

Designation: F967 - 03 (Reapproved 2018)

Standard Practice for Security Engineering Symbols¹

This standard is issued under the fixed designation F967; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

- 1.1 This practice utilizes symbols to depict security systems and equipment requirements for architectural or engineering drawings that are produced either manually or by computer aided design (CAD). The symbols depicted include some symbols that have already been somewhat universally accepted or that have already been adopted by a standards-writing body, such as by the National Fire Protection Association.
- 1.2 It is not proposed that all of the symbols need to be utilized since the level of detail required for drawings is likely to vary. Generic symbols of a class of security device may be sufficient in some instances. Moreover, the need to provide a measure of security in the actual drawing may also suggest a need to utilize a generic symbol rather than to depict the exact device being installed.
- 1.3 In the event that a greater level of detail is required, it is possible to combine many of the symbols to create new symbols that achieve the desired level. While some combinations of symbols are shown, it would be impractical to attempt to depict every conceivable combination of symbols. It is also the intent of this practice that the symbols be capable of being continuously expanded and modified as the industry state of the art changes or as emphasis varies. For example, little attention is given to document security in the security symbols since such requirements are not generally fully met during construction periods but are rather developed and provided for subsequently. Since much of this equipment is not installed but is "placed," such as furniture, there is only one symbol proposed (for example, for document shredders).
- 1.4 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.

1.5 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

2. Keywords

2.1 computer aided design; security engineering; symbols

1. ANNOTATION

I. ANTOTATION				
	Existing Equipment			
POINT	Point and Zone Indicator			
ar <u>ds.it</u> e Previe	Connection Between Devices (for example, button and lock)			
DETAIL \$21 SHEET SECURITY 21	Detail and Reference Drawing			
214-41 (123) b73	Door Number (if more than one door in room, 2018 use sub-letter)			
1302	Room or Space Number			
123	Device Number (reference device schedule)			
C B A	Device Reference A = Drawing Sheet B = Detail C = Device /Zone Number			

