

QUICK REFERENCE GUIDE

ELECTRONIC BALLASTS (continued)

Category	Primary Lamp Type	No. of Lamps	Input Volts	Catalog Number	Description	Page Number
T5	F8T5	1	120	KTEB-108-TP-FC	F8T5 for Undercabinet	3-22, 4-2
	F13T5	2	120	KTEB-213-1-TP-SL-MB	F13T5 for Undercabinet with Mounting Bracket	3-22
	F14T5	1	120	KTEB-114-1-TP-FC	F13/14T5 for Undercabinet	3-22, 3-24, 4-2
	F28T5	2	120-277	KTEB-228HE-UV-PS-SL	F14/21/28 T5 Program Start, 90°C Rated, 9" Case	3-22, 3-24
				KTEB-228HE-UV-PS	F14/21/28 T5 Program Start, 90°C Rated	3-22, 3-24
		4	120-277	KTEB-428HE-UV-PS	F14/21/28 T5 Program Start, 90°C Rated	3-22, 3-24
F35T5	1	120	KTEB-135HE-1-TP	F35T5HE Electronic Ballast	3-24	
Circline	FC22T9	1	120	KTEB-1C22-1-TP-WS	22W, 3.5" Case, with Sockets	3-34
	FC32T9 & FC40T9	1	120	KTEB-140-1-TP-EMI-WS	32 or 40W, with Sockets	3-34
	FC22T9 & FC32T9	2	120	KTEB-2C72-1-TP-WS	22W & 32W or 32 & 40W, with Sockets	3-34
	FC32T9 & FC40T9	2	120	KTEB-2C72-1-TP-WS	22W & 32W or 32 & 40W, with Sockets	3-34
Circline Magnetic	FC8T9	1	120	SS22WSTP	22W Circline, Small Case, Self-Start	3-34

CFL BALLASTS

Category	Primary Lamp Type	No. of Lamps	Input Volts	Catalog Number	Description	Page Number
Commercial Grade	13W CFL	1 or 2	120-277	KTEB-213-UV-PS-DW	13W 4-Pin CFL, Program Start, 90°C Rated	4-2
				KTEB-213-UV-RS-DW	13W 4-Pin CFL, Rapid Start	4-2, 4-4
				KTEB-213-UV-RS-DW-KIT	13W 4-Pin CFL, Kit Includes Wires/Stud Plate	4-2, 4-4
	18W CFL	1 or 2	120-277	KTEB-218-UV-PS-DW	18W 4-Pin CFL, Program Start, 90°C Rated	3-36, 4-4
				KTEB-218-UV-RS-DW	18W 4-Pin CFL, Rapid Start	4-4
				KTEB-218-UV-RS-DW-KIT	18W 4-Pin CFL, Kit Includes Wires/Stud Plate	4-4
	26W CFL	1 or 2	120-277	KTEB-226-UV-PS-DW	26W, 1x 32W or 40W 4-Pin CFL, Program Start, 90°C Rated	3-28, 3-36, 4-4, 4-6
				KTEB-226-UV-RS-DW	26W, 1x 32W or 40W 4-Pin CFL, Rapid Start	3-34, 4-4, 4-6
				KTEB-226-UV-RS-DW-KIT	26W, 1x 32W or 40W 4-Pin CFL, Kit Includes Wires/Stud Plate	3-34, 4-4, 4-6
	42W CFL	1 or 2	120-277	KTEB-242-UV-PS-DW	32W or 42W 4-Pin CFL, Program Start, 90°C Rated	3-28, 3-30, 3-34, 3-36, 4-4, 4-6, 4-8
				KTEB-242-UV-RS-DW	32W or 42W 4-Pin CFL, Rapid Start	4-4, 4-6, 4-8
				KTEB-242-UV-RS-DW-KIT	32W or 42W 4-Pin CFL, Kit Includes Wires/Stud Plate	4-4, 4-6, 4-8
Residential Grade	13W CFL	1	120	KTEB-113-1-TP-xx*	13W 4-Pin CFL	4-2
		2	120	KTEB-213-1-TP-xx*	13W 4-Pin CFL	4-2
	18W CFL	1	120	KTEB-118-1-TP-xx*	18W 4-Pin CFL	4-4
		2	120	KTEB-218-1-TP-xx*	18W 4-Pin CFL	4-4
	26W CFL	1	120	KTEB-126-1-TP-xx*	26W 4-Pin CFL	4-4
		2	120	KTEB-226-1-TP-xx*	26W 4-Pin CFL	4-6
	42W CFL	1	120	KTEB-142T-1-TP-xx*	42W 4-Pin CFL	3-30, 3-36, 4-4, 4-6, 4-8
	2-Pin Magnetic	13W 2-Pin	1	120	CC1322TP	13-22 Watt, 2-Pin Compact Fluorescent
113SHPTP					13 Watt, 2-Pin Compact Fluorescent, High Power Factor	4-2
9W 2-Pin		1	120	CC579TP	5, 7, 9 Watt, 2-Pin Compact Fluorescent	4-2

