



3-phase plus neutral star point snubber with excellent attenuation to reduce dV/dt

APPROVALS:







FIN47SNB.050.1M

FEATURES

- · Reduces dV/dt
- Protection of motor winding insulation and bearings
- · Remote contact indicator
- Compact dimension due to the parallel installation

BENEFITS

- Very low power loss
- · Available with remote electronic control
- Easy installation
- Only one model for unlimited HP motors

MARKETS

- Large motors
- · Spindle motors
- · Long cable applications with variable frequency drives or servo drives

ORDERING CODE

FIN47SNB	.050	.1M	.A	MSD1		
Model	Impedance	Connection	Fan nominal voltage	Electronic control		
		$1M=1\ motor$	A = 24Vdc B = 24Vac	MSD1 at 24Vdc		
		2M = 2 motors	C = 110Vac D = 220Vac	MSD2 at 230Vac		

ATTENUATION INDICATOR High Very High **Excellent**

ELECTRIC DIAGRAM

TECHNICAL SPECIFICATIONS Nominal voltage 0 / 600 Vac Frequency 50 - 1000 Hz **Rated current** Unlimited Carrier frequency (PWM) 0 - 5 kHz Max peak voltage phase to phase 3000V Max peak voltage phase to ground 3500V Max power dissipation 250W Fan dissipation 20W IP protection IP20 Climatic class -40 / +85° C MTBF at 40°C 250.000 Hrs.



FIN47SNB

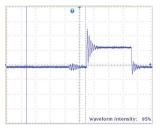
ELECTRICAL CHARACTERISTICS

FIN47SNB	Nominal Voltage AC (Vac)	Drive Carrier Frequency (KHz)	Power Loss at 100Hz (W)		
.050.1M	600	<5	250		

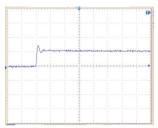
CONNECTIONS

	LINE		P	E		
Solid Cable (mm²)	Stranded Cable (mm²)	Terminal Torque (Nm)	d (mm)	Torque (Nm)		
10 - 50	10 - 50	4.0	M10	6		

TYPICAL MEASUREMENT



Typical measurement of dV/dt without snubber installed

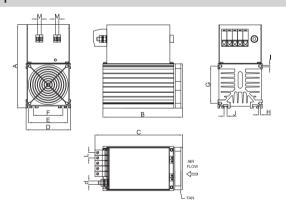


Typical measurement of dV/dt with snubber installed

MECHANICAL DIMENSIONS mm

FIN47SNB	A	В	C	D	E	F	G	Н	- 1	1	M	L	d	Weight Kg.	Case
.050.1M.X.Y	235	167	246.5	125	110	83	125	8.5	4	13.5	10	15	M10	5	1
.050.2M.X.Y	235	368	376.5	125	110	83	105	5.4	4	8.5	-	15	M10	10	2

CASE 1



CASE 2

