

Notification Appliances

ST – Mass Notification Clear & Amber Lens Standalone Strobe Appliances **Application: Indoor**



Amber-Lens Strobe – Wall Mount
(ST-AMC-R-MNS-ALERT)



Clear-Lens Strobe – Ceiling Mount
(ST-CMC-CW-MNS-ALERT)



Amber-Lens Retrofit Strobe – Wall Mount
(ST-AMC-RETRO-W-MNS-ALERT)

Product Overview

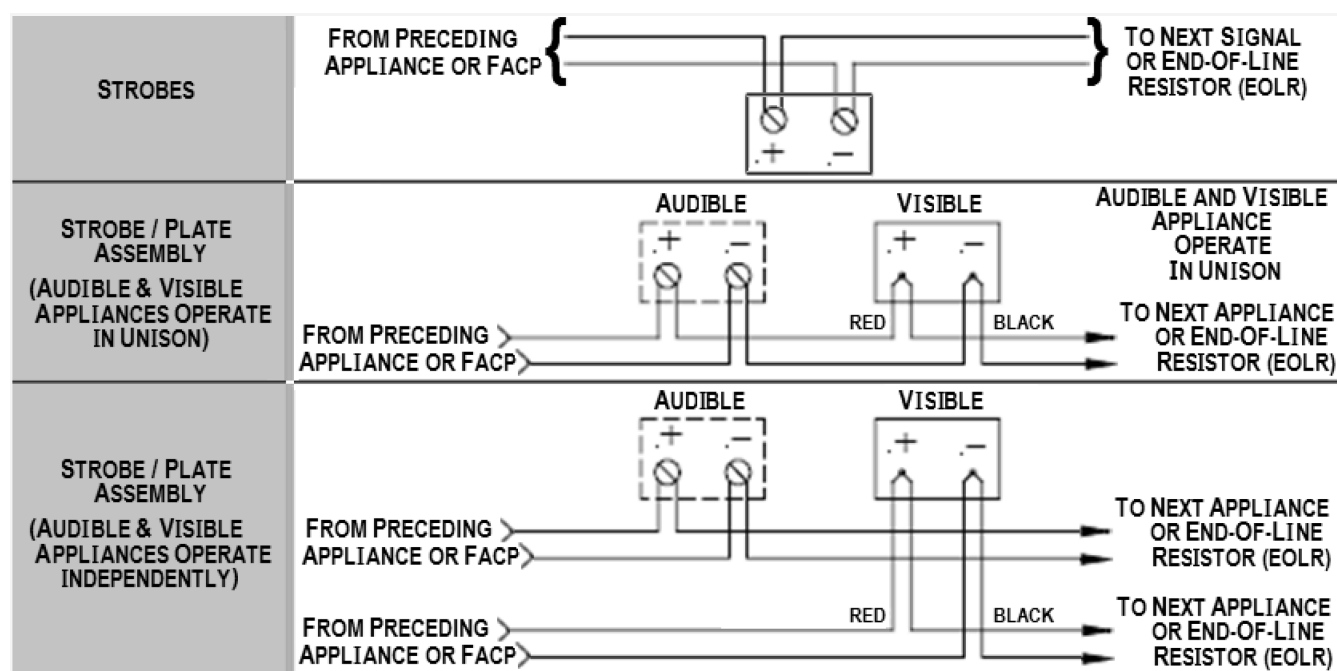
- The Model ST-series of strobes, used in correlation to mass-notification appliances, are a cost-effective way to retrofit colored-lens strobe appliances. Each Model ST-series strobe easily mounts to standard 4" backboxes, or – for surface-mount use – with Siemens Model SBL2S surface backbox.
 - @UL Listed for use with @UL2572 Listed mass-notification systems
 - Strobes are available in **AMBER** and CLEAR lens
 - Devices specific to mass notification will have the word 'ALERT' appear on its cover in red-or-white text
 - Strobes operate from 16 to 33VDC [using filtered or Full-Wave Rectified (FWR) voltage]
 - Intensity options for **AMBER**-lens strobes include multi-Candela models with four (4) field-selectable Candela settings or 110 Candela models
 - Strobes can be synchronized using the Siemens DSC sync modules, and are utilized as mass-notification devices, per @UL 2572:
 - The 252 / 504-point addressable intelligent voice communication system from Siemens
 - FireFinder® XLSM panels
 - PAD-series NAC Extenders with built-in sync protocol
 - Available with a CLEAR lens or **AMBER**-lens option for mass notification:
 - Ceiling models are available with field-selectable, CLEAR-lens Candela settings of 15 / 30 / 75 / 95cd
 - Wall-mount models are available with field-selectable, CLEAR-lens Candela settings of 15 / 30 / 75 / 110cd
 - Ceiling models are available with field-selectable, **AMBER**-lens Candela settings of 11 / 22 / 56 / 71cd
 - Wall-mount models are available with field-selectable, **AMBER**-lens Candela settings of 11 / 22 / 56 / 82cd
 - @UL Standard 1971 Listed;
Complies with Occupational Safety and Health Administration (OSHA) 29, Part 1910.165

