

MOD3R

Modular capacitor bank to be placed on standard carpentry 600x600 mm minimum dimensions (WxD). Built on galvanized steel, they come complete with: contactor for insertion with discharge resistors for limiting inrush current, battery protection fuses for three-phase capacitors, detune reactors made of grain-oriented magnetic sheet steel, 189 Hz. Auxiliary control batteries connector.

TECHNICAL DATA OF THE MODULE

		effective kVAr 400V	kVAr 450V	Batteries 450V
Rated power module		43	50	50
		43	50	12,5-12,5-25
		65	75	75
		65	75	25-50
		86	100	25-25-50
		86	100	50-50
Rated voltage	V	400		
Rated frequency	Hz	50		
Auxiliary circuits	V	400		
Environmental temperature min-max	°C	-15°C ÷ +35°C		
Dimensions H x L x P	mm	309 x 480 x 531		
Fuses for battery protection	–	NH00 type category gG		

DETUNED REACTORS

Tuning frequency	Hz	189
Inductance %	%	7
Temperature class	–	F
Overtemperature protection	–	Termistor NC

CAPACITORS DATA

		MOD 3R
Capacitors	–	ST Three phase
Capacitor' rated voltage	V	450
Dielectric losses	W/kVAr	≤0,2
Temperature class	–	-25D
Maximum in rush current	A	200xIn
Maximum over-current	A	4 x In
Statistical life expectancy	h	130.000 (-25/D)
Altitude max	m	≤ 1000 on sea level
Dielectric system	–	MKP reinforced metallic polypropilene film
Impregnation	–	dry resin
Discharge resistor	–	50V - 60 s
Safety features	–	Overpressure devices
Standards	–	CEI EN 61921, CEI EN 61439-2, CEI EN 60831-1