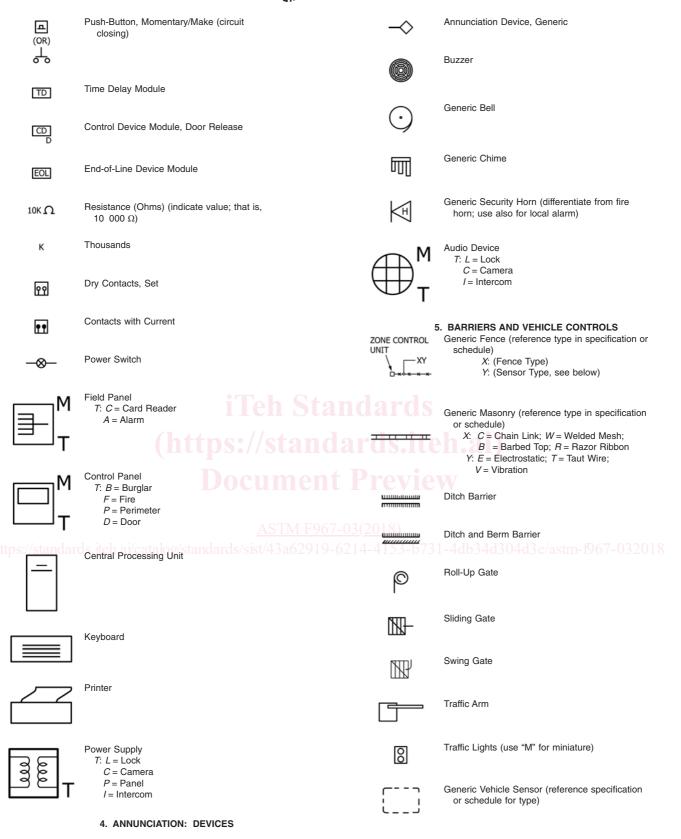
^{2.} ACCESS CONTROL

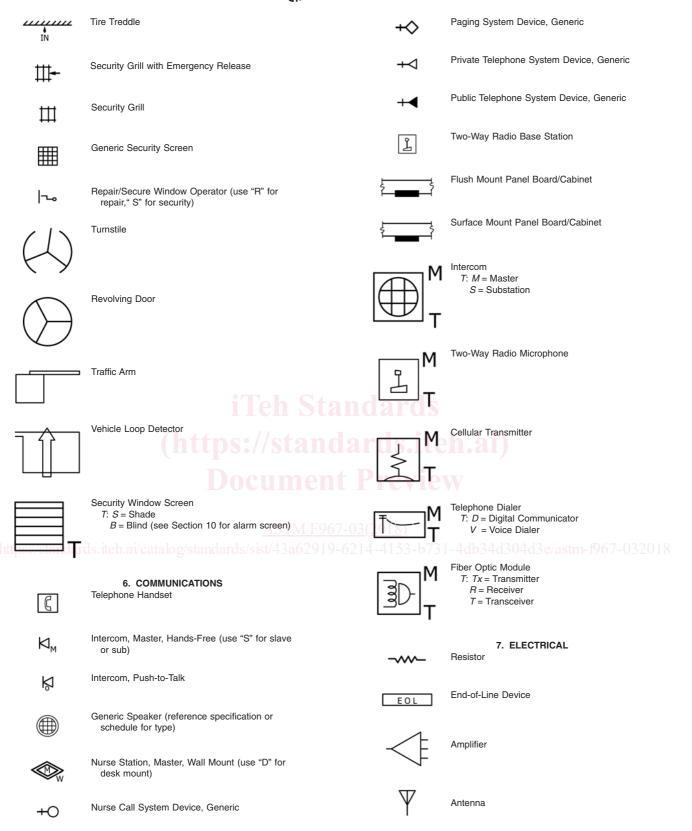
Generic Card Reader (reference door schedule or specifications for type): *P* = pedestal mount

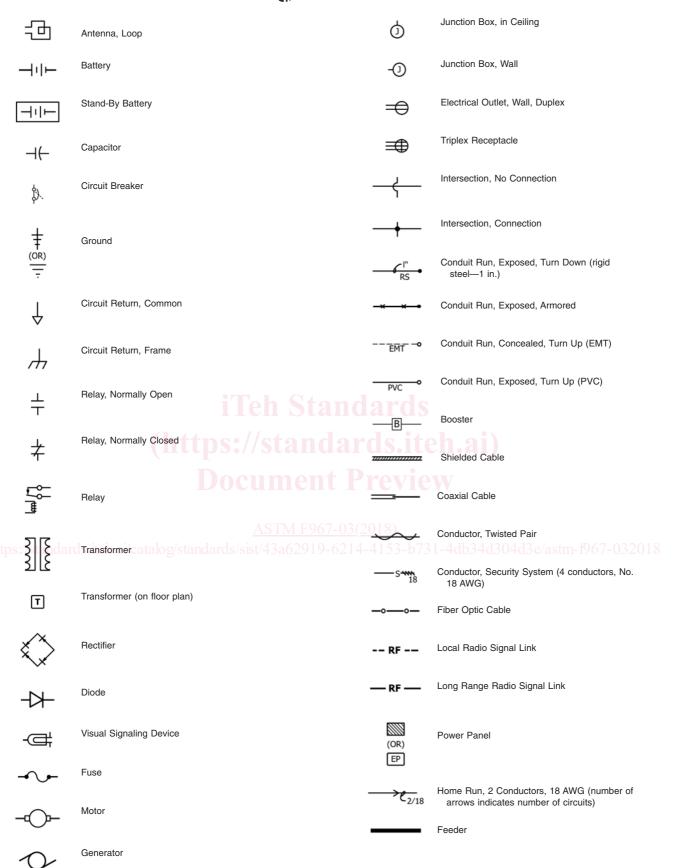
¹ This practice is under the jurisdiction of ASTM Committee F12 on Security Systems and Equipmentand is the direct responsibility of Subcommittee F12.10 on Systems Products and Services.