'ST' (for MNS) Series Notification Appliances 2588

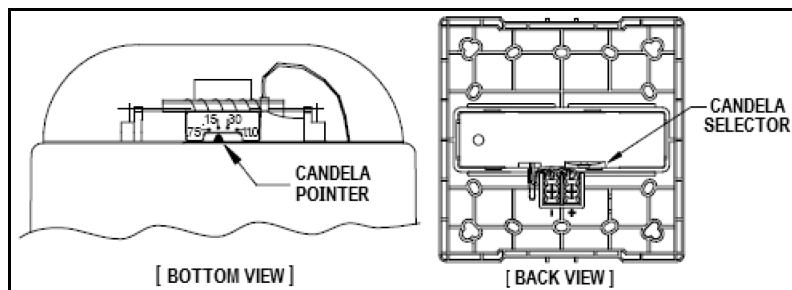
Specifications

- Strobe appliances are Siemens Series ST Strobes or approved equals to be used with ®UL 2572 Listed mass-notification systems
 - All inputs shall employ terminals that accept #12 to #18 AWG sizes
 - Strobe intensity, where multi-Candela appliances are specified, shall have field-selectable settings, and are rated per ®UL Standard 1971 for:
 - Ceiling models are available with field-selectable, CLEAR-lens Candela settings of 15 / 30 / 75 / 95cd
 - Wall-mount models are available with field-selectable, CLEAR-lens Candela settings of 15 / 30 / 75 / 110cd
 - Ceiling models are available with field-selectable, AMBER-lens Candela settings of 11 / 22 / 56 / 71cd
 - Wall-mount models are available with field-selectable, AMBER-lens Candela settings of 11 / 22 / 56 / 82cd
 - Selector switch for selecting the candela is tamper-resistant
 - The strobe portion, when synchronization is required, is compatible with DSC sync modules, and are utilized as ®UL 2572 Listed mass-notification devices:
 - The 252 / 504-point addressable intelligent voice communication system from Siemens
 - FireFinder XLSM panels
 - PAD-series NAC Extenders with built-in sync protocol
 - The strobes shall not drift out of synchronization at any time during operation
 - Strobes feature a low current draw
 - Strobes produce one (1) flash per second over the regulated voltage range
 - Strobes shall revert to a non-synchronized flash-rate, if the sync module or power supply should fail to operate (i.e. – contacts remain closed)
 - Ceiling-mount strobe appliances are designed for indoor-flush mounting
 - Strobe appliances shall incorporate a strobe-mounting plate with a snap-on grille cover
 - Available with CLEAR lens or AMBER-lens option with 'ALERT' text on the outside of each device
 - All strobe appliances shall listed for "Special Applications":
 - Strobes are designed to flash at 1-flash-per-second minimum over their "Regulated Input Voltage Range"
 - Note:** NFPA-72 specifies a flash rate of 1-to-2 flashes per second, and ADA Guidelines specify a flash rate of 1-to-3 flashes per second
 - All candela ratings represent minimum-effective Strobe intensity, based on ®UL Standard 1971

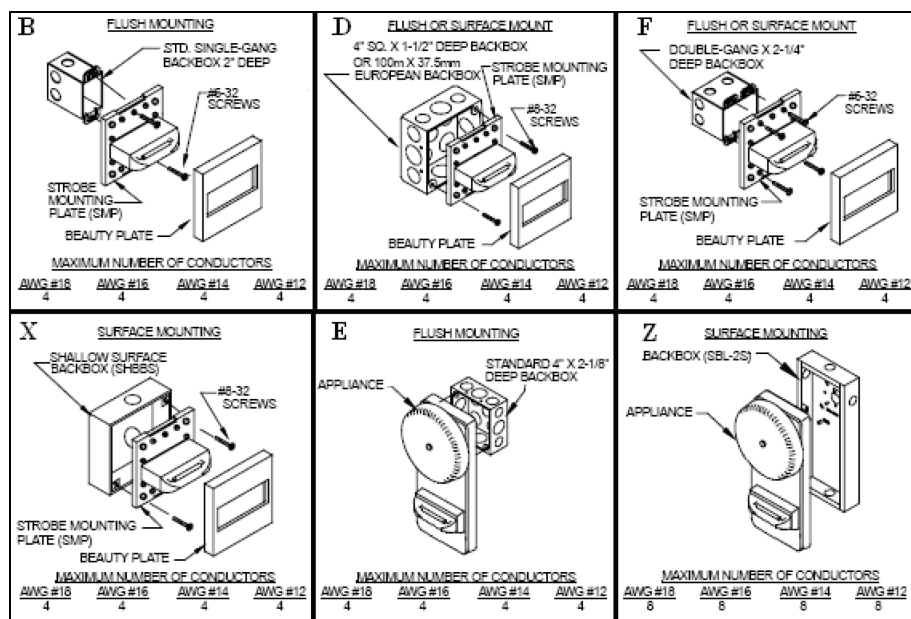
Wiring Diagram



Mounting Diagram



Mounting Options



Notes: Refer to Siemens data sheet: 2585 for the full list of mounting options.

