

A100-DLM

DOOR LOCK MONITOR



DOOR LOCK MONITORING MADE EASY

The A100-DLM Door Lock Monitor is the quickest and most cost-effective solution to bring any elevator system into compliance with ASME 17.3 Section 3.10.12

Each input of the A100-DLM is software configurable and can handle up to 300V AC/DC. This makes it compatible with any controller - without the hardware configurations required by other devices. As a result, the A100-DLM is the go-to solution for large OEMs and contractors who want a universal solution compatible with their varied customer install base.

* COMPACT SIZE

Measuring 4.1" x 3.3" x 2.1", the A100-DLM mounts directly inside the controller cabinet. This eliminates the need for routing electrical conduit or sourcing additional enclosures.

* A UNIVERSAL SOLUTION

Compatible with all controllers including Dover, EC, Fujitec, KONE, MCE, OTIS, Schindler, ThyssenKrupp (TK), Virginia Controls and Westinghouse—just a few of the many it has been installed on.

* NO WIRING MODIFICATIONS

The only solution that does not require the door locks and gate switches to be unwired from the controller. The result is faster installations with elevator wiring as close to the original as possible.

* EASY WIRING VERIFICATION

The beautiful graphical user interface provides visual indication of each signal coming into the A100-DLM. This allows for easy identification and correction of any wiring or configuration issues.

* FUTURE-PROOFED

Unlike competing devices that rely on hardware logic, the A100-DLM is firmware-based. This means it can be easily updated to meet future regulation changes, ensuring ongoing compliance.

* ENERGY EFFICIENT

The A100-DLM consumes less than 3W. This is roughly the same amount of power consumed by one of the of many relays used in competitive solutions.



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ARGUS ELEVATOR, LLC
Elevator Safety Made Simple™

MECHANICAL SPECIFICATIONS

PARAMETER	VALUE / RANGE
Product dimensions	4.1" x 3.3" x 2.1"
Product weight	0.8 lbs.

ELECTRICAL SPECIFICATIONS

PARAMETER	VALUE / RANGE
Rated supply voltage	90V to 300V AC/DC
Supply frequency	DC / 50Hz / 60 Hz
Supply current	60mA @ 115VAC / 35mA @ 230VAC / 30mA @ 277VAC
Power consumption	6.9VA @ 115VAC / 8.1VA @ 230VAC / 8.3VA @ 277VAC
Inputs available	12 independent and isolated
Inputs rated voltage	0 to 400V AC/DC
Inputs current consumption	0.8mA @ 120V / 1.5mA @ 300V
Inputs bandwidth	DC to 240Hz
Inputs impedance	150 k Ω
Outputs available	4 (two fixed and two programmable)
Outputs type	N.O. and N.C dry contacts
Output duty	Pilot duty: 1.2A @300VAC / 0.1A @ 300VDC
Operating rate	5Hz