



Embassy Series - MF40

MF40 Fluorescent Emergency Ballasts



PRODUCT DESCRIPTION

These emergency ballasts convert new or existing fluorescent fixtures (including twin tube and quad compact) into emergency lights. Emergency ballasts consist of a high-temperature nickel cadmium battery, charger and electronic circuitry in 1 small case. A charge indicator light and test switch are provided.

PRODUCT SPECIFICATIONS

CONSTRUCTION

Heavy duty steel case – Listed for factory or field (retrofit) installation – May be installed in switched or unswitched fixtures – MF40-PLQ (PL) includes flexible conduit for easy conversion of CFL fixtures.

ELECTRICAL

Dual voltage 120/277VAC – Solid state charging and switching – Brownout protection – Battery low voltage disconnect – Overload and short circuit protection – Includes AC power indicator and test switch – Requires unswitched AC power source for proper operation – When operating two lamps in emergency mode, rated lumen output is divided evenly between the lamps – See Ordering Information for supported lamp types.

BATTERY

Special high temperature long-life, maintenance-free, sealed nickel cadmium batteries are standard.

CODE COMPLIANCE

UL Listed – CUL Listed – Indoor damp location rated (MF40-PLQ) – NFPA 101 Life Safety Code compliant – NEC and OSHA compliance.

WARRANTY

5-year warranty. Product specifications subject to change without notice.

INSTALLATION

Emergency ballasts do not affect normal fixture operation and may be used with either a switched or unswitched fixture. In switched fixtures, an unswitched lead is required. Installation not recommended where ambient ballast channel temperature may fall below 0°C.

OPERATION

When ac power fails, the emergency ballast automatically switches to emergency mode, operating either one or two lamps. When ac power is restored the unit automatically recharges the battery. Provides 90–120 minutes of emergency run time.

MOUNTING

Ballast can be mounted in fixture wireway or on top of fixture or remote mounted – May be installed in switched or unswitched fixtures – For remote mounting, the emergency ballast must be located no further than half the distance recommended by the fixture's AC ballast manufacturer or 50 feet, whichever is less – Consult factory for remote mounting questions prior to installation.

ORDERING INFORMATION

MODEL	LUMENS	# OF LAMPS OPERATED	LAMP SIZE	LAMP TYPES	RECHARGE TIME	INPUT VOLTAGE	INPUT WATTAGE	DIMENSIONS (INCHES)
STANDARD LAMP MODELS								
MF40-30	3000	1 or 2	2'-8'	T8, T10, T12, U-Shaped Circline, HO, VHO	24 Hrs	120/277	8	16.3 x 5.5 x 1.7
MF40-50	1400	1 or 2	2'-8'	T8, T10, T12, U-Shaped Circline, HO, VHO	24 Hrs	120/277	4	13.3 x 2.3 x 1.5
MF40-50-SD	1400	1 or 2	2'-8'	T8, T10, T12 U-Shaped Circline, HO, VHO	24 Hrs	120/277	4	13.3 x 2.3 x 1.5
MF40-70	700	1 or 2	2'-4'	T8, T10, T12 U-Shaped Circline HO, VHO	24 Hrs	120/277	3.5	9.4 x 2.4 x 1.5
MF40-100	500	1	2'-8'	T8, T10, T12, U-Shaped Circline HO, VHO	24 Hrs	120/277	3.5	9.4 x 2.4 x 1.5
MF40-LP600	1325	1	2'-4'	T5 HO	24 Hrs	120/277	3	21.5 x 1.18 x 1.18
MF40-LP500	520	1	2'-4'	T5	24 Hrs	120/277	3.5	18.5 x 1.18 x 1.00
COMPACT LAMP MODELS								
MF40-PL	650	1	10-26W	(2-pin) Quad or Triple Twin Tube	24 Hrs	120/277	3.5	9.4x2.4x1.5
MF40-PLQ	750	1 or 2	13-42W	(4-pin) Twin, Quad or Triple Twin Tube	24 Hrs	120/277	3.5	9.4x2.4x1.5

Ordering Example: MF40-50