



KTSB-E-0208-11-1-S

SMARTWIRE™ ELECTRONIC SIGN BALLAST



DESCRIPTION

1 Lamp | T8HO or T12HO | 2'-8' Combined Lamp Length | Series Wiring



STARTING METHOD: Rapid Start | **INPUT VOLTAGE:** 120VAC $\pm 10\%$ | **LAMP CONNECTION:** Series | **INPUT FREQUENCY:** 60 Hz

PRODUCT FEATURES

- Sound Rated: A
- Minimum Starting Temperature: -20°F , -30°C
- Maximum Case Temperature: 194°F , 90°C
- Meets FCC Part 18 (Class A) Non-Consumer Limits
- UL, cUL 935 Listed, Class P, Type 2 Outdoor, Type HL
- Open Circuit Voltage: 1000V

ELECTRICAL SPECIFICATIONS FOR COMMON CONFIGURATIONS*

Lamp Type	No. of Lamps	Input Volts	Input Watts	Input Current (Amps)	Power Factor	Crest Factor
F96T12/HO, 110W	1	120	90	0.85	>0.90	<1.70
F96T8/HO, 86W	1	120	102	1.00	>0.90	<1.70
F72T8/HO, 65W	1	120	80	0.75	>0.90	<1.70
F24T12/HO, 37W	1	120	31	0.32	>0.90	<1.70

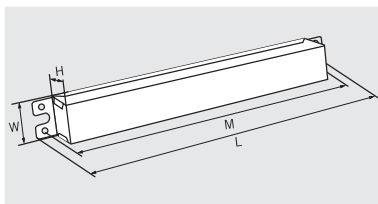
*Consult factory for additional sign configurations.

LAMP FOOTAGE

Lamp Type	Minimum	Maximum
T12HO	2'	8'
T8HO	2'	8'

MECHANICAL SPECIFICATIONS

CASE DIMENSIONS



LENGTH	9.47"
WIDTH	2.35"
HEIGHT	1.69"
MOUNTING	8.84"
CASE STYLE	L27

STANDARD LEAD LENGTHS*

WHITE	24"
BLACK	24"
RED	60"
BLUE	60"

*Consult Keystone for special lead length requirements.

Lead wires are 18 AWG
 $105^{\circ}\text{C}/600\text{V}$, solid copper.

CASE MATERIAL: Metal



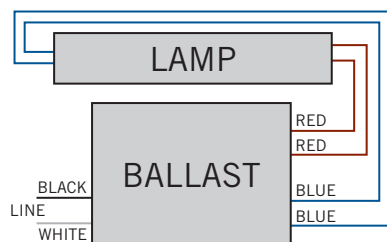
KTSE-E-0208-11-1-S

SMARTWIRE™ ELECTRONIC SIGN BALLAST

FOR INSTALLATION PURPOSES

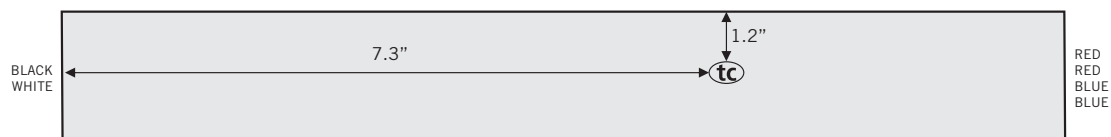
Ballast can drive 1 T12HO or T8HO lamp in any combination from 2'-8'.

WIRING DIAGRAMS



One Lamp Application

HOT SPOT LOCATION



Actual tc point is noted on each ballast label.

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KTSE-E-0208-11-1-S-IP	Individually Packaged	1	Quick Ship

CATALOG NUMBER BREAKDOWN

KTSE-E-0208-11-1-S-IP

Keystone Technologies Sign Ballast	Electronic	Min. Total Lamp Length*	Max. Total Lamp Length*	Min. Lamps	Max. Lamps	120V Input	SmartWire	Packaging Style
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*Minimum and maximum total lamp length based on T12HO lamps.