



CAMDEN DOOR CONTROL RELAYS

DESCRIPTION	CX-33	EMF-2	CX-12	SA-1	NOTES
MODES:					
No. of Applications/ Modes, including:	14	7	4	2	
• Make/Break relay (switching network)	Yes	No	Yes	Yes	Most common door control application
• Apartment/Condo Interfone connection	Yes	No	Yes	No	Eliminates need for separate isolating relay
• Bi-directional door sequencer	Yes	Yes	No	No	Utilizing one relay can reduce cost.
• Restroom applications (#) (including dedicated output for signage)	Yes (2*)	Yes (3*)	No	No	*Includes both normally unlocked & locked washroom applications (also 2 door interlock application available using the EMF-2)
• Latching relay modes	Yes	Yes	No	Yes	aka - Impulse, sequence, or alternate action.
• ATM Vestibule control	No	Yes	No	No	Exterior door control on Banks, etc.
• Dedicated Airlock modes (# of doors)	Yes (2)	Yes (5)	No	No	Prevents more than 1 door open at a time.
• 2 Door Mantrap	No	Yes	No	No	True mantrap application
• New! Lock-Down Mode	Yes	No	No	No	Applications include Schools, and high profile buildings
• New! Delayed Egress mode	Yes	No	No	No	Ideal for warehouse rear emergency exits
SPECS:					
No. of Adjustable Time Delays (Type)	6 (digital)	5 (analog)	3 (analog)	3 (analog)	Digital ensures greater accuracy. Larger number of timers = greater flexibility.
Adjustable delay-on- activate feature	Yes	No	No	No	Also called a "nuisance delay"
Quantity & Type of Inputs	5 (1 Wet, & 4 Dry)	8 (7 Dry, & 1 Digital)	4 (2 Wet, & 2 Dry)	3 (1 Wet, & 2 Dry)	Larger number of inputs allows greater flexibility
User selectable N/O or N/C Inputs	Yes	No	No	No	Camden exclusive feature
Simultaneous user selectable momentary, maintained & latching inputs	Yes	Yes	No	Yes	Allows for most flexibility
No. of outputs & Relay rating	3 Form 'C' @ 3 Amps each	5 Form 'C' @ 3 Amps each	2 Form 'C' @ 3 Amps each	2 Form 'C' @ 2 Amps each	Capable of switching larger loads such as magnetic locks & electric strikes
12 – 24 V AC/DC Input Power	Yes	Yes	Yes	Yes	Very stable, forgiving and reliable
Case / Protection	Clear Plastic	Grey Plastic	Paper Wrap	Paper Wrap	Better protection in cramped headers
Dimensions	6" x 2" x 7/8"	6 7/8" x 2 7/8" x 7/8"	3 1/4" x 2 1/4" x 5/8"	4 1/8" x 3 1/2" x 5/8"	* Most compact size in the industry