

Job: \_\_\_\_\_ Type: \_\_\_\_\_  
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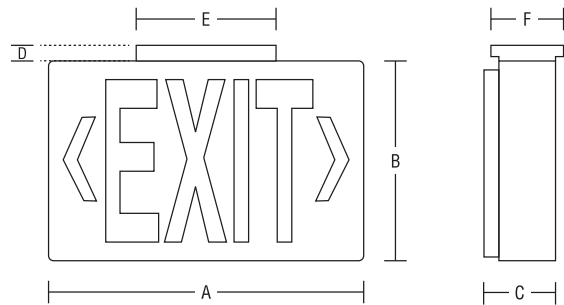
### ■ internal

The **FORTEZZA™ PLUS** has a 120/277V input. The maintenance-free, sealed nickel-cadmium batteries provide a minimum 90 minutes of emergency duration. Optional 120 minutes duration battery is available. Solid state charger, autotest, and transfer are standard on self-powered units. The self-powered version comes standard with an external LED status indicator and test switch.

### ■ external

The **FORTEZZA™ PLUS** is constructed from .420" thick, heavy duty cast aluminum. The faceplates are protected by high abuse clear polycarbonate, which is recessed into the housing. Tamper resistant screws are standard. The **FORTEZZA™ PLUS** comes in standard black finish (face and housing), white is optional. Single, double or universal face versions must be specified.

### ■ dimensions (in,mm)



Series	A	B	C	D	E	F
FTZ	14"	9"	2.5"	1"	6.25"	6.13"
	356mm	229mm	64mm	25.4mm	158.75mm	155.7mm

### ■ ordering information

EXAMPLE: FTZ SA LR1 U PLUS BB

Series	Model	LED	Face No.	Mounting	<b>+</b> Plus	Options
FTZ	HT (AC only)	LR (red)	1 (single)	U (universal)	PLUS	120SA (120 minute emergency)
	SA (self-powered)	LG (green)	2 (double)	U (universal)		2CK (dual-circuit - HT only)
						AT (autotest - for SA model only)
						BB (black housing/black face - standard)
						FAI <sup>1</sup> (fire alarm interface)
						FL <sup>2</sup> (flashing alarm, requires AT)
						IH <sup>2</sup> (internal heater)
						LT <sup>3</sup> (low temperature to -40°C)
						PK <sup>4</sup> (pendant ready)
						SW <sup>5</sup> (special wording- specify)
						UDC (6-24VDC input)
						WW (white housing/white face)

### ACCESSORIES

- STEM12B<sup>4</sup> (12" pendant stem, black)
- STEM12W<sup>4</sup> (12" pendant stem, white)
- STEM24B<sup>4</sup> (24" pendant stem, black)
- STEM4W<sup>4</sup> (24" pendant stem, white)

NOTE 1: Available for SA with AT option; Specify type of fire alarm signal: normally open, normally closed or 6, 12, 24VDC (specify voltage used)  
 NOTE 2: Available for SA models only with AT option; specify input voltage  
 NOTE 3: Available for SA models, 120V only  
 NOTE 4: Pendant mount requires pendant ready option and pendant stem accessory (must use canopy to maintain IP66 rating); Consult factory for other stem lengths (12", 24" and 48" are standard stem lengths)  
 NOTE 5: For the BLACK OUT feature specify (BO) after the special wording (SW) option

## ■ electrical

**BATTERY:** The **FORTEZZA™ PLUS SA** is designed with a maintenance free, sealed nickel-cadmium battery providing a minimum emergency duration of 90 minutes. Optional 120 minute nickel-cadmium batteries are available. Recharge time of the battery is twenty-four [24] hours. The maximum battery operating temperature is +45°C and the minimum is +10°C without internal heater/thermostat option. With the internal heater/thermostat (IH) option, the minimum operating temperature is -20°C. The low temperature (LT) option reduces the minimum operating temperature to -40°C.

**CIRCUIT:** The **FORTEZZA™ PLUS** is configured with high output LEDs lamps. LED is standard with 120/277V input. All LED versions consume less than 2 watts nominal power. The charger also has brownout and short circuit protection.

## ■ specifications: mechanical

The **FORTEZZA PLUS** is constructed of extra heavy duty cast aluminum with a 1/8" thick polycarbonate protective shield. Tamper resistant screws are standard. Field adjustable chevrons are standard. The **FORTEZZA PLUS** is standard in an attractive matte black finish. The polycarbonate face shield is recessed into the housing making the **FORTEZZA PLUS** one of the most rigid, yet attractive high abuse signs on the market.

## ■ installation

The **FORTEZZA PLUS** is supplied with a versatile universal mounting canopy that allows for on sight choice of wall, ceiling or end mounting. Suitable for indoor, outdoor, damp or wet location applications.

## ■ autotest

The **FORTEZZA PLUS SA** can be configured with the Beghelli autotest diagnostic system. Featuring continuous monitoring of the units main components (battery, charger, transformer & LEDs) and providing instant visual verification of the status.

- Red: Battery or Circuit Malfunction
- Yellow: Lamp Malfunctioning
- Green: Normal Operation

## ■ vandal resistant design

The heavy duty design and low profile of the **FORTEZZA™ PLUS** exit warns potential vandals that this is no regular sign. The stencil is protected by a 1/8" thick, impact resistant polycarbonate shield that is recessed into the housing and fastened with 4 tamper resistant screws. The **FORTEZZA™ PLUS** offers a contemporary look and durability like no other.

## ■ self-powered

The **FORTEZZA™ PLUS** self-powered series is designed to operate on battery power in the event of a power failure. Both battery and charger are completely contained within the standard enclosure. The **FORTEZZA™ PLUS** self-powered series utilizes a solid state transfer technology that eliminates the possibility of relay failure due to particle build up on the relay. status is easily determined via an LED that indicates AC-ON.

## ■ sanitation listed

The Beghelli **FORTEZZA™ PLUS** is sanitation approved. The Intertek verified splash zone listing is certified to the NSF standard 2, meeting the rigorous sanitation, electrical safety and performance standards of food service environments.

## ■ warranty

The **FORTEZZA PLUS** comes with a 5-year factory warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.