Access Control Modules

734B

734N-POE

734

1134

734N
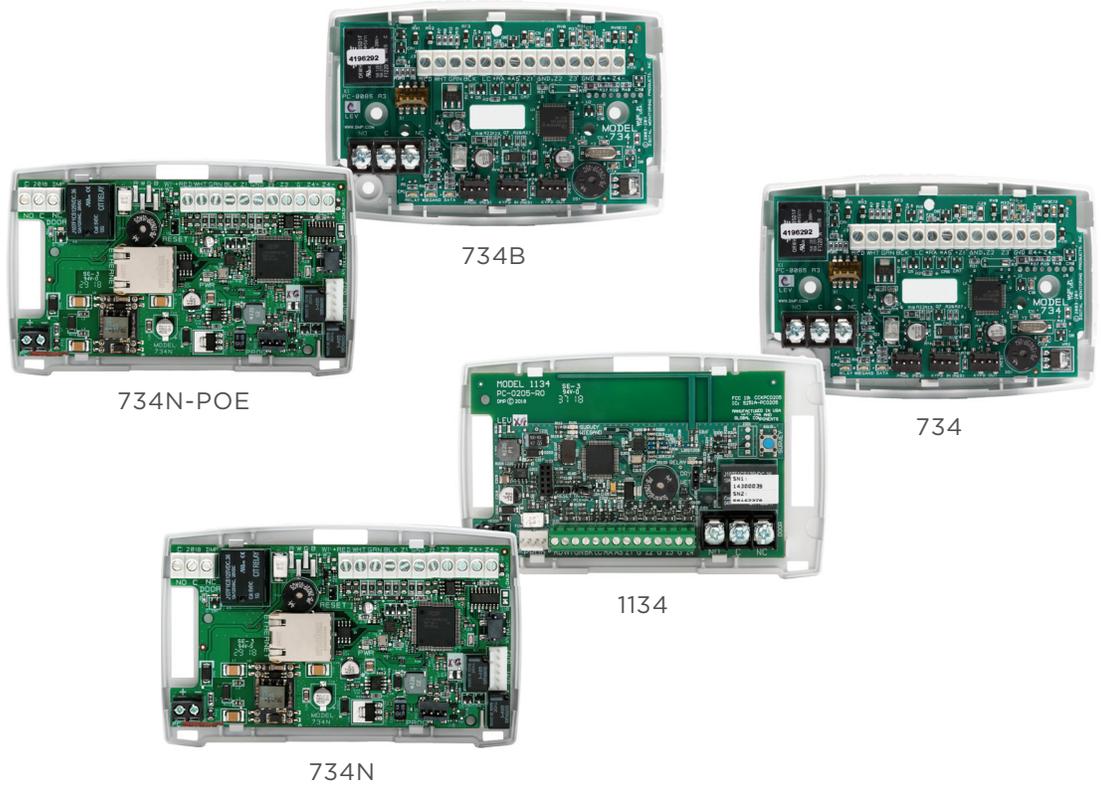
OSDP and Wiegand Support

▸ Adds access control capabilities to XT and XR Series panels

▸ 734 connects using four-wire keypad or AX Bus™

▸ 734N connects using an IP network for XR Series

▸ 734N-POE connects using a single network cable that's attached to a Power over Ethernet switch for XR Series

▸ 1134 connects wirelessly using DMP 900 MHz Two-Way Wireless

▸ 734B adds BIN code support to limit access to customers with valid bank cards for XR Series

▸ Fast door access via 10/100 network, 900 MHz or data bus

▸ Directly connect proximity readers and smartcard

Features

▸ Connect door lock, power and reader technology to add access control to the XT and XR Series panels

▸ XR150 supports eight doors and XR550 supports 32 doors, expandable to 96

▸ Provides four programmable zone inputs

▸ Programmable door entry strike time allows for 1-250 seconds, 0 strike time for toggle action

▸ Armed status output for armed display at entry door

▸ Connect motion detectors, mechanical switches or other devices for a Request-to-Exit (REX) feature

▸ Remote sounder output for local annunciation

▸ Provide codeless entry plus system arming and disarming using DMP access cards or credentials; or customizable for other credentials

▸ Works with proximity and smartcard/high security

▸ Supports up to eight different card formats

▸ Custom cards allow for 1-255 bits, max 40 bits for card number

▸ Keypad programmable zone bypass, card reader and relay action operations

▸ Built-in 10-amp Form C (SPDT) door release relay

▸ Built-in optional piezo alert sounder

▸ 734, 734N and 734N-POE supports OSDP readers

▸ The 734N Series modules provide two auxiliary relay outputs for door prop applications

▸ The 734N uses network cabling to provide access control for fast and flexible installations

▸ The 734B BIN code support for bank ATM vestibules and lobbies

▸ 1134 offers wireless access control to speed installation and save on wire costs

MODULE DESCRIPTION

Supplies a Form C (SPDT) Door Strike relay, built-in piezo with remote annunciation output, data to panel LED and a four-position terminal for connecting external Wiegand format proximity smartcard/high security readers. Includes model 333 suppressor for eliminating transient spikes due to relay switching. Each module provides four programmable protection zones for a variety of burglary and access control applications.

