Cylindrical three-phase capacitors for power factor correction



PERFORMANCE DATA

- **Tolerance on capacitance** -5% / +10%.
- **Rated frequency** 50 Hz
- **Power supply** Three-phase
- **Voltage overload** 1.1 Un (max. 8 hrs. per 24)
- **Expected life** 130,000 hours

HARMONIC CONTENT

THD(I)max. = 10 in the grid

TECHNICAL DATA

Dielectric	Self-healing metallised polypropylene (MKP),
Case	Aluminium.
Execution	Resin (dry type).
Fixing	M12 threaded tang for ground fixing. Nut and washer included
Degree of protection	IP 40 (with cover for version Ø 85 mm) . IP 20 (in the clamp version for Ø ≥ 100 mm) .
Test voltage	2.15 Un / 10 seconds between terminal and terminal. 3000 Vac / 10 seconds between termination and housing.
Dielectric leakage	≤ 0.2 W / kvar.
Total capacitor losses	≤ 0.4 W / kvar.
Discharge resistance	Included (75V residual within 3 minutes).
Max. voltage variation / time	< 25V / µs
Thermal category	-25°C / C. (on request: -25°C / D)
Type of service	Continuous for indoor use.



M8 threaded screw



terminal

STANDARD CONFIGURATIONS

Code	capacitance	Qn	A	In	Terminals	Dimensions (D x H)	Weight
	µF	kvar	V	A		mm	g
8302579	3 x 62	10	415	14	M8	85 x 200	700
8302588	3 x 77	12,5	415	17,4	M8	85 x 200	875
8302599	3 x 92	15	415	20,9	M8	85 x 285	1050
8302600	3 x 123	20	415	27,8	M8	85 x 285	1400
8302622	3 x 154	25	415	34,8	Clamp	100 x 285	1750
8304811	3 x 55	10	440	13,1	M8	85 x 200	700
8304813	3 x 66	12,5	440	16,4	M8	85 x 200	875
8304615	3 x 83	15	440	19,7	M8	85 x 295	1050

QUALITY AND TESTING

Regulations IEC EN 60831-1 : 2015. IEC EN 60831-2 : 2015.
European Directives Low voltage: 2014/35/EC