

SurgeFree™



20 Year Warranty

Model 405

Equipment Level Protection

The Model 405 installed at or within a piece of equipment provides compact, heavy-duty surge suppression. Now with touch-safe terminal blocks, the units offer an elevated level of personnel protection. Employing a sophisticated combination of brute force surge protection and EMI/RFI filtering, it prevents damage or malfunction to sensitive equipment. The 405 comes with a no-nonsense, twenty-year warranty.



DIN Rail Available

Applications

- PLCs
- Fire Alarms
- Monitoring Systems
- Security Controls
- Point-Of-Use Equipment

Model 405

Rated Voltage (50/60Hz):	120VAC
Rated Current (rms.) @25°C:	5A
Service (Phase):	1
Surge Current in kA (8/20µs):	10
Clamp Voltage (1mA DC):	270V
UL1449 2nd. Ed. SVR 6kV/500A	400V
Suppression Voltage: Impulse (B3) 6kV/3kA:	430V
Surge Energy (Joules) 8/20µs:	1140
Filter Attenuation (50 ohm) :	-20db 45 kHz
	-40db 150 kHz
	-60db 450 kHz

Max. Continuous Operating VAC (MCOV):	130% Rated Line Voltage
Response Time:	<5 Nanoseconds
Modes of Protection:	L-N, L-G, N-G
Surge Current (L-N, 8/20µs):	1 Event: 10kA, 100 Events: 2kA, 1000 Events: 1kA, 10,000 Events: 500A
Status Indicators:	Green LED
Wire Gauge Range:	26-10 AWG (0.13-5.27mm ²)
Operating Altitude:	13,000 ft. (4000m)
Temp. (Operating/Storage):	-40° to +70°C/-40° to +85°C
Enclosure:	High Impact Plastic
Dimensions:	4.95" x 4.36" x 1.25" (126 x 111 x 32mm)
Mounting:	4.20" x 3.75" / .185 ID - 4 holes (107 x 96mm/4.7mm)
Din Rail:	Optional
Connection:	Screw Clamp Terminal Blocks
Screw Torque Max.	5.3in. lbs./0.6Nm
Weight:	<1 lb., (.45kg)
Certification:	UL1449 2nd. Ed. Recognized Component



MCG Surge Protection • Toll Free: 1-800-851-1508 • www.mcgsurge.com • E-Mail: info1@mcgsurge.com

12 Burt Drive, Deer Park, New York 11729, USA • Telephone: (631) 586-5125 • Fax: (631) 586-5120