

LOW VOLTAGE TRANSFORMER – 50W-300W

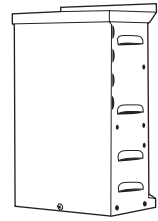
CVTXS

SUBMITTAL:

JOB:

TYPE:

VOLTAGE:



EXAMPLE

CVTXS - 300DT - 120 / 12 - 3 - 25 - OPTIONS

SERIES

WATTAGE

PRIMARY VOLTAGE

SECONDARY VOLTAGE

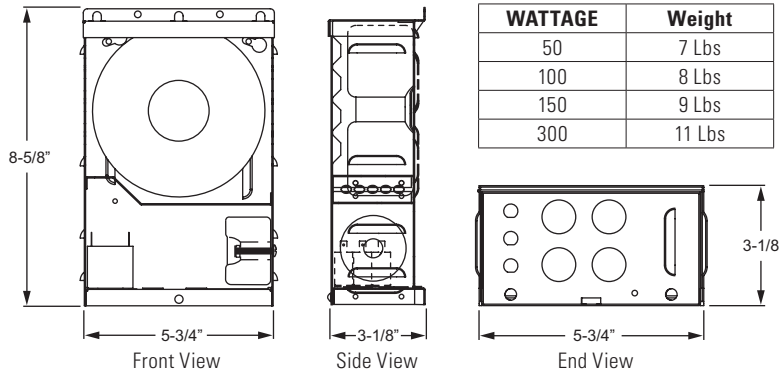
#SECOND. BREAKERS

BREAKERS AMPS

OPTIONS

SERIES

The CVTXS Series (a Q-Tran® product) utilizes two (2) primary taps (12V, 13V or 24V, 26V). Loads may be connected to one (1) of the primary taps up to the full watt rating. The advantage is that the CVTX Series can be tapped to recover voltage drop and produce between 85%-100% light output. This series is proudly made in the USA.



CVTXS SERIES HOUSING

— 18-gauge welded steel with five knockouts. Standard finish is white powder coat.

TOROIDAL CHOKE — A choke or “debuzzing coil” comes standard on every CVTXS unit (except 50W-100W) to reduce noise and in-rush current. A choke is especially helpful when dimming. NOTE: Not required for 50W and 100W transformers.

WATTAGE (Must specify)

	MAX LAMP LOAD WATTS	EFFICIENCY	MAX RATING		MAX PRIMARY AMPS	
			WATTS	VA	@120V	@277V
50DT	50W	92%	54W	58	0.5 A	0.2 A
100DT	100W	92%	108W	115	1.0 A	0.4 A
150DT	150W	92%	163W	173	1.4 A	0.62 A
300DT	300W	92%	324W	345	2.9 A	1.2 A

PRIMARY VOLTAGE (Must specify)

120	120-volt, 60Hz
277	277-volt, 60Hz

SECONDARY VOLTAGE (Must specify)

	RATED VOLTS	MAX VOLTS
12	12V	13V
24	24V	26V

NUMBER OF SECONDARY BREAKERS (Must specify)

1-3	Specify number of secondary breakers, up to 3
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SECONDARY CIRCUIT

Protected by up to three magnetic circuit breakers. Appropriate size to the feed load per NEC Article 411 (not to exceed 25 amps per load). All wiring by a certified electrical contractor must be Class 1 compliant to NEC Chapter 3. Available in 5A, 10A, 12.5A, 15A, 20A, and 25A.



SECONDARY BREAKERS AMPERAGE (Must specify)

AMPS	MAX 12V LOAD	MAX 24V LOAD
5	60W	120W
10	120W	240W
12.5	150W	300W
15	180W	360W
20	240W	480W
25	300W	600W

OPTIONS

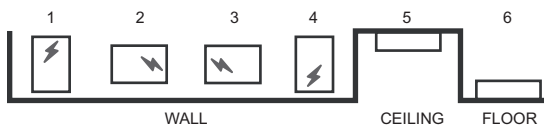
BLH Black powder coat finish

MOUNTING

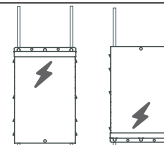
Built-in mounting bracket is designed for easy installation. Surface: six plane surface mount. Suspension: two 1/4" threaded rods.

MOUNTING

SURFACE MOUNT



SUSPENDED



LABELS

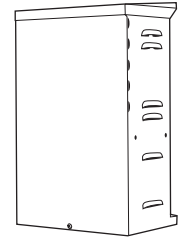
cULus listed as low voltage lighting power supply center suitable for damp locations.

