Product data sheet
Characteristics

VLVB694
automatic PowerLogic PFC Capacitor base F2P, 75kVar DR2,7 400V/60Hz FU Top/Bottom

Main

Network rated voltage	400 V AC 60 Hz 415 V AC 60 Hz
Reactive power rating	75 Kvar
Operating mode	Automatic
Range of product	PowerLogic
Device short name	automatic capacitor bank with detuned reactor

Complementary

Network pollution level	Polluted
[Gh/Sn] harmonic pollution rate	25…50 %
[THDU] total harmonic distorsion	4…7 %
Tuning factor	2.7
Tuning frequency	162 Hz
Step sequences	1.2
Power per step	25 Kvar
Step composition	25 + 50
Series name	PowerLogic PFC Capacitor + Detuned Reactor
Step protection type	Overload: harmonic control from PowerLogic PFC Controller Short-circuit: fuse
Poles description	3P
Capacitance tolerance	- 5 % to 10 %
[Ui] rated insulation voltage	800 V
[Uimp] rated impulse withstand voltage	8 KV
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours) conforming to IEC 60831
[Imp] maximum permanent current	1.12 x In for 2.7 (tuning factor) conforming to IEC 60831
Colour	Grey (RAL 7035)
Location of connection	Top or bottom
Net weight	350 Kg
Height	1400 Mm
Width	800 Mm battery:
Depth	600 Mm

Environment

Standards	IEC 61921 IEC 61439-1 IEC 61439-2
Mounting location	Indoor
IK degree of protection	IK10
Relative humidity	0…95 %
Operating altitude	< 2000 m
Ambient air temperature for operation	-5…45 °C
Average ambient air temperature for operation	35 °C (annual) 45 °C (over 24 hours)

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.0 Cm
Package 1 Width	2.0 Cm
Package 1 Length	3.0 Cm
Package 1 Weight	2.0 Kg

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope

Product Life Status : Commercialised