

Brick L
Nitrogen-N₂
440 V -189Hz



Brick L detune reactors

Power factor correction system module built with a galvanized iron white structure, provided with contactors for capacitive load insertion, three phase capacitor and protection fuse.

Provided with bushing assembling that permit plug and play connector of modules inside Tetris L system.

BL500K4411

BL500K4412

BL625K4412

BL750K4411

BL750K4412

MODULE DATA						
Nominal power	kVAr	50	50	62,5	75	75
Effective power	kVAr	45	45	56	67	67
Batteries	kVAr	50	25-25	12,5-50	75	25-50
Effective current 400 V	A	64	64	80	96	96
Three phase power supply voltage	V	400				
Nominal frequency	Hz	50				
Auxiliary circuits voltage	V	400				
Dimension HxWxP	mm	166x647x540				
Battery insertion	-	Contacttor suitable for capacitive load insertions (Ac-6b)				
Brick protection	-	Fuses NH gG				
Maximum allowed THDI	THDI r/c%	>20				
Type connection to the system	-	Bushing assembling with plug and play connector				
REACTORS DATA						
Tuning frequency	Hz	189				
Level of inductance	%	7				
Thermal class	-	F				
Overtemperature protection	-	Thermistor NC				
CAPACITOR DATA						
Capacitor	-	Three phase				
Capacitors' rated voltage	V	440				
Dielectric losses	W/kVAr	≤ 0,2				
Temperature Class	-	- 40D				
Maximum In rush current	A	400xIn				
Maximum over-current	A	1,5 ÷2xIn				
Statistical life expectancy	h	150.000 (-40/D)				
Altitude max	m	≤1000 on sea level				
Dielectric system	-	MKP Reinforced metallic polypropylene film				
Impregnation	-	Inert gas nitrogen -N ₂				
Discharge resistor	-	50V - 60 s				
Capacitor protection	-	Overpressure device with valve for gas output				
Standard accomplished	-	IEC 831 - 1/2, CEI EN 60831-1/2, IEC 61921, CEI EN 61921, IEC 61439-2, CEI EN 61439-2				