PROGRAMMING OPTIONS

You have flexibility to: set door release activation time for REX, turn the built-in piezo speaker on or off, read custom user card numbers, identify relay action modes and define custom Wiegand bits. You can also set site code position and user code position as well as offline operation mode and select from Wiegand or OSDP readers and more.

EASY ENTRY™ FEATURE

When an access card or prox key is presented to a reader, the reader transmits the data to the module. The module validates the user's code against panel programming and, if authorized, the panel activates the Form C door release relay. It also arms or disarms, if programmed for those functions.

XR PANEL FUNCTIONALITY

Add a 734 Series device to provide fully featured access control integrated into the intrusion detection system. DMP devices grant access into an area based on schedule, authority, profile and other programmable controls designed to allow you to tailor the system to meet the requirements of nearly any application.

XT PANEL FUNCTIONALITY

Add a 734 module to the keypad bus of an XT Series panel to provide basic access control by allowing authorized users to open a door anytime their cards are presented to the reader.

DOOR CONTACT ZONE BYPASS

If the module is releasing an electric strike or magnet on a protected door, a time bypass can be provided. The bypass timer is programmable, allowing users from 20 to 250 seconds to exit through the protected door without setting off an alarm. If the door is open at the end of the bypass timer, a fault generates on Zone 2.

CONTROL ACCESS TO SPECIFIC AREAS

Users simply present their card to the reader to arm or disarm the system or open doors in those areas for which they are authorized.

ZONE 3 REQUEST-TO-EXIT

You can also connect a REX device, such as a motion detector or a mechanical switch, to the module Zone 3 to provide REX capability to the system. After a user trips the REX detector or switch, the Form C relay releases the door, allowing the user to exit without setting off an alarm.

OSDP OR WIEGAND OUTPUT

The 734 Series supports virtually any 26-40 bit Wiegand output credential reader as well as OSDP readers. This includes 125 kHz prox, 13.56 MHz smartcards, biometric scanners, mobile Bluetooth credential, and mobile wallet credential readers. This allows you to meet the demanding requirements of today's access control market.

EXPORT CONTROL

The 734N and 734N-POE use AES encryption, and any export beyond the United States must be in accordance with Export Administration Regulations.

734 ACCESS CONTROL MODULE

The 734 module allows you to connect proximity readers to the panel to provide codeless entry, arming and disarming using access control readers. The 734 can communicate to the panel via the keypad bus or AX Bus. In addition, the 734 also includes:

- Four programmable zones
- 10-amp Form C(SPDT) door strike relay
- Built-in piezo
- Remote annunciation output
- Three indicator LEDs
- Support for Wiegand readers
- Support for OSDP readers
- Up to 96 per XR550 panel

734N NETWORK ACCESS CONTROL MODULE

The 734N module takes advantage of customers' pre-wired network cabling to speed installation or easily install in outlying areas that network is already located. It provides codeless entry plus system arming and disarming using DMP access cards or credentials; or customizable for other credentials. It also provides programmable door entry strike time allows for 1-250 seconds, two auxiliary relay outputs, 12/24 VDC Power and built-in 10 Amp Form C (SPDT) door release relay. In addition to the standard 734 module features, the 734N also provides:

- Network cable connection
- Two auxiliary relay outputs
- Separate power input

734N-POE NETWORK ACCESS CONTROL MODULE

The 734N-POE provides the standard features of the 734N while supporting the use of Power over Ethernet. With POE, there's no need for a separate power supply for the strike relay as it is provided by the network. It can also support powering a reader and electronic strike with 750 mA of auxilliary power.
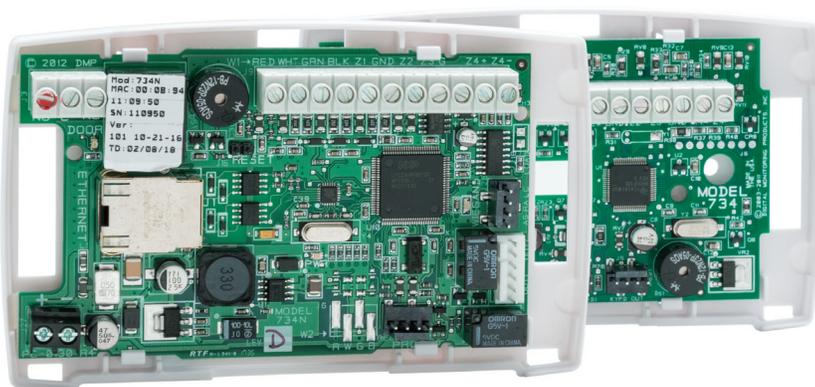
1134 WIRELESS ACCESS CONTROL MODULE

