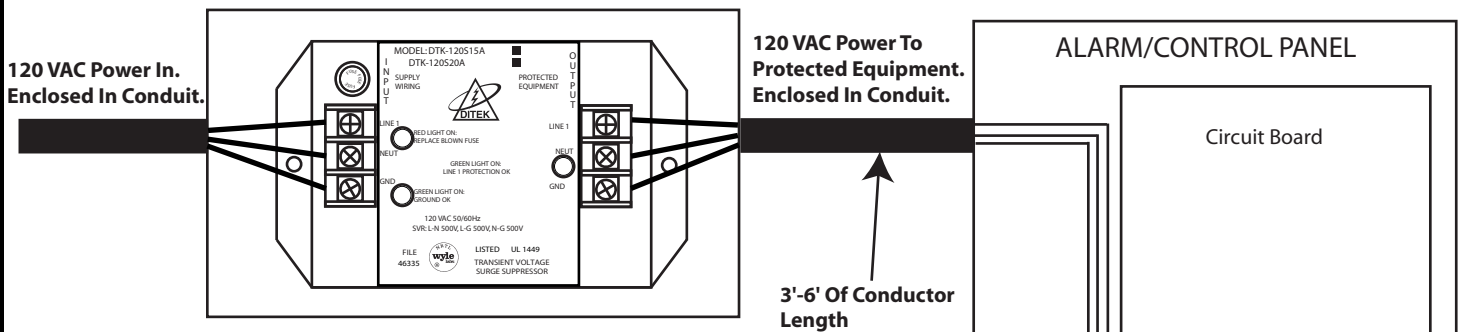


120S15A/20A INSTALLATION INSTRUCTIONS

120 Volt In-Line Surge Suppressor

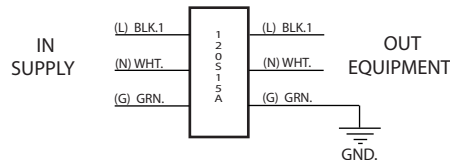
NOTE: THIS DEVICE IS INTENDED TO BE INSTALLED IN SERIES WITH THE EQUIPMENT TO BE PROTECTED AND THE SUPPLY WIRING.

1. THIS INSTALLATION SHOULD BE PERFORMED BY A LICENSED ELECTRICIAN.
2. USE AN AC VOLTMETER TO CHECK ALL VOLTAGES TO ENSURE THE PROPER UNIT HAS BEEN SELECTED.
3. TURN OFF THE POWER AT THE CIRCUIT BREAKER OR MAIN BEFORE BEGINNING INSTALLATION.
4. SECURELY MOUNT THIS UNIT IN SERIES BETWEEN THE SUPPLY WIRING AND THE EQUIPMENT TO BE PROTECTED. FOR INSTALLATION OUTSIDE OF THE PANEL, PLEASE REFER TO THE DIAGRAM BELOW.
5. ALLOW 3-6 WIRE FEET OF CONDUCTOR LENGTH BETWEEN THIS DEVICE AND THE PROTECTED EQUIPMENT. THIS WILL ALLOW THE UNIT TIME TO REACT.
6. NOTE: USE MINIMUM 14 AWG WIRE FOR ALL HOOK UPS.
7. REMOVE TERMINAL COVERS.
8. NOTE: DO NOT REMOVE SCREWS FROM TERMINAL BLOCK.
9. CONNECT THE GROUND (GREEN OR BARE) SUPPLY WIRE TO THE IN GROUNDING SCREW OF THE TERMINAL BLOCK.
10. CONNECT THE GROUND (GREEN OR BARE) EQUIPMENT WIRE TO THE OUT GROUNDING SCREW OF THE TERMINAL BLOCK.
11. CONNECT THE NEUTRAL (WHITE) SUPPLY WIRE TO THE IN NEUTRAL SCREW OF THE TERMINAL BLOCK.
12. CONNECT THE NEUTRAL (WHITE) EQUIPMENT WIRE TO THE OUT NEUTRAL SCREW OF THE TERMINAL BLOCK.
13. CONNECT THE LINE (BLACK) SUPPLY WIRE TO THE IN LINE1 SCREW OF THE TERMINAL BLOCK.
14. CONNECT THE LINE (BLACK) EQUIPMENT WIRE TO THE OUT LINE1 SCREW OF THE TERMINAL BLOCK.
15. REPLACE TERMINAL COVERS.
16. AFTER ALL CONNECTIONS HAVE BEEN MADE AND NO HAZARDS EXIST, RESTORE POWER.
17. GREEN LIGHT ON: GROUND OK.
18. GREEN LIGHT ON: PROTECTION OK. CHECK LABEL.
19. RED LIGHT ON: REPLACE BLOWN FUSE. CHECK LABEL.
(REPLACE WITH 3AG TYPE CARTRIDGE FUSE 250VAC, 15 OR 20AMPS)
20. NOTE: THIS DEVICE IS NOT INTENDED FOR USE IN ENVIRONMENTS EXCEEDING 100 DEGREES (F).
21. THIS DEVICE IS SUITABLE FOR USE ON A CIRCUIT CAPABLE OF DELIVERING NOT MORE THAN 5000 RMS SYMMETRICAL AMPS, 120 (120 VAC UNIT) OR 240 (120/240 VAC UNIT) VOLTS MAXIMUM. WHEN PROTECTED BY A 15 (15A DEVICE) OR 20 (20A DEVICE) AMP CIRCUIT BREAKER RATED 250 VOLTS MAXIMUM.
22. IF YOU HAVE ANY QUESTIONS CALL TECHNICAL SUPPORT AT: 1-888-472-6100.



NOTE: IF THE DTK-120S15A IS NOT INSTALLED INSIDE THE CONTROL PANEL/CABINET, PROVIDE AN APPROPRIATE ENCLOSURE PER NEC, NFPA, AND ALL APPLICABLE CODES.

EXPECTED SYSTEM VOLTAGES			
120 VAC	L-N	L-G	N-G
VOLTAGES	120	120	0



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TITLE: INSTALL INSTRUCTION, 120S15A, 120S20A

MATERIAL:
FINISH:

APPROVED BY:

DRAWN BY:

RWM

DATE:

3-26-02

REVISED:

4-28-04

DWG NO.

INT-100034-001

PART NO.

191425

REV.

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