

Fire detection and evacuation solutions that save lives.

Ampac Addressable Door Holder

- ✓ Loop Powered
- ✓ Installation Savings
- ✓ Built in Short Circuit Isolator
- ✓ Patented Permanent Magnet Technology
- ✓ 200N Holding Force
- ✓ Compatible with FireFinder Plus & LoopSense
- ✓ Failsafe Design
- ✓ Suitable for Installation to BS 7273-4



Product Overview

The Ampac Addressable Door Holder/Retainer is an XP95 device that has been designed for installation directly onto an addressable loop without the need for remote power supplies or associated interface units. This allows for minimal building disruption on retrofits and refurbishments by reducing the number of installed components while maintaining complete control over fire evacuation scenarios.

The ADH incorporates an integral loop short circuit isolator, dual device status LED indications and manual override release switch. The device can be assigned a loop address number using integral switches and can be configured to operate under failsafe conditions.

Patented permanent magnet technology results in minimal current being required to hold doors open. Suitable for use on most fire doors, including critical actuation doors, the ADH can be mounted semi-flush, surface or floor mounted using a suitable mounting bracket. Direct connection to the fire panel makes the ADH a Category A fire door holder, as defined by BS 7273-4.

Short Circuit Isolator Specification

Isolate voltage - V_{so}	13-16Vdc
Reconnect voltage - V_{sc}	12-14Vdc
Continuous current - $I_{c\ max}$ (switch closed)	1A max
Continuous switching - $I_{s\ max}$	3A max
Maximum leakage current - $I_{L\ max}$	300 μ A

Specifications

Operating Voltage	21 to 35V dc (nominal voltage 27Vdc)
Protocol Pulses	5 - 13V
Protocol	XP95
Quiescent current @ 27Vdc	3.2mA
Rated Holding Force (N)	200N
Status Indicator	Flashing Green – Normal Operation Amber On – Loop Interface Fault Flashing Amber (1s) – General Fault Flashing Amber (5 s) – Charging
Protection Rating	IP3X (indoor use only)
Material	ABS/Metal
Operating Temperature	0°C + 40°C
Humidity	0 to 95% RH (no condensation or icing)
Dimensions Mechanism	88mm W x 88mm H x 83mm D
Dimensions Door Keeper	70mm W x 70mm H x 42mm D
Weight	515g
Standards & Approvals	AS ISO 7240.17:2021 AS ISO 7240.18:2018 EN 54-17:2005 EN 54-18:2005 EN 1155:1997
Initialisation & Self-check	45 Minutes (typical)
Patent #	European : EP1799944 UK : GB2450991
Release - Hold Cycle	8 seconds (will release within 3 secs)

Item Number

4101-1007

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