*xx denotes several case styles available

HID Kits include a Core and Coil Ballast, a Capacitor and Ignitor (if required), and Mounting Hardware.

HID

Category	Lamp Watts	No. of Taps	Input Volts	Catalog Number	Description	Page Number
Metal Halide	50	Quad	120/208/240/277	MH-50X-Q-KIT*	50W (M110) Metal Halide Ballast Kit	5-4
	70	Quad	120/208/240/277	MH-70X-Q-KIT*	70W (M98) Metal Halide Ballast Kit	5-4
	100	Quad	120/208/240/277	MH-100X-Q-KIT*	100W (M90) Metal Halide Ballast Kit	5-4
	150	Quad	120/208/240/277	MH-150X-Q-KIT*	150W (M102) Metal Halide Ballast Kit	5-4
	175	Quad	120/208/240/277	MH-175A-Q-KIT	175W (M57) Metal Halide Ballast Kit	5-4
				120/208/240/277/480	MH-175A-P-KIT	175W (M57) Metal Halide Ballast Kit

*Operates both Pulse and Probe Start Metal Halide Lamps


Specifications subject to change without notice. For complete product specifications, visit www.keystoneballast.com

HID BALLASTS

METAL HALIDE



ELECTRICAL SPECIFICATIONS

Input Volts	No. of Taps	Catalog Number	Status	Circuit Type	Input Watts	Input Current	Coil Material		Ignitor	UL Bench Top Rise	Wiring Diagram	Case Style		
							Primary	Secondary						
50 Watt M110 Metal Halide Lamp													Capacitor Specs: Dry Type, 280 Volts, 6 Microfarad	
120	Single	MH-50X-1	Consult Factory	HX-NPF HX-HPF (with Cap.)	67	1.70 0.64	Copper	Copper	XG-04	A	H4A	A7	●	
277	Single	MH-50R-2	Consult Factory	R-NPF R-HPF (with Cap.)	60	0.63 0.24	Copper	Copper	XG-04	A	H1A	R6	●	
120/277	Dual	MH-50X-D	Consult Factory	HX-NPF HX-HPF (with Cap.)	67	1.70/0.70 0.64/0.28	Copper	Copper	XG-04	A/A	H4	A7	●	
120/208/ 240/277	Quad	MH-50X-Q MH-50X-Q-KIT	Quick Ship	HX-NPF HX-HPF (with Cap.)	67	1.70/0.98/0.85/0.70 0.64/0.37/0.32/0.28	Copper	Copper	XG-04	A/A/A/A	H4B	A7	●	
70 Watt M98 Metal Halide Lamp													Capacitor Specs: Dry Type, 280 Volts, 8 Microfarad	
120	Single	MH-70X-1	Consult Factory	HX-NPF HX-HPF (with Cap.)	91	2.50 0.83	Copper	Copper	XG-04	A	H4A	A8	●	
277	Single	MH-70R-2	Consult Factory	R-NPF R-HPF (with Cap.)	80	0.90 0.31	Copper	Copper	XG-04	A	H1A	R4	●	
120/277	Dual	MH-70X-D	Consult Factory	HX-NPF HX-HPF (with Cap.)	91	2.50/1.10 0.83/0.38	Copper	Copper	XG-04	A/A	H4	A8	●	
120/208/ 240/277	Quad	MH-70X-Q MH-70X-Q-KIT	Quick Ship	HX-NPF HX-HPF (with Cap.)	91	2.50/1.46/1.26/1.10 0.83/0.49/0.42/0.38	Copper	Copper	XG-04	A/A/A/A	H4B	A8	●	
