

Product data sheet

HDCAP304500143

Characteristics

Capacitor, HDCAP3, 450 V, 14 kvar, 3 phase, cylindrical



Main

Range of product	HDCAP3
Product or component type	Capacitor
Reactive power rating	14 kvar for 450 V AC 50 Hz 16.8 kvar for 450 V AC 60 Hz
Capacitance tolerance	0...10 %
Dielectric material	Metallized PP film
Impregnation material	Paraffin wax

Complementary

Network rated voltage	450 V
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours)
[Imp] maximum permanent current	1.43 x In
Rated short-duration power frequency withstand voltage	2.15 x Un for 10 s at inter-electrode 3 kV for 10 s between shell and phase
[Ures] residual voltage	50 V after 3 min in case of power failure conforming to IEC 60831
Shape	Cylindrical
Type of installation	Indoor installation
Thread type	16 mm M12
External diameter	86 mm
Height	245 mm

Environment

Operating altitude	2000 m
Ambient air temperature for operation	-25...50 °C
Relative humidity	0...50 % at 40 °C 0...90 % at 20 °C
Standards	IEC 60831