Figures E and Z are shown with an optional 6" bell.

See: Audible / Speakers for ST-MC-RETRO-MNS Strobe / Plate' table for other possible appliance combinations.

General Notes

- Strobes are designed to flash at one (1) flash per second minimum over their "Regulated Voltage Range" *
- All candela ratings represent minimum effective Strobe intensity based on UL 1638 and UL Standard 1971
- All notification appliances are listed for "Special Applications"
- * NFPA-72 specifies a flash rate of 1 to 2 flashes per second, and ADA Guidelines specify a flash rate of 1-to-3 flashes per second

Technical Data

ST-CMC Series: Clear Strobe, Ceiling Mount

Current Ratings (AMPs)		MAXIMUM RMS Current			
Input Voltage		15cd	30cd	75cd	95cd
DC	16.0 – 33.0VDC	0.069	0.111	0.200	0.264
FWR	16.0 – 33.0VRMS	0.117	0.180	0.297	0.398

ST-CMC Series: Clear Strobe, Wall Mount

Current Ratings (AMPs)		MAXIMUM RMS Current			
Input Voltage		15cd	30cd	75cd	110cd
DC	16.0 – 33.0VDC	0.064	0.098	0.175	0.233
FWR	16.0 – 33.0VRMS	0.108	0.164	0.268	0.368

ST-AMC Series: Amber Strobe, Ceiling Mount

Current Ratings (AMPs)		MAXIMUM RMS Current			
Input Voltage		11cd	22cd	56cd	71cd
DC	16.0 – 33.0VDC	0.069	0.111	0.200	0.264
FWR	16.0 – 33.0VRMS	0.117	0.180	0.297	0.398

ST-AMC Series: Amber Strobe, Wall Mount

Current Ratings (AMPs)		MAXIMUM RMS Current			
Input Voltage		11cd	22cd	56cd	82cd
DC	16.0 – 33.0VDC	0.064	0.098	0.175	0.233
FWR	16.0 – 33.0VRMS	0.108	0.164	0.268	0.368

ST (CNMA) Series: Used for mass notification

Current Ratings (AMPs)		MAXIMUM RMS Current			
Input Voltage		11cd	22cd	56cd	71cd
DC	16.0 – 33.0VDC	0.069	0.111	0.200	0.264
FWR	16.0 – 33.0VRMS	0.117	0.180	0.297	0.398

Note: Candela is measured on axis; Multi-Candela settings have been derated approximately 25% for **amber** lens.

Details for Ordering

Model	Part Number	Description
ST-AMC-W-MNS-ALERT	S54301-Z73-A1	MNS Amber Strobe, multi Candela – Wall Mount, White – ‘ALERT’
ST-AMC-CW-MNS-ALERT	S54301-Z74-A1	MNS Amber Strobe, multi Candela – Ceiling Mount, White – ‘ALERT’
ST-AMC-RETRO-W-MNS-ALERT	S54301-Z77-A1	MNS Amber Strobe, multi Candela – Wall Mount, White [RETRO PLATE] – ‘ALERT’
ST-AMC-R-MNS-ALERT	S54301-Z83-A1	MNS Amber Strobe, multi Candela – Wall Mount, Red – ‘ALERT’
ST-AMC-CR-MNS-ALERT	S54301-Z84-A1	MNS Amber Strobe, multi Candela – Ceiling Mount, Red – ‘ALERT’
ST-AMC-RETRO-R-MNS-ALERT	S54301-Z87-A1	MNS Amber Strobe, multi Candela – Wall Mount, Red [RETRO PLATE] – ‘ALERT’
ST-MC-CNMA	500-636141	MNS Amber Strobe, multi Candela – Wall Mount, White – ‘ALERT’
ST-MC-RETRO-CNMA	500-636144	MNS Amber Strobe, multi Candela – Wall Mount, White [RETRO PLATE] – ‘ALERT’
ST-CMC-W-MNS-ALERT	S54301-Z93-A1	MNS Clear Strobe, multi Candela – Wall Mount, White – ‘ALERT’
ST-CMC-CW-MNS-ALERT	S54301-Z94-A1	MNS Clear Strobe, multi Candela – Ceiling Mount, White – ‘ALERT’
ST-CMC-RETRO-W-MNS-ALERT	S54301-Z97-A1	MNS Clear Strobe, multi Candela – Wall Mount, White [RETRO PLATE] – ‘ALERT’
ST-CMC-R-MNS-ALERT	S54301-Z103-A1	MNS Clear Strobe, multi Candela – Wall Mount, Red – ‘ALERT’
ST-CMC-CR-MNS-ALERT	S54301-Z104-A1	MNS Clear Strobe, multi Candela – Ceiling Mount, Red – ‘ALERT’
ST-CMC-RETRO-R-MNS-ALERT	S54301-Z107-A1	MNS Clear Strobe, multi Candela – Wall Mount, Red [RETRO PLATE] – ‘ALERT’

Note: For Model ST-MC Series appliances, which contain the word ‘FIRE’ on the faceplate, refer to data sheet, #2573.

Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product’s installation instructions.