



Readers made of stainless steel with keypad



Robust reader module 125 kHz (TF / EM) 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.

Remote relay module can be used for increased security.

Basic technical features

	APS mini	APS 400
	MREP 78	NREP 78
Trade description	8 ÷ 18 V DC	
Operating voltage	70 mA, max. 120 mA	
Current consumption	125 kHz (TF / EM)	
ID technology	5 / 5 cm (with ISO card)	
Typical reading range	2,000 ID + 2 master cards	748 ¹⁾ (emergency funtion)
Card memory	3,400	- ¹⁾
Events memory	64 per day of week and for holidays + never / always	- ¹⁾
Time schedules	Available, with min. 12 hrs backup	- ¹⁾
Real-time clock	2x controlled by potential-free contact	2x input ¹⁾
Inputs	2x relay NC/NO, 2A/24V, 3x LED, 1x PIEZO buzzer	
Outputs, indicators	1x – external tamper / external reader buzzer control	
Input / output port	RS 485	
Communication interface	Wiegand input / output (configurable)	
Optional data interface	Optoelectronic	
Tamper protection	0.600 kg	
Weight	Indoors and outdoors, -20°C ÷ +60°C, humidity max. 95% non-condensing	
Operating environment	Plastic, 55x90x25 mm	
Housing & dimensions	2 m	
Connecting cable		

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	Events archive	ACS SW	Extensions
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 **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 400

APS mini

Function: *configurable*
ID memory: *2,000*
Online authorization: *>10⁷*
Offline events: *3,400*
Time schedules: *64*
Addresses / comm. line: *32*
Lines per system: *unlimited*

Management: *master cards or PC*

Software for free: *CFG, management*

Software extensions:
Licensed: basic T&A evaluation, visualization, overviews, guard tour monitoring, etc.

Function: *programmable*
ID memory: *up to 15,000*
Online authorization: *>10⁷*
Offline events: *up to 57,000*
Access groups: *128*
Time schedules: *64*
Addresses / controller: *64*
Controllers per server: *>32*

Management: *PC*

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

Software extensions:
Licensed: management of over 10 IDs in the system, basic T&A evaluation, visualization, overviews, guard tour monitoring, etc.