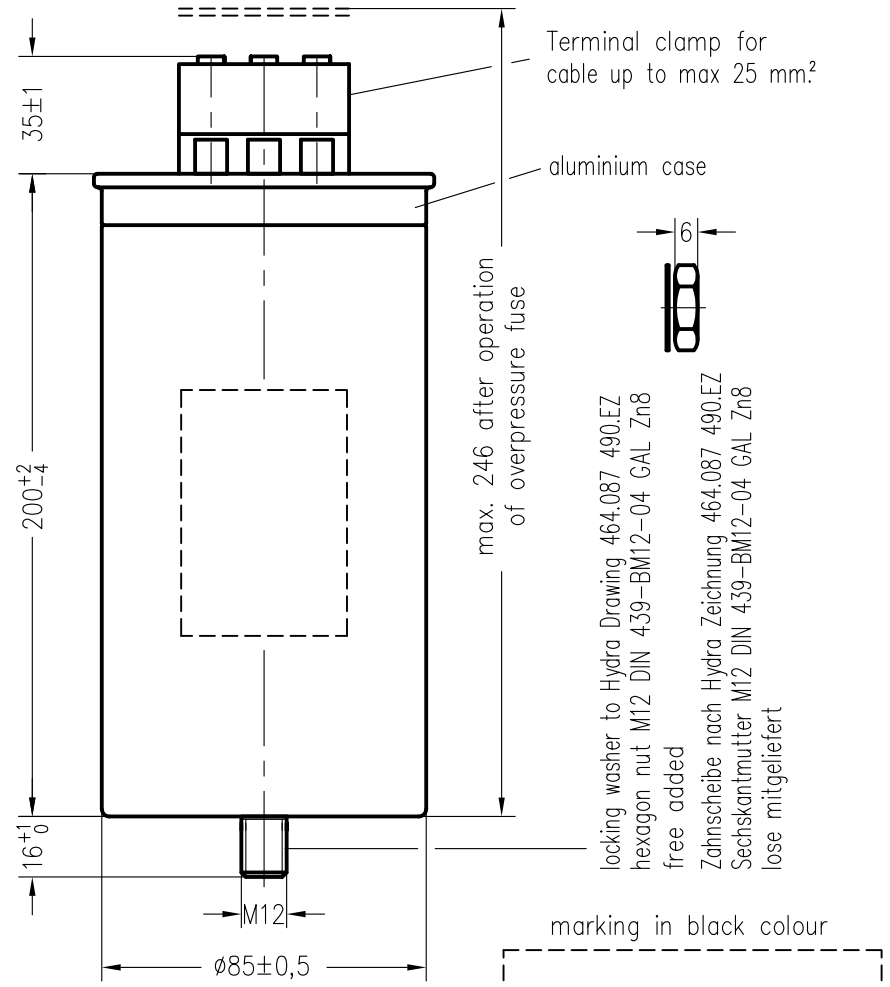
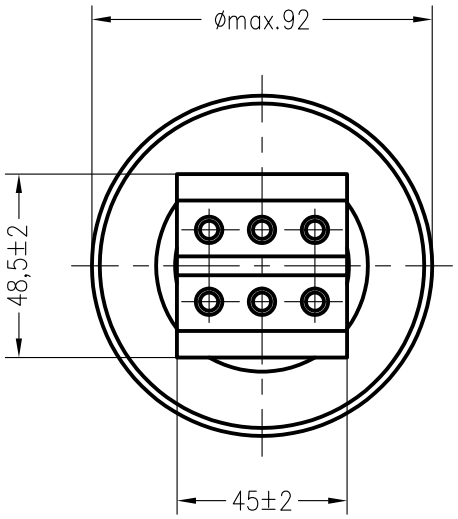




marking in black colour

HYDRA®
ERB DPM 3x30/850D/1918
Cn = 3x30 µF ±5% △
U_N = 850 V AC
U_{rms} = 600 V
I_{max} = 3x43 A Non PCB
temperature −25/+60°C
Overpressure disconnector
Filling: vegetable oil, SH
IEC 61071 (2017-08) Ed. 2.0
CE Made in Czech Republic
order number.pcs
year.month.day

3-phase AC capacitor for high filter frequencies

Standards

acc. to IEC 61071 (2017-08) Ed. 2.0
acc. to IEC 60664-1 Ed. 2: 2007

Rated data (for 50 Hz)

C_N = 3x30 µF ±5%
U_N = 850 V AC
U_{rms} = 600 V
I_{max} = 3x43 A
$I_{peak/periodic}$ = 0,35 kA
I_{surge} = 1 kA

Rated data (for 1 kHz)

Series resistance ≤ 1,9 mOhm
Self inductance ≤ 200 nH
Thermal resistance: 3,4 K/W
dissipation factor tan δ_0: 0,0002

Test voltage:

T/T = 1275 V AC (10s)
T/C = 3600 V AC (10s)

Temperature class – Life expectancy

−25 .. +60 °C
Storage temp. −40/+85 °C
service life: 100.000h (70°C hotspot)

Installation/Application

Indoor

Operating altitude

2000 m above sea level at rated operation
App. weight = 1,2 kg
Filling: vegetable oil
Overpressure disconnector

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

Freimasstoleranzen	Oberflaechen

Masstab: %
Werkstoff:
C:\SET\AutoCAD vykresy\SET_KK\TD\178294td.dwg

	Datum	Name
2015		
Bearb.	11.DEZ.	Chrtek
Gepr.		
Norm.		

Zust.	Aenderung	Datum	Name	Norm.
02	0045/19	25.03.	Dan	
01	0074/18	22.06.	Chr	

Urspr.:

HYDRA®

Technical data sheet ERB DPM 3x30/850D/1918

464.178 294.TD

Blatt 1
1 Bl.

Ers. f.:
Ers. d.: