

POWER MONITORING & PROTECTION

SURGE PROTECTORS

DTK SERIES

DESCRIPTION

The **DTK Series** products are general-purpose metal-oxide-varistor- (MOV) based power line, telephone line, and data line surge protectors. They are designed to protect electronic equipment from surges and spikes that may be present on power inputs, communications, or data lines.

FEATURES

- **Metal Oxide Varistor (MOV) technology**
- **Self-restoring after each surge within ratings**
- **Nanosecond response time**
- **UL listed**



SPECIFICATIONS

DTK-RJ11 Data/Phone Line Protection

Service voltage	130 VRMS
Let-through voltage	184-224V
Continuous current	150 mA
Response time	<5 ns
Surge current	9000 amps/pair
Energy dissipation	76 joules
Protection	RJ11/RJ14/RJ45 female to ground
Agency approval	UL 497A, File #163310
Connections	RJ11/RJ14/RJ45 female in/out + ground wire
Dimensions	1.7"H x 3.0"W x 1.2"D (6.9 x 7.8 x 2.9 cm)

Weight 4 oz (113g)

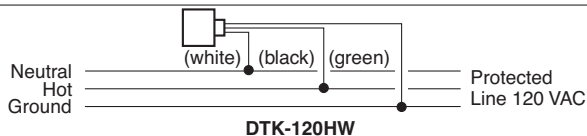
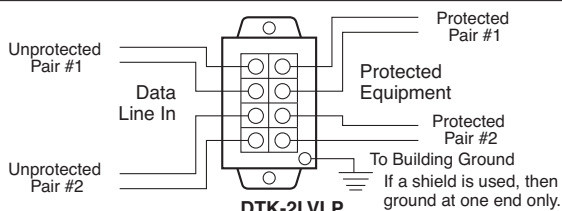
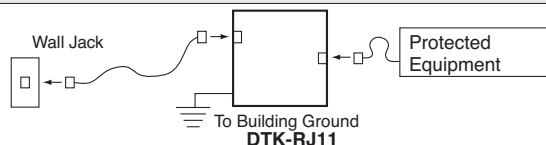
DTK-2LVLP Low-Voltage Data Line Protection

Let through voltage	X: 18 VRMS LV: 38 VRMS
Response time	<5 ns
Continuous current	Unlimited
Surge current	2000 amps/pair
Energy dissipation	X: 8 joules/pair LV: 17 joules/pair
Protection	L-G (all lines protected)
Agency approval	UL 497B, File #163310
Connections	Screw terminals 22-16 AWG wire
Dimensions	1.6"H x 3.0"W x 1.6"D (4.1 x 7.6 x 4.1 cm)
Weight	0.25 lb (113g)

DTK-120HW AC Hard-Wired Surge Protection

Service voltage	110/125 VAC
Clamping level	130 VRMS/185V peak
Frequency	50/60 Hz
Response time	<5 ns
Continuous current	Unlimited
Surge current	19,500A
Energy dissipation	255 Joules
Filtering	RFI/EMI noise
Protection	L-N, L-G, N-G
Agency approvals	UL 1449 3 rd Edition, cUL 1449, IEEE C62.41B, File #136659
Connections	3/4" hub-mount 3-12 AWG leads
Dimensions	2.9"H x 2.8"W x 1.6"D (7.3 x 7.1 x 4.0 cm)
Weight	0.5 lb (82g)
Warranty	10 years

WIRING



ORDERING INFORMATION

MODEL

DTK-120HW
DTK-RJ11
DTK-2LVLPX
DTK-2LVLPV

DESCRIPTION

120V inline surge protector
130V telephone line surge protector
15V four-wire data line surge protector
27V four-wire data line surge protector

Note: Other models and voltage levels available on a special order basis.
Contact Kele for more details.