

Readers for surface mounting



Compact reader module 125 kHz (TF/EM/HID Proximity) with integrated door controller designed for general use in all application types.

The reader module is designed for surface mounting in both indoor and outdoor non-protected environment.

Remote relay module can be used for increased security.

Basic technical features

	APS mini	APS mini	APS 400
	AREM 64	MREM 64	NREM 64
Trade description			
Operating voltage	8 ÷ 15 V DC		
Current consumption	80 mA, max. 115 mA		
ID technology	125 kHz (TF / EM / HID Prox)		
Typical reading range	8 / 5 cm (with ISO card)		
Card memory	748 users + 2 master cards		748 ¹⁾ (emergency funtion)
Events memory	-	4,700	- ¹⁾
Time schedules	64 per day of the week and for holidays + never / always		- ¹⁾
Real-time clock	Available, with min. 12 hrs backup		- ¹⁾
Inputs	1x door contact, 1x REX		2x input ¹⁾
Outputs, indicators	1x relay NC/NO, 2A/24V, 1x transistor output 5V/5mA, 3x LED, 1x PIEZO buzzer		
Input / output port	1x – external tamper / external reader buzzer control		
Communication interface	RS 485		
Optional data interface	Wiegand input / output (configurable)		
Tamper protection	Reed contact (against tearing-off, requires MAG), Optoelectronic (opening cover)		
Weight	0.150 kg		
Operating environment	-25°C ÷ +60°C, humidity max. 95% non-condensing		
Protection class	IP 54		
Housing & dimensions	Plastic, 55x90x25 mm		
Connecting cable	0.5 m		

¹⁾ Identification events authorization and behavior of the APS 400 network modules are provided by the system controller. Specific parameters can be found at www.techfass.cz.

Accessories

MAG	51900200	Magnet for wall tamper contact
WIO 22	51901200	Remote relay module (2 relay NO/NC)
AC/200	51900900	Low input transistor relay for alarm output



AC/200



MAG



WIO 22



Versions & Compatibility

Reader module	Code	Color	TF	EM	HID	Events archive	ACS SW	Extensions
AREM 64 BK-TF	52464000	black	•	–	•	–	•	–
AREM 64 GR-TF	52464200	grey	•	–	•	–	•	–
AREM 64 BK-EM	52464001	black	•	•	•	–	•	–
AREM 64 GR-EM	52464201	grey	•	•	•	–	•	–
MREM 64 BK-TF	53464000	black	•	–	•	•	•	licensed
MREM 64 GR-TF	53464200	grey	•	–	•	•	•	licensed
MREM 64 BK-EM	53464001	black	•	•	•	•	•	licensed
MREM 64 GR-EM	53464201	grey	•	•	•	•	•	licensed
NREM 64 BK-TF	54464000	black	•	–	•)))
NREM 64 GR-TF	54464200	grey	•	–	•)))
NREM 64 BK-EM	54464001	black	•	•	•)))
NREM 64 GR-EM	54464201	grey	•	•	•)))

) Selected features are determined by the APS 400 system controller.

TECHFASS® product lines

- The very popular **APS mini** access control system enables building up many applications for family and apartment houses, small companies and commercial premises.
- The **APS mini Plus** access control system is a generally applicable system, which is capable of covering all typical access control and time and attendance solutions. The system is suitable for both smaller standard access control systems, and for large and remote systems using an online server.
- The **APS 400** system controllers can control up to 64 reader modules; manage up to 15,000 users and store up to 57,000 records in their events memory when operating in offline mode. A unique feature of the system is the ability to set the behavior of all connected modules by a **user-defined program**.



APS mini

Function: *fixed*
 ID memory: *748*
 Online authorization: *N/A*
 Off-line events: *N/A*
 Time schedules: *64*
 Addresses / comm. line: *32*
 Lines per system: *unlimited*

Management:
master cards or PC

Software for free:
CFG, management

APS mini

Function: *fixed*
 ID memory: *748*
 Online authorization: *>10⁷*
 Off-line events: *2000*
 Time schedules: *64*
 Addresses / comm. line: *32*
 Lines per system: *unlimited*

Management:
master cards or PC

Software for free:
CFG, management

Software extensions:
alarm graphics, basic T&A, complex T&A, web,...

APS 400

Function: *programmable*
 ID memory: *15,000*
 Online authorization: *>10⁷*
 Off-line events: *57,000*
 Access groups: *128*
 Time schedules: *64*
 Addresses / controller: *64*
 Controllers / server: *>32*

Management:
PC

Software for free:
programming & CFG, management (up to 10ID)

Software extensions:
alarm graphics, basic T&A, complex T&A, web,...