LABELS

- ▶ Surface mount any position.
- ▶ Suitable for damp locations.
- ▶ For supply connections use wire rated for at least 90° C.
- ▶ Suitable for indoor use only.
- ▶ Complies with NEC Article 411.
- ▶ Complies with UL standard 2108.
- ▶ Isolation toroidal transformer.
- ▶ Use dimmers rated for magnetic low voltage load.
- ▶ 50/60 cycle A.C. only.

LOW VOLTAGE TRANSFORMER – 500W-750W

CVTXM



SUBMITTAL:

JOB:

TYPE:

VOLTAGE:

EXAMPLE

CVTXM - 750DT - 120 / 12 - 5 - 25 - OPTIONS

SERIES

WATTAGE

PRIMARY VOLTAGE

SECONDARY VOLTAGE

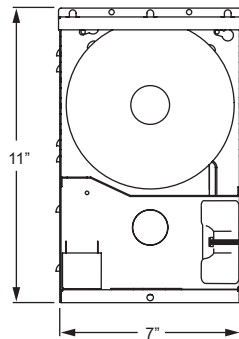
SECOND. BREAKERS

BREAKERS AMPS

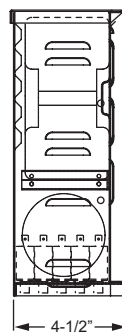
OPTIONS

SERIES

The CVTXM Series (a Q-Tran® product) utilizes two (2) primary taps (12V, 13V or 24V, 26V). Loads may be connected to one (1) of the primary taps up to the full watt rating. The advantage is that the CVTXM Series can be tapped to recover voltage drop and produce between 85%-100% light output. This series is proudly made in the USA.

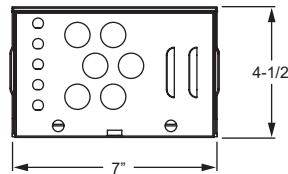


Front View



Side View

WATTAGE	Weight
500	19 Lbs
600	19 Lbs
750	23 Lbs



End View



CVTXM SERIES HOUSING

— 18-gauge welded steel with seven knockouts. Standard finish is white powder coat.

TOROIDAL CHOKE

— A choke or “debuzzing coil” comes standard on every CVTXM unit to reduce noise and in-rush current. A choke is especially helpful when dimming.

WATTAGE (Must specify)

	MAX LAMP LOAD WATTS	EFFICIENCY	MAX RATING		MAX PRIMARY AMPS	
			WATTS	VA	@120V	@277V
500DT	500W	94%	530W	575	4.7 A	2.0 A
600DT	600W	94%	626W	690	5.7 A	2.4 A
750DT	750W	94%	795W	863	7.1 A	3.0 A

PRIMARY VOLTAGE (Must specify)

120	120-volt, 60Hz
277	277-volt, 60Hz

SECONDARY VOLTAGE (Must specify)

	RATED VOLTS	MAX VOLTS
12	12V	13V
24	24V	26V

NUMBER OF SECONDARY BREAKERS (Must specify)

1-5	Specify number of secondary breakers, up to 5
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SECONDARY CIRCUIT

Protected by up to five magnetic circuit breakers. Appropriate size to the feed load per NEC Article 411 (not to exceed 25 amps per load). All wiring by a certified electrical contractor must be Class 1 compliant to NEC Chapter 3. Available in 5A, 10A, 12.5A, 15A, 20A, and 25A.



SECONDARY BREAKERS AMPERAGE (Must specify)

AMPS	MAX 12V LOAD	MAX 24V LOAD
5	60W	120W
10	120W	240W
12.5	150W	300W
15	180W	360W
20	240W	480W
25	300W	600W

OPTIONS

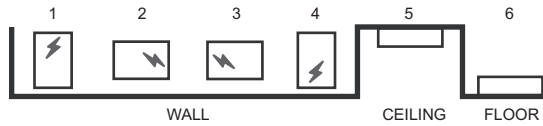
BLH Black powder coat finish

MOUNTING

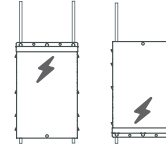
Built-in mounting bracket is designed for easy installation. Surface: six plane surface mount. Suspension: two 3/8" threaded rods.

MOUNTING

SURFACE MOUNT



SUSPENDED



LABELS

cULus listed as low voltage lighting power supply center suitable for damp locations.

LABELS

- ▶ Surface mount any position.
- ▶ Suitable for damp locations.
- ▶ For supply connections use wire rated for at least 90° C.
- ▶ Suitable for indoor use only.
- ▶ Complies with NEC Article 411.
- ▶ Complies with UL standard 2108.
- ▶ Isolation toroidal transformer.
- ▶ Use dimmers rated for magnetic low voltage load.
- ▶ 50/60 cycle A.C. only.

