



SVGm-3WF-100R-480

SVGm-3WF-100R-480, Static Var Generator with multilevel technology

Code: R4P3R2.

- > EMI filter: 1
- > System: 3 wires, 230...480 V
- > kvar (230 V): 57,5
- > kvar (400 V): 100
- > kvar (440 V): 100
- > kvar (480 V): 100
- > Phase current: 145
- > Use voltage (V): 480

Specifications

AC power supply	
Consumption	2070 W (Consumo máximo)
Frequency	50 / 60 Hz ± 5 %
Nominal voltage	208 ... 480 V~ F-F (± 10 %)
Mechanical characteristics	
Size (mm) width x height x depth	482.5 x 263 x 714.5 (mm)
Noise	< 60 dBA
Weight (kg)	55
Environmental characteristics	
Protection class	IP20
Storage temperature	-20 ... +50 °C
Working temperature	-10 ... +45 °C
Electrical characteristics	
Maximum phase current	145 A (RMS)
Earthing system	TN, TT
Current measurement circuit	
Consumption	1,5 VA por transformador
Transformation ratio	Transformer: 5/5A ... 5000/5A
Standards	
Electrical safety, Maximum height (m)	3000 (2000 m sin limitar prestaciones)
Standards	IEC 61000-6-4, UNE-EN 55011, IEC 61000-6-2, IEC 62477-1, IEC 61439-1, IEC 60721-3-3 (Indoor conditioned)
Features / performance	
Reactive power compensation (Kvar)	Selectable: 0.7 inductive ... 1 ... 0.7 capacitive
Filtering / Response time	< 100 µs
Parallel assembly/installation	Up to 100 devices of different caliber. Connection of transformers only in Master



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unit.

SVGm

CODE	TYPE	System	kvar (230 V)	kvar (400 V)	kvar (440 V)	kvar (480 V)	kvar (500 V)	kvar (690 V)	Phase current
3 wires 480 V, Wall-mounted cabinet									
R4P3M0.	SVGm-3WF-30M-480	3 wires, 230...480 V	17,4	30	30	30	-	-	44
R4P3M6.	SVGm-3WF-075M-480	3 wires, 230...480 V	43,1	75	75	75	-	-	110
R4P3M2.	SVGm-3WF-100M-480	3 wires, 230...480 V	57,5	100	100	100	-	-	145
4 wires 400 V, Wall-mounted cabinet									
R4P4MA.	SVGm-4WF-020M-400	4 wires, 230...400 V	12	20,7	-	-	-	-	30
R4P4ML.	SVGm-4WF-050M-400	4 wires, 230...400 V	30	51,7	-	-	-	-	110
R4P4MC.	SVGm-4WF-069M-400	4 wires, 230...400 V	40	69	-	-	-	-	100
3 wires 480 V, Floor-mounted cabinet									
R4P3F2.	SVGm-3WF-100C-480	3 wires, 230...480 V	57,5	100	100	100	-	-	145
R4P3F3.	SVGm-3WF-200C-480	3 wires, 230...480 V	115	200	200	200	-	-	290
R4P3F4.	SVGm-3WF-300C-480	3 wires, 230...480 V	172,5	300	300	300	-	-	435
R4P3F5.	SVGm-3WF-400C-480	3 wires, 230...480 V	230	400	400	400	-	-	580
3 wires 690 V, Floor-mounted cabinet									
R4P5F2.	SVGm-3WF-100C-690	3 wires, 500 ... 690 V	-	-	-	-	72	100	84
R4P5F3.	SVGm-3WF-200C-690	3 wires, 500 ... 690 V	-	-	-	-	144	200	168
R4P5F4.	SVGm-3WF-300C-690	3 wires, 500 ... 690 V	-	-	-	-	216	300	210
R4P5F5.	SVGm-3WF-400C-690	3 wires, 500 ... 690 V	-	-	-	-	288	400	280
4 wires 400 V, Floor-mounted cabinet									
R4P4FC.	SVGm-4WF-069C-400	4 wires, 230...400 V	40	69	-	-	-	-	100
R4P4FD.	SVGm-4WF-138C-400	4 wires, 230...400 V	80	138	-	-	-	-	200
R4P4FE.	SVGm-4WF-207C-400	4 wires, 230...400 V	119,1	207	-	-	-	-	300
R4P4FF.	SVGm-4WF-276C-400	4 wires, 230...400 V	-	276	-	-	-	-	400
4 wires 550 V, Floor-mounted cabinet									
R4P6FG.	SVGm-4WF-067C-550	4 wires, 440 ... 550 V	-	-	53	58	-	-	70
R4P6FH.	SVGm-4WF-134C-550	4 wires, 440 ... 550 V	-	-	106	116	-	-	140
R4P6FJ.	SVGm-4WF-201C-550	4 wires, 440 ... 550 V	-	-	159	174	-	-	210
R4P6FK.	SVGm-4WF-268C-550	4 wires, 440 ... 550 V	-	-	212	232	-	-	280
Rack module									
R4P3R2.	SVGm-3WF-100R-480	3 wires, 230...480 V	57,5	100	100	100	-	-	145
R4P4RC.	SVGm-4WF-069R-400	4 wires, 230...400 V	40	69	-	-	-	-	100



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Connections

