



Star point snubber with excellent attenuation to reduce dV/dt

Datasheet 3/2017



FINSTP.(068 - 100).M100

FEATURES

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

MARKETS

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

APPROVALS:



UL508
CSA C22.2



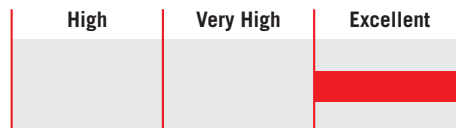
BENEFITS

- Very low power loss
- Over temperature protection
- Easy installation
- Only one model for unlimited HP motors

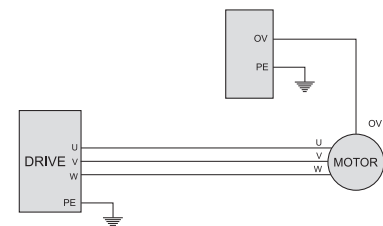
ORDERING CODE

FINSTP	.068	.M100	.A
Model	Impedance	-	Fan nominal voltage
			A = 24Vdc
			B = 24Vac
			C = 110Vac
			D = 220Vac

ATTENUATION INDICATOR



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.

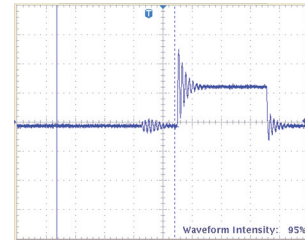
ELECTRICAL CHARACTERISTICS

FINSTP	Nominal Voltage AC (Vac)	Drive Carrier Frequency (KHz)	Power Loss at 100Hz (W)
.068.M100	600	<5	200
.100.M100	600	<5	200

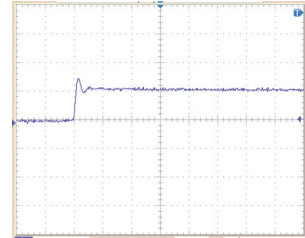
CONNECTIONS

Solid Cable (mm ²)	LINE		PE
	Stranded Cable (mm ²)	Terminal Block Torque (Nm)	Torque (Nm)
10-50	10-50	4.0	6
10-50	10-50	4.0	6

TYPICAL MEASUREMENT



Typical measurement of dV/dt without snubber installed



Typical measurement of dV/dt with snubber installed

MECHANICAL DIMENSIONS mm

FINSTP	A	B	C	D	E	F	G	H	I	J	M	L	Weight Kg.	Case
.068.M100	190	167	185.5	125	110	83	105	5.4	4	8.5	10	20	4	1
.100.M100	190	167	185.5	125	110	83	105	5.4	4	8.5	10	20	4	1

CASE 1

