

Electronic T2 Fluorescent Subminiature Systems

QUICKTRONIC® FM – DEDICATED VOLTAGE (120V)

Lamp/Ballast Guide

- 6W T2 - FM
1-lamp QT1x 6-8FM/120
- 8W T2 - FM
1-lamp QT1x 6-8FM/120
- 11W T2 - FM
1-lamp QT1x 11-13FM/120
- 13W T2 - FM
1-lamp QT1x 11-13FM/120

Key System Features

- Dedicated Voltage (120V)
- 1-Lamp Operation:
 - 6W & 8W: QT1x 6-8FM/120
 - 11W & 13W: QT1x 11-13FM/120
- Normal ballast factor
- High luminous efficacy
- Virtually eliminate lamp flicker
- Quiet operation
- On ly 22mm height profile and small compact case size
- Lifetime
- UL Recognized, CSA, FCC
- QUICK 60+ warranty
- QUICKSENSE Ballast Technology

Application Information

SYLVANIA QUICKTRONIC QT-FM

is ideally suited for:

- Commercial
- Retail
- Hospitality
- Wall mount
- Display case
- Edge lighting
- Cabinet
- Sign lighting
- Backlight displays

SYLVANIA QUICKTRONIC

FM 120V operates SYLVANIA T2 fluorescent miniature lamps with maximum efficacy and full lumen output. SYSTEM FM provides up to 70% energy savings when compared with incandescent alternatives.

The small diameter of the lamp and small compact profile of the ballast create new design opportunities for luminaires and open up a whole new set of applications for fluorescent lighting.

Setting the standard for quality, SYSTEM FM is also covered by our QUICK 60+® warranty, the first and most comprehensive system warranty in the industry.



System Information

The rapid starting feature provides optimum starting conditions to reduce end bulb arc in gain on long lamp life, with maximum energy efficiency.

QUICKTRONIC FM 120V utilizes pole-in wire connector for ease of installation.

QUICKSENSE® end-of-life sensing technology helps protect against overheated bases and sockets, as well as crack of the glass wall. QUICKSENSE ballast technology uses dynamic end-of-life sensing to avoid false shut downs caused by static sensing methods and will auto-reset when the end-of-life lamps are replaced with new ones.

QUICKTRONIC FM comes with wire-trap connector for quick and easy installation.

System Type	Input Wattage	Initial Lumens	System LPW
Incandescent	60	870	14
CFL13W - Magnetic	17	780	46
QT1x11-13FM/120 (1x13W)	16	930	58

RAPID START FM Dedicated Voltage

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Item Number	Description	Input Voltage (VAC)	Current (Amps)	Lamp ¹ Type	Rated ² Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Input Wattage (W)	System Efficacy (lm/W)
49735	QT1x6-8FM/120	120	0.11	FM 6/H	330	1	1.00	330	8	41
		120	0.14	FM 8/H	540	1	1.00	540	10	54
49736	QT1x11-13FM/120	120	0.18	FM 11/H	750	1	1.00	750	13	58
		120	0.22	FM 13/H	930	1	1.00	930	16	58

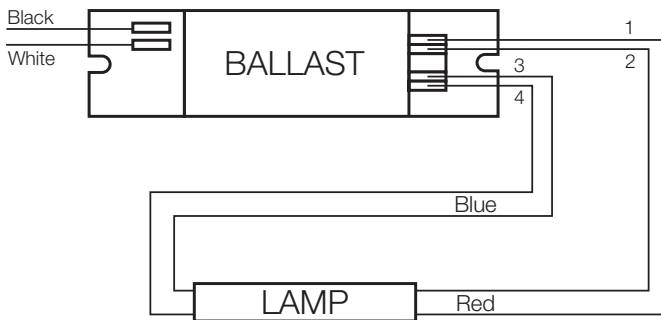
¹ Also compatible with other manufacturer's equivalent lamp types that meet ANSI standards.
² Rated lamp lumens and performance data based on SYLVANIA T2 subminiature lamps.

Performance Guide

Specifications

Starting Method: Rapid Start
Lamp Frequency: > 40 KHz
Lamp CCF: Less than 1.7
Starting Temp: 5°F minimum
Input Frequency: 60 Hz
THD: <200%
Normal Power Factor: >50%
Voltage Range: +/-10% Rated Input

UL Recognized Class P, Type 1, Outdoor
 CSA Certified
 70°C Max Case Temperature
 FCC 47CFR Part 18 Non-Consumer
 Sound Rated A
 ANSI C62.41 Cat. A Transient Protection
 End-of-Lamp-Life Sensing
 Remote Mounting:
 Red leads (position 1&2) up to 3 feet
 Blue leads (position 3&4) up to 1.5 feet



QUICKTRONIC FM (1 LAMP)
QT 1x6-8 FM
QT 1x11-13 FM

System Life / Warranty

QUICKTRONIC® products are covered by our QUICK 60+® warranty, a comprehensive lamp and ballast system warranty. For additional details, refer to our QUICK 60+ warranty bulletin. Warranty Period 2 years.

Dimensions:

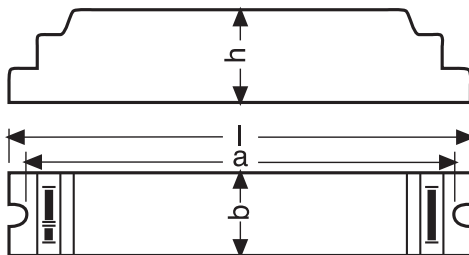
Overall: 5.96" L x 0.87" W x 0.87" H
 150mm L x 22mm W x 22mm H
 Mounting: 5.51"
 140mm

Wiring:

Push-in connectors (no leads provided)
 Use 18AWG solid copper wire only

Packaging:

Quantity: 50
 Weight: 0.11 lbs.
 50g ea. (approx.)



Item Number ——— 49735 QT 1x6-8 FM 120 ——— Line Voltage
 QUICKTRONIC ——— Lamp Type
 Number of Lamps (1) ——— Lamp Wattage (6W, 8W)

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Ordering Guide

Specifications subject to change without notice.