

DUCATI energia	CAPACITOR for	Cn = 20 μ F Un = 330 Vac
S.p.A	POWER ELECTRONICS	Part. Number : 416422684

CHARACTERISTICS

Rated Capacitance	20	μ F
Capacitance Tolerance	$\pm 5\%$	
Rated AC Voltage (Urms)	330	Vac
Rated DC Voltage (Un)	600	Vdc
Maximum Current (Imax)	9	A
Series resistance (Rs)	< 8	mOhm
Dissipation factor (tan d x 10E-4)	< 6.5	(50 Hz)

Dry metallized polypropylene capacitors.
The case is made of aluminium.
The capacitive element is enclosed in an insulated can completely sealed.
The cap is made of a thermoplastic elastomer material.

MAXIMUM RATINGS

Peak voltage (Upk)	700	V
Voltage rate of rise (dV/dt)	15	V/ μ s
Surge voltage (Us)	1120	V

TEST DATA

DC Test voltage terminal to terminal	1,5xUn x 10s	Vdc
AC test voltage terminal to case	3kVx 10 s	Vac 50Hz

CLIMATIC CATEGORY

Min.limit temperature (To min)	-25	$^{\circ}$ C
Max limit temperature (To max)	+70	$^{\circ}$ C
Storage temperature	-40 +85	$^{\circ}$ C

Failure quota	300/10E9	
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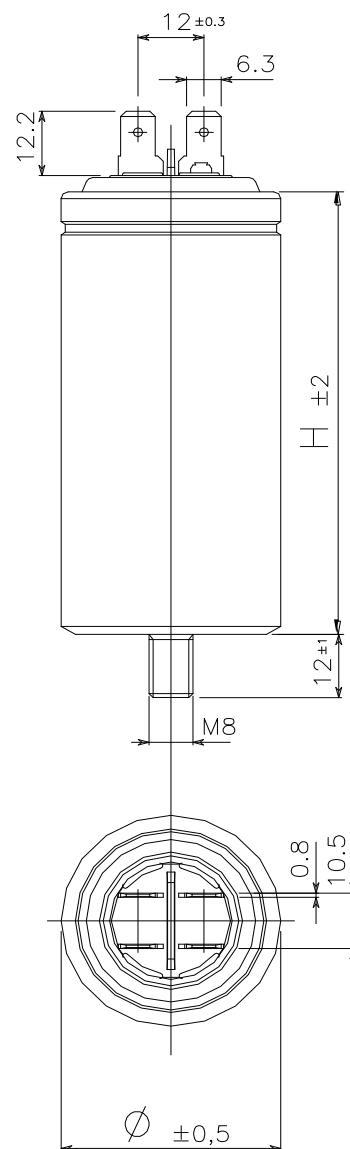
Expected life (Ln)	80.000h	F
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Humidity category	in accord. with DIN 40040	
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Insulating	in accord. with UL 840	
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Vibration resistance	in accord. with EIA STAND. RS-186-7E	
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Total elongation is about 15 mm after the overpressure disconnecter release.
Don't use rigid connections.



6,3 x 0,8 mm Double Tag solution

Fixing Stud : M8

ϕ (mm)	H (mm)
45 \pm 0,5	98 \pm 2