This module allows you to use the powerful built-in access control capability of DMP panels with DMP's 900 MHz Two-Way™ Wireless. DMP panels provide access control, arming and disarming using proximity, magstripe, biometric or other Wiegand-output authentication devices. The 1134 connects and operates wirelessly with DMP panels. A keypad may be plugged directly into the 1134 for local programming. Building on the 734 module features, the 1134 also provides:

- Power 1134 from local lock power
- Up to seven each 1134s per panel

734B BIN-CODE ACCESS CONTROL MODULE

Taking advantage of the 734 programming and operation, the 734B access control module also allows you to take advantage of BIN code support to suit a bank's access control needs. The 734B compliments the rest of DMP's access control modules by using the powerful built-in access control capability of the XR Series panels. Just like every other 734 module, it provides easy installation and programming while still using the four onboard zones, LED control and remote annunciator terminals.

SPECIFICATIONS

734

Primary Power	8.5 VDC to 28.5 VDC
Current Draw	
Standby	240 mA (Includes 200 mA for proximity reader)
Alarm	260 mA (Includes 200 mA for proximity reader)
Form C Relay	35 mA at 12/24 VDC
Zones	5 VDC, 2 mA max
Dimensions	4.5″ W × 2.75″ H × 1.75″ D

734N

Primary Power	8.5 VDC to 28.5 VDC
Current Draw	
Standby	346 mA at 12 VDC (Includes 200 mA for proximity reader)
Alarm	348 mA at 12 VDC (Includes 200 mA for proximity reader)
Form C Relay	35 mA at 12/24 VDC
Zones	5 VDC, 2 mA max
Dimensions	4.5″ W × 2.75″ H × 1.75″ D

734N-POE

Primary Power	8.5 VDC to 28.5 VDC
Current Draw	
Standby	346 mA at 12 VDC (Includes 200 mA for proximity reader)
Alarm	348 mA at 12 VDC (Includes 200 mA for proximity reader)
Form C Relay	35 mA at 12/24 VDC
Zones	5 VDC, 2 mA max
Dimensions	4.5″ W × 2.75″ H × 1.75″ D

1134

Primary Power	8.5 VDC to 28.5 VDC
Current Draw	
Standby	220 mA (Includes 200 mA for proximity reader)
Alarm	230 mA (Includes 200 mA for proximity reader)
Form C Relay	35 mA at 12/24 VDC
Zones	5 VDC, 2 mA max
Dimensions	4.5″ W × 2.75″ H × 1.75″ D

734B

Primary Power	8.5 VDC to 28.5 VDC
Current Draw	
Standby	240 mA (Includes 200 mA for magstripe reader)
Alarm	260 mA (Includes 200 mA for magstripe reader)
Form C Relay	35 mA at 12/24 VDC
Zones	5 VDC, 2 mA max
Dimensions	4.5″ W × 2.75″ H × 1.75″ D

Compatibility

Proximity Credentials

1306	Prox Patch™
1326	Proxcard® II Card
1346	ProxKey® III Access Device
1351	ProxPass®
1386	IsoProx® II Card
CSK-2	MIFARE® DESFire® EV2 Key Fob
CMC-2	Conekt Mobile Access Credential
PSC-1	Standard Light Proximity Card
PSK-3	Proximity Key Ring Tag
PSM-2P	Imageable Proximity Card
CSM-2P	MIFARE® DESFire® EV2 Smartcard

External Proximity Readers

PP-6005B	ProxPoint® Plus Proximity Reader
MP-5365	MiniProx™ Proximity Reader
PR-5455	ProxPro® II Proximity Reader
MX-5375	MaxiProx® Proximity Reader
P-300-H-A	Cascade Prox Reader
P-500-H-A	Alps Prox Reader
P-620-H-A	Denali Prox Reader & Keypad
P-640-H-A	Patagonia Prox Reader & Keypad
DELTA3/DELTA3-OSDP	Mullion Smartcard Reader
DELTA5/DELTA5-OSDP	Single Gang Smartcard Reader
DELTA6.4/DELTA6.4-OSDP	Single Gang w/ Pin Pad Smartcard Reader
CSR-35/CSR-35-OSDP	Conekt Bluetooth & Smartcard Reader
SR3	SR3 Bluetooth Reader
ET10-7WS	Mullion Multi-technology Reader
ET20-7WS	Single Gang Multi-technology Reader

Ordering Info

734	Access Control Module
734N	Network Access Control Module
734N-POE	Network POE Access Control Module
1134	Wireless Access Control Module
734B	BIN Code Access Control Module

For approval information, please visit DMP.com/Resources/Compliance-Notes.

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