



ATMOD – DATASHEET

Advanced Termination Module

The ATMOD is a quick-connect EOL resistor pack that works with standard security cables and devices.

Save labour costs and eliminate installation mistakes.

Available in common EOL values to suit most security panels.

Applications

- New alarm or access control installations
- Service replacement of old resistor networks
- System upgrades

Features

- Quick-connect, push-in terminals
- Colour coded insulation
- Pre-built PCB with surface mount resistors
- Tab to indicate correct orientation
- Rugged, insulated construction
- Tiny size fits inside most alarm devices, door frames and duct



Benefits

Reduced labour cost is the major benefit of using the ATMOD. Installation time is cut dramatically and zero time will be spent rectifying incorrectly installed or broken resistor networks: **NEVER GET EOL RESISTORS WRONG AGAIN.** A new apprentice or other staff with no experience can install the ATMOD quickly with little or no supervision and minimal tools.

Further labour savings can be made by fitting the ATMOD to field devices in the workshop prior to site work. Installation on site is then much more efficient; just terminate the alarm cable directly to the ATMOD.

Termination

The ATMOD can easily be terminated to most types of alarm cabling, including multi core security cable and fly leads from reed switches, electric locks and exit buttons. Connections to devices without fly leads, such as a break glass unit, is as simple as taking a few seconds to strip short pieces of cable to act as fly leads between the ATMOD and any device with terminals.

The special high quality terminal blocks allow stripped wires to be pushed directly into the connector without the need for a terminal driver. A spring clamps the conductor making a sound connection that will outperform traditional methods especially in areas prone to movement or extremes of temperature as the spring clamp method imparts a constant ideal pressure on the conductor irrespective of wire size. Wires can be easily removed using a small terminal driver.

A small tab indicates the end of the ATMOD that should be connected to the alarm device. The ATMOD can be reused several times.

Specifier Text

End of Line EOL resistor circuits shall be used and enclosed within the alarm device or as close to the alarm device as possible. EOL resistors must be concealed from view and not easily accessible. The same EOL resistor value shall be used throughout the facility.

Off the shelf, quick connect, professional EOL resistors packs shall be used. The resistor packs shall be colour coded to indicate the resistor value and feature a circuit orientation indicator.

EOL resistor circuits using discrete axial resistors shall be avoided. Axial resistors shall only be used in devices such as motion detectors where a tamper contact must be monitored and built-in EOL resistors are not available. Axial resistors terminated with crimp connectors or floating terminal strip shall be rejected.

ARK – ATMOD Ruggedisation Kit

The ARK contains tough, adhesive lined, polyolefin tubing that adds mechanical protection and weather resistance to ATMOD terminations.

The tubing is placed over the ATMOD and cable then heat is applied to activate the adhesive and shrink the tubing.

Each kit includes 8 large tubes suitable for covering the ATMOD and standard alarm cable. 16 smaller tubes are supplied to help provide a seal around smaller conductors.



Technical Data

Minimum conductor size	.2mm ² (24AWG)
Maximum conductor size	.5mm ² (20AWG)
Dimensions V2/V3	24 L X 7 W X 8 H (mm)
Dimensions V4*	20 L X 7 W X 8 H (mm)
RoHS	Compliant
AUS/NZ (RMC-EMC) 61000.6.3	Compliant
Primary materials	Polyamide 46, fiberglass, polyolefin
Country of origin	China

Ordering Code

ATMOD18	180Ω/300Ω	PCSC	White
ATMOD01	1K/1K	Protégé, Mercury, Genetec, Lenel, Avigilon C•Cure	Black
ATMOD22	2K2/2K2	Integriti, Inception	Green
ATMOD68	2K2/6K8	Concept	Blue
ATMOD47	4K7/4K7	Gallagher	Yellow
ATMOD10	10K/10K	Tecom, Pacom, CS Technologies	Red
ATMOD680	680Ω/680Ω	Dormakaba	Grey
ATMOD122	1K/2K2	CEM	Grey/White
ATMOD33	3K3/3K3	Reliance	Brown
ATMOD374S	3K74	Reliance	Brown/Purple
ATMOD698S	6K98	Reliance	Brown/Blue
ATMOD33S	3K3	Reliance/Bosch	Brown/Black
ATMOD68S	6K8	Bosch	Brown/White
ATMOD36	6K8/3K3	Bosch	Brown/Orange
ATMOD2R	ATMOD with 22K/22K resistors**	Siemens	Orange
ATMOD-S	ATMOD with resistor values to suit your application, contact Jack Fuse		
ARK	ATMOD Ruggedisation Kit to suit 8 ATMODs.		

*ATMOD-2R suits Siemens systems when mounted in reverse. That is, tab to security panel.

**Note: Version 4 will replace V3 as stock is exhausted.

More Information: For complete install notes, data sheets and technical support please visit www.jackfuse.com

Become a **Jack Fuse Product and Power Certified Technician**. Free training available online.