100 Watt M90 Metal Halide Lamp													Capacitor Specs: Dry Type, 280 Volts, 12 Microfarad	
120	Single	MH-100X-1	Consult Factory	HX-NPF HX-HPF (with Cap.)	125	3.10 1.10	Copper	Copper	XG-04	A	H4A	A10	●	
277	Single	MH-100R-2	Consult Factory	R-NPF R-HPF (with Cap.)	118	1.30 0.47	Copper	Copper	XG-04	A	H1A	R7	●	
120/277	Dual	MH-100X-D	Consult Factory	HX-NPF HX-HPF (with Cap.)	125	3.10/1.40 1.10/0.48	Copper	Copper	XG-04	A/A	H4	A10	●	
120/208/ 240/277	Quad	MH-100X-Q MH-100X-Q-KIT	Quick Ship	HX-NPF HX-HPF (with Cap.)	125	3.10/1.90/1.63/1.40 1.10/0.65/0.58/0.48	Copper	Copper	XG-04	A/A/A/A	H4B	A10	●	
150 Watt M102 Metal Halide Lamp													Capacitor Specs: Dry Type, 280 Volts, 16 Microfarad	
120	Single	MH-150X-1	Consult Factory	HX-NPF HX-HPF (with Cap.)	186	3.40 1.59	Copper	Copper	XG-04	A	H4A	A12	●	
277	Single	MH-150R-2	Consult Factory	R-NPF R-HPF (with Cap.)	176	1.85 0.71	Copper	Copper	XG-04	A	H1A	R8	●	
120/277	Dual	MH-150X-D	Consult Factory	HX-NPF HX-HPF (with Cap.)	186	3.40/1.90 1.59/0.67	Copper	Copper	XG-04	A/A	H4	A12	●	
120/208/ 240/277	Quad	MH-150X-Q MH-150X-Q-KIT	Quick Ship	HX-NPF HX-HPF (with Cap.)	186	3.40/2.60/2.00/1.90 1.59/0.97/0.81/0.67	Copper	Copper	XG-04	A/A/A/A	H4B	A12	●	
175 Watt M57/H39 Metal Halide Lamp													Capacitor Specs: Dry Type, 400 Volts, 10 Microfarad	
120	Single	MH-175A-1-HP	Consult Factory	CWA	205	1.90	Copper	Copper	–	B	H2B	A1	●	
120/277	Dual	MH-175A-D-HP	Consult Factory	CWA	205	1.90/0.80	Copper	Copper	–	B/B	H2A	A1	●	
120/277/ 347	Tri	MH-175A-T3-HP	Consult Factory	CWA	205	1.90/0.80/0.70	Copper	Copper	–	C/C/D	H8B	A26	●	
120/208/ 240/277	Quad	MH-175A-Q-HP	Consult Factory	CWA	205	1.90/1.10/0.95/0.80	Copper	Copper	–	B/B/B/B	H2	A1	●	
		MH-175A-Q-AA MH-175A-Q-AA-KIT	Quick Ship	CWA	205	1.90/1.10/0.95/0.80	Aluminum	Aluminum	–	D/D/D/D	H2	A34	●	
		MH-175A-Q-CA MH-175A-Q-KIT	Quick Ship	CWA	205	1.90/1.10/0.95/ 0.80/0.70	Copper	Aluminum	–	B/B/B/B	H2	A34	●	
120/208/ 240/277/ 480	5-Tap	MH-175A-P-HP	Consult Factory	CWA	205	1.90/1.10/0.95/ 0.80/0.48	Copper	Copper	–	A/A/A/A/A	H8	A41	●	
		MH-175A-P-CA MH-175A-P-KIT	Quick Ship	CWA	205	1.90/1.10/0.95/ 0.80/0.48	Copper	Aluminum	–	C/C/D/C/D	H8	A42	●	

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