

- ▶ **MEASUREMENTS:**
 - $\cos\phi$ INDUCTIVE & CAPACITIVE
 - PHASE TO PHASE VOLTAGE & CURRENT
 - REACTIVE POWER NEEDED
 - $\cos\phi$ DESIRED
 - TOTAL HARMONIC DISTORSION
 - SENSITIVITY
 - AMBIENT TEMPERATURE
- ▶ **AUTORECOGNIZED CAPACITOR BANK**
- ▶ **ANTI-HUNTING FUNCTION**
- ▶ **FIXED STEP PROGRAMMABLE**
- ▶ **RELAY PROGRAMMABLE FOR ALARM OR FAN**
- ▶ **RJ11 - TTL STANDARD - SERIAL INTERFACE**
- ▶ **SELF-EXTINGUISHED MATERIAL UL94 V0**
- ▶ **AVAILABLE ON REQUEST:**
 - DIN RAIL VERSION
 - SUPPLY 110V~
 - CT 1A



EU Directives - CE Marking:

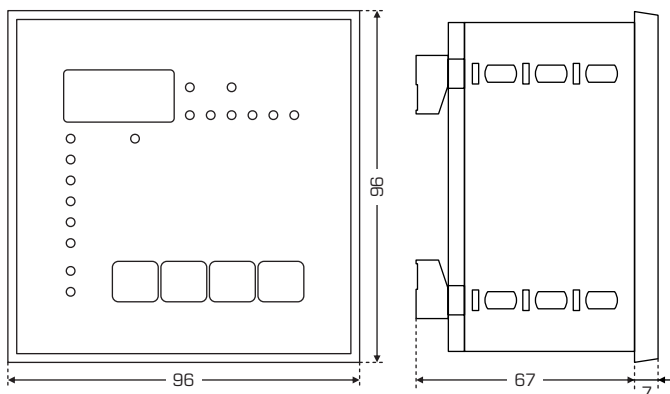
- > 2014/30/UE - EMC
- > 2014/35/UE - LVD

TECHNICAL DATA

	UNIT	DPFC04A	DPFC06A
Supply voltage AC	V~	230 - 400 [range 220 - 440]	
Operating Limits (Ue)	%	-15 / +10	
Nominal Frequency	Hz	50 - 60 [range 47 - 63]	
Power Consumption (max. AC)	VA	5.8	
Immunity Time For Microbreakings	ms	< 6	
Display Type	-	1 Display - 3 Digit - 7 Segment	
Rated Current (CT)	A	5	
Voltage Reading Limits (L/Lx)	V~	180 - 485	
Current Reading Limits (CT)	A	0.125 - 5.5	
Measuring Values	-	True RMS	
Power Factor Correction	-	0.85 Inductive - 0.95 Capacitive	
FFT - Harmonic Spectrum	THD %	64 st	
Number of Output	Relay	4	6
Serial Interface	-	TTL - standard	
Communication Protocol	-	Owner - Modbus RTU	
Connector Type	-	RJ11	
Working temperature	°C	-10 / +50	
Storage temperature	°C	-30 / +70	
Electrical Insulation	kV	4	
Overvoltage Category	-	II	
Protection degree	IP	41 Front Cover - 20 Terminal Block Connections	
Pollution degree	-	2	
Relative Humidity w/o cond.	RH%	90	
Altitude up to	m	2000	
Weight	g	350	370
Dimensions	mm	96 x 96 x 74	

OPTIONAL

DIMENSIONS (mm)



WIRING DIAGRAM