LOW VOLTAGE TRANSFORMER – 900W-1800W

CVTXL

SUBMITTAL:

JOB:

TYPE:

VOLTAGE:

EXAMPLE

CVTXL - 1800DT - 120 / 12 - 9 - 25 - OPTIONS

SERIES

WATTAGE

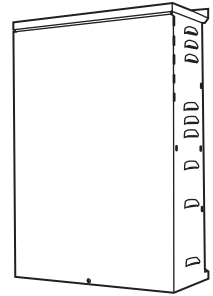
PRIMARY VOLTAGE

SECONDARY VOLTAGE

#SECOND. BREAKERS

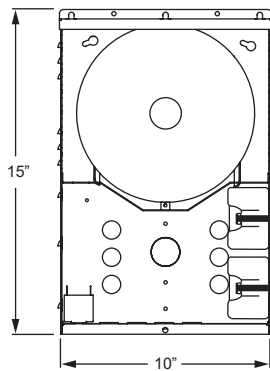
BREAKERS AMPS

OPTIONS

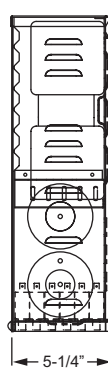


SERIES

The CVTXL Series (a Q-Tran® product) utilizes two (2) primary taps (12V, 13V or 24V, 26V). Loads may be connected to one (1) of the primary taps up to the full watt rating. The advantage is that the CVTXL Series can be tapped to recover voltage drop and produce between 85%-100% light output. This series is proudly made in the USA.

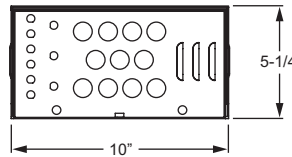


Front View



Side View

WATTAGE	Weight
900	35 Lbs
1200	40 Lbs
1500	45 Lbs
1800	55 Lbs



End View



CVTXL SERIES HOUSING

HOUSING — 16-gauge welded steel with eighteen knockouts. Standard finish is white powder coat.

TOROIDAL CHOKE — A choke or “debuzzing coil” comes standard on every CVTXL unit to reduce noise and in-rush current. A choke is especially helpful when dimming.

WATTAGE (Must specify)

	MAX LAMP LOAD WATTS	EFFICIENCY	MAX RATING		MAX PRIMARY AMPS	
			WATTS	VA	@120V	@277V
900DT	900W	95%	945W	1035	8.4 A	3.6 A
1200DT	1200W	95%	1260W	1380	11.2 A	4.9 A
1500DT	1500W	95%	1575W	1725	14.0 A	6.1 A
1800DT	1800W	96%	1863W	2070	16.0 A	7.0 A

PRIMARY VOLTAGE (Must specify)

120	120-volt, 60Hz
277	277-volt, 60Hz

SECONDARY VOLTAGE (Must specify)

	RATED VOLTS	MAX VOLTS
12	12V	12.5V
24	24V	25V

NUMBER OF SECONDARY BREAKERS (Must specify)

1-9	Specify number of secondary breakers, up to 9
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SECONDARY CIRCUIT

Protected by up to nine magnetic circuit breakers. Appropriate size to the feed load per NEC Article 411 (not to exceed 25 amps per load). All wiring by a certified electrical contractor must be Class 1 compliant to NEC Chapter 3. Available in 5A, 10A, 12.5A, 15A, 20A, and 25A.



SECONDARY BREAKERS AMPERAGE (Must specify)

AMPS	MAX 12V LOAD	MAX 24V LOAD
5	60W	120W
10	120W	240W
12.5	150W	300W
15	180W	360W
20	240W	480W
25	300W	600W

OPTIONS

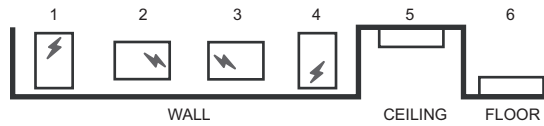
BLH Black powder coat finish

MOUNTING

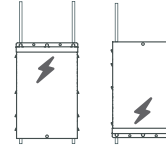
Built-in mounting bracket is designed for easy installation. Surface: six plane surface mount. Suspension: two 3/8" threaded rods.

MOUNTING

SURFACE MOUNT



SUSPENDED



LABELS

cULus listed as low voltage lighting power supply center suitable for damp locations.

LABELS

- ▶ Surface mount any position.
- ▶ Suitable for damp locations.
- ▶ For supply connections use wire rated for at least 90° C.
- ▶ Suitable for indoor use only.
- ▶ Complies with NEC Article 411.
- ▶ Complies with UL standard 2108.
- ▶ Isolation toroidal transformer.
- ▶ Use dimmers rated for magnetic low voltage load.
- ▶ 50/60 cycle A.C. only.