

# Brick S

Oil – resin  
450 V – 189 Hz



### Brick S 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 detune reactors of harmonics. Plug and play connector are suitable for inserting modules quickly and safety in Tetris S system.

**BS050R4511**

**BS075R4512**

**BS100R4511**

**BS100R4512**

**BS125R4511**

**BS150R4512**

**BS200R4512**

**BS250R4511**

**BS250R4512**

MODULE DATA										
Nominal power	kVAr	5	7,5	10	10	12,5	15	20	25	25
Effective power	kVAr	4,3	6,4	8,6	8,6	10,7	12,8	17	21,3	21,3
Batteries	kVAr	5	2,5-5	10	5-5	12,5	5-10	10-10	25	12,5-12,5
Effective current 400 V	A	6,1	9,2	12,3	12,3	15,3	18,4	24,5	30,7	30,7
Three phase power supply voltage	V	400								
Nominal frequency	Hz	50								
Auxiliary circuits voltage	V	400								
Dimension HxWxD	mm	141x460x400								
Battery insertion	-	Contatctor suitable for capacitive load insertions (Ac-6b)								
Maximum allowed THDI	THDI r/c%	>25								
Type connection to the system	-	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	450								
Dielectric losses	W/kVAr	≤ 0,2								
Temperature Class	-	-25/D								
Maximum In rush current	A	200xIn								
Maximum over-current	A	4 x In								
Statistical life expectancy	h	130.000 (-25/C) 110.000 (-25/D)								
Altitude max	m	≤1000 on sea level								
Dielectric system	-	MKP Reinforced metallic polypropylene film								
Impregnation	-	Dry resin – vegetable oil								
Discharge resistor	-	50V - 60 s								
Capacitor protection	-	Overpressure device								
Standard accomplished	-	IEC 831 - 1/2, CEI EN 60831-1/2, IEC 61921, CEI EN 61921, IEC 61439-2, CEI EN 61439-2								