



Weatherproof Strobe Signals

ADA Compliant

CS405-7A-T & CS405-8A-T

FEATURES

- > Low current draw synchronous strobe
- > Supervised wiring
- > Terminals for easy wiring
- > Red or white flame resistant housing
- > 15/75 candela output (-7A)
- > 110 candela output (-8A)
- > Weatherproof when used with Cat. No. 449 back box

The strobe is a high quality notification appliances intended for public mode applications in accordance with the latest edition of NFPA 72, National Fire Alarm Code. Suitable for indoor or outdoor applications. For outdoor use, the strobes must be installed with a weatherproof backbox, model 449.

The CS405 strobe is a visual signaling appliance for installations that operate in conjunction with an installed fire alarm panel and detection devices.

ACCESSORIES

Cat. No.	Description
449	Weatherproof back box

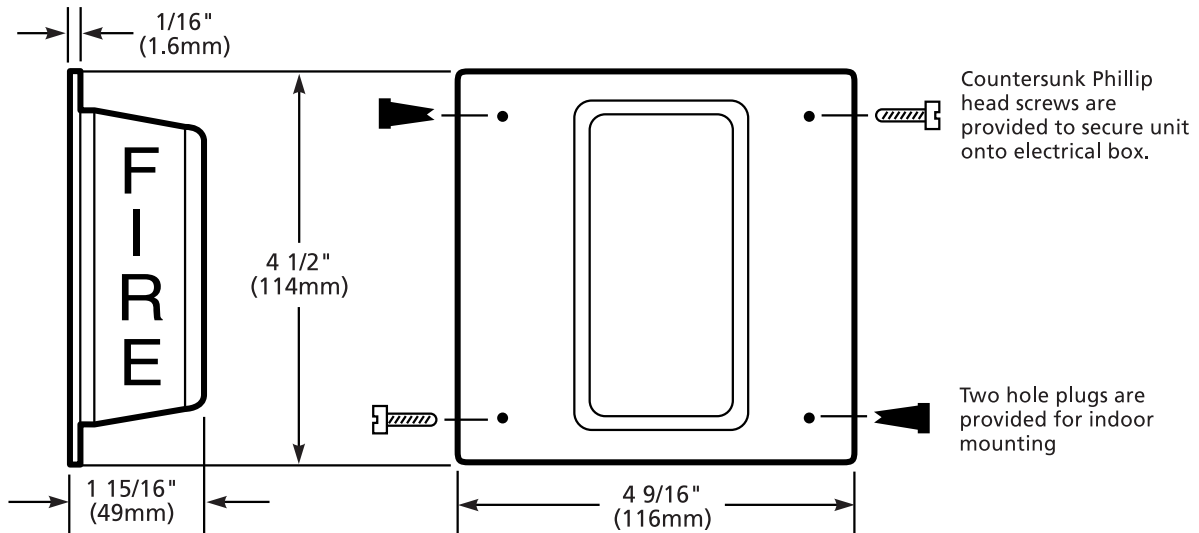
AGENCY APPROVALS

- > UL 1971 Listed
- > UL 1638 Listed
- > UL 464 Listed
- > Complies with ADA Code of Federal Regulation Chapter 28 Part 36 Final Rule

D-04



TECHNICAL INFORMATION



Catalog Number	CS405-7A-T*	CS405-8A-T*
UL 1638 Strobe Flash Output	75 cd	110 cd
UL 1971 Strobe Flash Output	15 cd Wall 15 cd Ceiling	110 cd Wall 60 cd Ceiling
Operating Voltage	20 to 24V DC Continuous	20 to 24V DC Continuous
Mean Operating Current ^{1, 2}	96 mA @ 24V DC 115 mA @ 20V DC	197 mA @ 24V DC 241 mA @ 20V DC
Peak Operating Current ²	204 mA @ 24V DC	338 mA @ 24V DC
Mean Operating Current FWR ³	79 mA @ 24V DC 97 mA @ 20V DC	338 mA @ 24V DC 202 mA @ 20V DC
Peak Operating Current FWR ³	446 mA @ 24V DC	788 mA @ 24V DC
Strobe Flash Rate	Synchronized at 1 flash per second (EG1M-RM sync module needed for UL 1971)	
Strobe Lens	Clear Lexan	
Wire Connection	Terminals, Polarized Input, #12 AWG	
Lens Markings	Red "FIRE" Vertical Both Sides (Wall Mount). Optional ceiling lens available (LKC-1)	
Faceplate Material	Steel w/baked epoxy powder-coat paint	
Mounting	Indoor: North American 4 in square electrical box; Outdoor: Edwards 449 Series weatherproof surface box	
Operating Environment	Indoor: 85% Relative Humidity @ 86°F (30°C); 32° to 120°F (0° to 49°C) Variable Ambient Temp. Outdoor: 93% Relative Humidity @ 86°F (30°C); -40° to 151°F (-40° to 66°C) Variable Ambient Temp.	

*Also available in white (-TW)

Note 1: Use the mean current to establish the maximum number of strobes, wire gauge, and standby power requirements. 2400 Series uses 24V DC. Fire Shield uses 20V DC FWR.

Note 2: From a FILTERED DC source.

Note 3: From an UNFILTERED (Full Wave Rectified) DC source.