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000	Card Reader with Touch Pad	\prod^{M}	Keypad Device
d	Token-Type Access Control		
0	CCTV and Card Reader	M	Card Reader with Keypad
	CCTV and Intercom	M	Card Reader with Time and Attendance
	Split Lens CCTV with ID Card Receptacle		
	Apartment Type CCTV with House Phone and Touch Pad (insert "K" "O	Q	3. ANNUNCIATION: CONSOLE/PANEL Strip (Tallyroll) Printer
-√-	Biometric Access Control Device (reference door schedule or specifications for type)		Printer
000	Touch Pad Lock or Device, Mechanical or Electronic (reference door schedule for type)	[280]	Time Clock with Card Reader
\bigcirc	Turnstile (reference door schedule for type and function)		Central Processing Unit
J	Post and Rail (rope)	CRT	CRT (cathode ray tube/display)
X	Generic Screening Device X: M = Metal Detector E = Explosive Detector X = X-ray ASTM F967-03(2018)	Static Map Display (for dynamic map display, use CRT symbol)
	T = Tag Detector (EAS) mdards/sist/43a62919-6214	73	Keyboard 4d3 04d3 e/astm-f967-032018
-}-	Sally Port	\oplus	Jeweled Signal Light
nin	Indicating Interlocking Doors Indicating Space is a "Man-Trap"	OR (OR)	Panel Light Indicator (R = Red, A = Amber, W = White, V = Violet, G = Green, Y = Yellow, B = Blue, O = Orange)
М	Card Access Reader B = Barcode W = Wiegand	п	Multiplex Panel
\Box _T	P = ProximityM = Mag StripeF = Elevator Floor Call		Panel Sound Indicator
	H = Elevator Hall Call $T =$ Token $S =$ Smart Card	⊗	Panel Sound and Light Indicator
T^{M}	Biometrics Access Control Device H = Hand Geometry F = Finger Print V = Voice R = Eye Retina I = Eye Iris	æ	Reset







—M—	Manhole		Fluorescent Fixture, Ceiling Mount
۰ ۰,۰ ۰	Rotary Switch	\otimes	Dedicated Security Lighting, Low Pressure So- dium (use other designators for other types, that is, MV = mercury vapor)
	Toggle Switch, SPST	→	Minimum Foot-Candles or Lamberts this Area
	Toggle Switch, SPDT	(\	Spotlight/Floodlight
ORO A	Nonlocking, Momentary Circuit Closing (make)	Ç	Outdoor Strobe Light
o → OR o ▼	Nonlocking, Momentary Circuit Opening (break)	T	Illuminate this Area
ORO L	Transfer	(////)	Infrared Illuminator
OR OR	Locking, Circuit Closing (make)		indice manifector
OR OR	Locking, Circuit Opening (break)	φ	Street Light, Pole-Mounted
	Form A, SPST, N.O. Teh Stand		9. MISCELLANEOUS Security Container; Safe; File Cabinet
\mathbb{N}	Form B, SPST, N.C. (https://standar	iarus Us.iu	Document Destroyer
\mathbb{N}_{2}	Form C, SPDT Document P	revie	Safe, Tack-Welded to Structural Member
^	SPST (Single-Pole, Single-Throw) ASTM F967-03(2)	⊡ 2018 <u>)</u>	
tpsa_dar	SPDT (Single-Pole, Double-Throw) /SIST/43a62919-6214	-4155-b731	Signage 1-4db34d304d3e/astm-f967-032018
^^ 	DPST (Double-Pole, Single-Throw)	O	Bar/Grill/Seal this Location
~~ ; ~	DPDT (Double-Pole, Double-Throw)	•	Timer
		=-	Gun Port
- \$ -	8. LIGHTING Incandescent Light Fixture, Flush, Ceiling Mount		10. SENSORS Generic Volumetric Motion Sensor (Mono)
	Incandescent Light Fixture, Flush, Wall Mount	\bigwedge	X: M = Microwave I = Passive IR U = Ultrasonic D = Dual Tech
-\$-	Incandescent Light Fixture, Surface, Ceiling Mount	B _* €1,	Generic Volumetric Beam Sensor (Bi-Static) X: M = Microwave I = Infrared
- \$-	Incandescent Light Fixture, Surface, Wall Mount	RECEIVE TRANSMIT	P = Photo-cell