

## **ModuloXD** "the eXtra Duty capacitor"



Since more than 80 years, **DUCATI energia** is a leading company in production of capacitors for several fields of application, among the others the power factor correction. Following this tradition, continuous investments in research and development of new products have represented the hinge of our company policy.

The result of this philosophy is the new range of PFC capacitors **ModuloXD**.

Thanks to the technological innovation of selfhealing metallized polypropylene and mechanical construction we achieved a very wide range of **power 1,5–30 kVAR** and **voltage 240–800 V** as standard. For special applications available **up to 1000V**.



These new capacitors **ModuloXD** reach an expected life of more than **130,000 hours** having an optimized mechanical design to grant higher flexibility to all panel builders.

"the eXtra Duty technology"		
- Dielectric technology	Self healing MKP film (dry)	<u>p D +3</u>
- Voltage range	240 – 1000 V	
- Power range	1,5 – 30 kVAR	
- Rated frequency	50/60 Hz	
- Dielectric losses	< 0.2 W/kVAR	
- Max overload In	4 x In	Dimensioni con sistema antiscoppio
- Max inrush current	200 x In	attivato Dimention with overpressure
- Voltage max dV/dt	100 V/μs	device activated
- Discharge resistance	External (50V after 60")	48.3±0.8
- Expected life	> 130,000 h (Temp. class -25/C)	
	> 110,000 h (Temp. class -25/D)	
- Terminals	Screw type	
- Protection rating	IP20 (IP54 on request)	
- Standards	IEC 831-1/2	M12
- Approvals	UL	D ± 1