


Adapter™ Stand Alone Selectable Strobe

ENGINEER AND ARCHITECT SPECIFICATIONS

- **The Adapter** feature offers four field selectable candela strobe values – 15/75, 30/75, 75 or 110 for ceiling and wall mount
- Operates in either sync or non-sync mode
- Low current draw
- Integral universal mounting-single gang, double gang or 4" square box
- Colors- red or off-white
- ADA/NFPA/ANSI compliant
-  UL 1971 listed for both wall and ceiling mount-CSFM, FM and ULC Listed
- Made in U.S.A., ISO 9001 certified
- A Dual Sync Control Module or PAD-3 is only required to activate the Instant Sync feature, nothing to set or change at the strobe unit



Agent Release Strobe



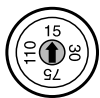
Adapter Strobe



Adapter Strobe Bell Plate

Description

The U-MCS series and U-MCS-6090V, U-MCS-6090V-W strobes combine state of the art electronics to provide reliability and low current draw to meet visual life safety applications. The Adapter feature offers four field selectable candela settings - 15/75, 30/75, 75 or 110.



Detail – Adapter selector switch

The integral universal mounting plate of the U-MCS provides for easy installation with single gang, double gang or 4" square box mounting. The lens construction provides high candela output with low current consumption while meeting UL and ADA standards.

The U-MCS-6090V, U-MCS-6090V-W provides the same strobe choices and is constructed of metal for mounting bell or chime devices to the plate.

The U-MCS Series & U-MCS-6090V, U-MCS-6090V-W use a Xenon flashtube with solid state circuitry for maximum reliability and efficiency. Strobes have a rounded dome shape made of clear polycarbonate.

The U-MCS Series uses a terminal block for easy installation and the U-MCS-6090V, U-MCS-6090V-W uses a pigtail (4 wire) connection.

Strobe Synchronization requires the Dual Sync Module or PAD-3.

Engineering Specifications

The visual notification appliances shall be Adapter U-MCS Series or U-MCS-6090V, U-MCS-6090V-W field selectable candela strobe appliance, or approved equal. They shall be listed to UL1971 (Standard for Safety Signaling Devices for the Hearing Impaired) for indoor applications, and shall be ADA/NFPA/ANSI compliant.

The strobe shall produce a flash rate of one (1) flash per second over the Operating Voltage Range limits of 16 to 32Vdc. The strobe light shall consist of a Xenon flash tube enclosed in a rugged, clear polycarbonate lens. Inputs shall be compatible with standard reverse polarity circuit supervision by an FACP. The Strobe shall be of low current design, and shall provide a minimum of four (4)

field selectable strobe intensity settings, 15/75, 30/75, 75 and 110 candela. All settings shall be UL 1971 listed for both wall and ceiling mount applications. The selector switch shall be tamper-resistant.

It shall not be necessary to remove the strobe from the mounting surface to select the strobe intensity. When synchronization is required, the strobe shall be compatible with the Dual Sync Module, or other source of Siemens Building Technologies, Fire Safety Division Sync Protocol, and shall not drift out of synchronization.

The U-MCS Series Stand-Alone Strobe shall have an integral universal mounting plate that shall allow mounting to single-gang, two-gang, and 4" square backboxes, as well as FBX-S and FBX-F Surface Boxes. A cover trim plate shall be included to enhance appearance. There shall be no mounting holes or screw heads visible.

The Series U-MCS-6090V, U-MCS-6090V-W Strobe Plate shall facilitate the addition of a strobe to a bell installation. The Strobe Plate shall mount to a 4" square backbox for flush mounting.

U-MCS Specifications

Environmental

32°F to 120°F (0°C to 49°C) at 85% RH

Input Voltage

16-32 Vdc regulated or FWR

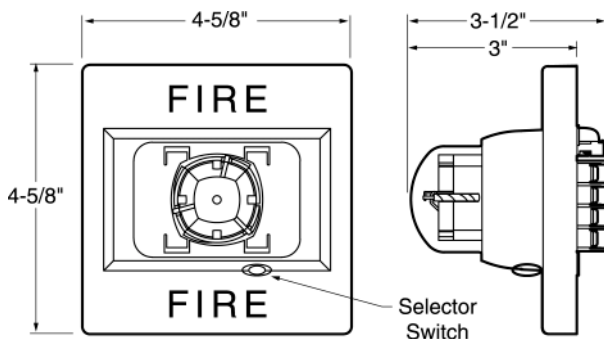
Mounting

Integral universal mounting plate mounts to single gang, double gang or 4" square box.

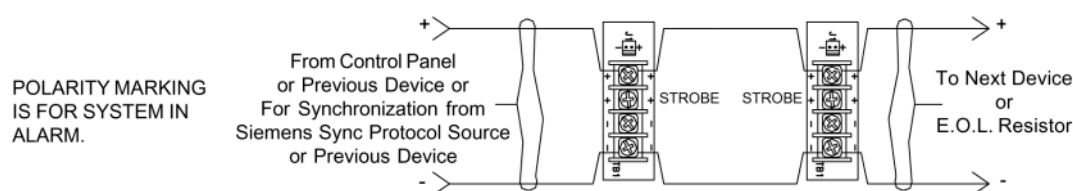
Shipping Weight

9 oz. approx.

U-MCS Dimensions



Typical Wiring



Siemens Building Technologies
Fire Safety

Fire Safety
8 Fernwood Road
Florham Park, NJ 07932
Tel: (973) 593-2600
FAX: (973) 593-6670
Website: www.sbt.siemens.com/fig

3/05
5M
SFS-IG
Printed in U.S.A.

Fire Safety
2 Kenview Boulevard
Brampton, Ontario
Canada L6T 5E4
Tel: (905) 799-9937
FAX: (905) 799-9858

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Supersedes sheet dated 6/04

NOTE: These notification appliances are UL listed and rated as "special application", which represents appliances which have been investigated to operate as described in the product's installation instructions.

Ordering Information

Stand-Alone Strobes-Wall Mount and Ceiling Mount

Model Number	Description	Part Number
U-MCS	Multicandela Selectable Strobe- Red	500-699701
U-MCS-W	Multicandela Selectable Strobe- White	500-699702

Retro-Plate Wall Mount

Model Number	Description	Part Number
U-MCS-6090V	Retro Plate Multicandela Selectable Strobe- Red	500-699703
U-MCS-6090VW	Retro Plate Multicandela Selectable Strobe- Red	500-699704

Stand-Alone Strobes-Wall Mount and Ceiling Mount - for Agent Release

Model Number	Description	Part Number
U-MCS-AR	Multicandela Selectable Strobe - Red For Agent Release	500-699746

Canadian Ordering Information

Stand-Alone Strobes-Wall Mount and Ceiling Mount

Model Number	Description	Part Number
CU-MCS	Multicandela Selectable Strobe- Red	500-699701C
CU-MCS-W	Multicandela Selectable Strobe- White	500-699702C

Retro-Plate Wall Mount

Model Number	Description	Part Number
CU-MCS-6090V	Retro Plate Multicandela Selectable Strobe- Red	500-699703C
CU-MCS-6090VW	Retro Plate Multicandela Selectable Strobe- Red	500-699704C

Strobe Intensity Setting

15/75 cd
30/75 cd
75 cd
110 cd

Strobe Current Draw

63 mA
84 mA
143 mA
178 mA

Do not Loop, "T" Tap or branch connect signal circuit field wires. Cut wire run to provide Electrical Supervision. Use care when positioning field wires so that minimum stress is on the appliance.