Product datasheet
Characteristics

BLRCH400A480B52
VarPlus Can HDuty Capacitor - 40/48 kvar - 525 V - 50/60Hz

Main

Range of product	VarPlus Can
Product or component type	Capacitor
Network frequency	50/60 Hz
Series name	HDuty
Network harmonic content	<= 20 %
Reactive power rating	525 V - 50 Hz : 40 kvar 525 V - 60 Hz : 48 kvar
Maximum permissible voltage	1.1 x Un 8 hours over 24 hours
[Imp] maximum permanent current	1.8 x In
Rated voltage	525 V AC 50/60 Hz

Complementary

Dielectric losses	< 0.2 W/kvar
Power losses	< 0.5 W/kVAr
Capacitance tolerance	- 5 % to 10 %
Voltage test	2.15 x Un AC (between terminals for 10 s) <= 660 V - 3 kV AC (between terminal and container for 10 s) >= 660 V - 6 kV AC (between terminal and container for 10 s)
Inrush current	250 x In
Switching operation per year	<= 7000
Service life in hours	<= 130000 h
Dielectric material	Metallized polypropylene film with Zn/Al alloy, special resistivity & profile, special edge (wave cut)
Impregnation material	Non-PCB dry PUR resin Biodegradable
Type of installation	Indoor installation
Connections - terminals	Studs
Mounting mode	Upright/horizontal
Diameter	116 mm
Height	321 mm
Product weight	4.1 kg

Environment

standards	IEC 60831-1 IEC 60831-2
IP degree of protection	IP00
operating altitude	2000 m
temperature class	D
ambient air temperature for operation	-25...55 °C
relative humidity	95 %

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1236 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations