

Readers made of stainless steel with keypad



Robust reader module 125 kHz (TF/EM/HID Proximity) with integrated door controller and keypad designed for mounting in outdoor non-protected environment.

The reader is made of stainless steel and is vandal-resistant. It can be used for simple IDS control (with use of WIO 22 module).

Remote relay module can be used for increased security.

Basic technical features

	APS mini	APS mini	APS 400
	AREP 78	MREP 78	NREP 78
Trade description			
Operating voltage	8 ÷ 18 V DC		
Current consumption	70 mA, max. 120 mA		
ID technology	125 kHz (TF / EM / HID Prox)		
Typical reading range	5 / 2 cm (EM / HID with ISO card)		
Card memory	748 ID + 2 master cards		748 ¹⁾ (emergency funtion)
Events memory	-	4,700	- ¹⁾
Time schedules	64 per day of 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	2x relay NC/NO, 2A/24V, 3x LED, 1x PIEZO buzzer		
Input / output port	1x – external tamper / external reader buzzer control / IDS status monitoring		
Communication interface	RS 485		
Optional data interface	Wiegand input / output (configurable)		
Tamper protection	Optoelectronic		
Weight	0.600 kg		
Operating environment	Indoors and outdoors, -20°C ÷ +60°C, humidity max. 95% non-condensing		
Housing & dimensions	Plastic, 55x90x25 mm		
Connecting cable	2 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

WIO 22	51901200	Remote relay module (2 relay NO/NC)
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WIO 22



Versions & Compatibility

Reader module	Code	TF	EM	HID	Events archive	ACS SW	Extensions
AREP 78-TF	52478400	•	–	•	–	•	–
AREP 78-EM	52478401	•	•	•	–	•	–
MREP 78-TF	53478400	•	–	•	•	•	licensed
MREP 78-EM	53478401	•	•	•	•	•	licensed
NREP 78-TF	54478400	•	–	•)))
NREP 78-EM	54478401	•	•	•)))

) 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,...