

DUCATI energia	CAPACITOR for SINGLE – PHASE POWER FACTOR CORRECTION	Qn = 7.58kVAR 480Uac
S.p.A		Part. Number : 416533353

CHARACTERISTICS

Power	7.58	kVar
Rated Capacitance	104.7	µF
Capacitance Tolerance	-5+10%	
Rated Voltage Un	480	V
Maximum Voltage Umax	525	V
Rated frequency	50	Hz
Rated Current (In)	15.8	A
Dielectric	PPM Film	Self healing
Dielectric losses	<=0.2	W/kVar
Overpressure safety device		
Aluminium case		
Castor oil impregnation		

MAXIMUM RATINGS

Overvoltage	1,1 Un	8 hours/day
	1,15 Un	30min/day
	1,2 Un	5min/200times
	1,3 Un	1min/200times
Overcurrent:	4 In	
Inrush current:	200 In	
Voltage raise of rise (dV/dt)	100	V/µs

TEST DATA

AC Test voltage terminal to terminal	2.15Un	Vac (2 sec)
AC test voltage terminal to case	3000	Vac (10 sec)

CLIMATIC CATEGORY

Temperature class	-25/D	(max 55°C)
Storage temperature	-40 +75	°C
Altitude maximum	2000m	a.s.l.

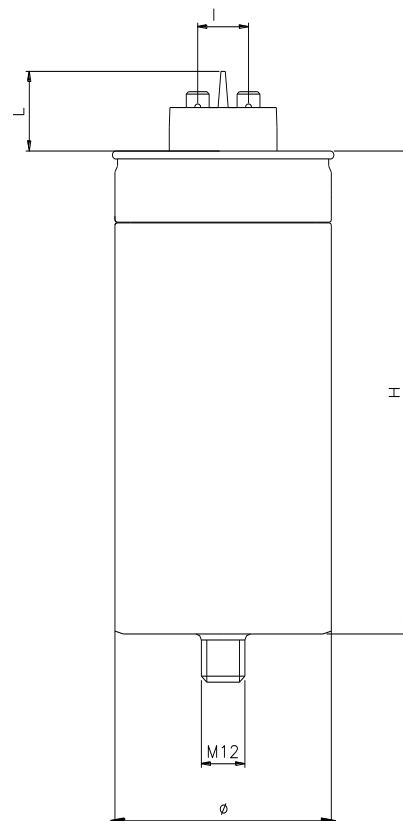
Failure quota	300/10E9
Expected life (Ln)	130000h

Standards: EN60831-1
EN60831-2

Degree of protection: IP20 indoor mounting

Humidity category	in accord. with DIN 40040	F
Insulating	UL 840	
Vibration resistance	in accord. with EIA STAND. RS-186-7E	

Total elongation is about 30 mm after the overpressure disconnecter release.
Don't use rigid connections.



Fixing Stud : M12
Case materials: Aluminium

Ø (mm)	H (mm)	L (mm)
60 ± 1	165 ± 2	20 ± 1

Terminals:
double faston 6.3mm x 0,8mm