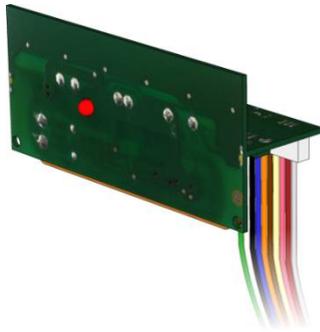


## Readers for BPT Digitha entry panels



Miniature reader module 125 kHz (TF / EM) with integrated door controller designed for installation in *Digitha* entry panels of BPT audio and video systems, which can also provide its power supply. The module occupies space reserved for a reader module.

Remote relay module can be used for increased security.

The module is supplied as a PCB.

## Basic technical features

	<b>APS mini</b>	<b>APS 400</b>
Trade description	<b>MREM 59E</b>	<b>NREM 59E</b>
Operating voltage	8 ÷ 18 V DC (e.g. A/200, AS/200, VA/200, VAS/100, XA/300...)	
Current consumption	60 mA, max. 120 mA (8V)	
ID technology	125 kHz (TF / EM)	
Typical reading range	4 / 4 cm (with ISO card)	
Card memory	2,000 users + 2 master cards	748 <sup>1)</sup> (emergency funtion)
Events memory	3,400	- <sup>1)</sup>
Time schedules	64 per day of the week and holidays + never / always	- <sup>1)</sup>
Real-time clock	Available, with self-backup for 12 hours	- <sup>1)</sup>
Inputs	2x controlled by potential-free contact	2x input <sup>1)</sup>
Outputs, indicators	1x open collector 0V active (to the REX device of the Digitha panel), 1x 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)	
Weight	0.027 kg	
Operating environment	-25°C ÷ +60°C, humidity max. 95% non-condensing	
Protection class	IP 54 (built in the entry panel)	
Dimensions	30x62x20 mm	
Connecting cable	0.4 m	

<sup>1)</sup> 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](http://www.techfass.cz).

## Accessories

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



WIO 22



## Versions & Compatibility

Reader version	Code	TF	EM	Events archive	ACS SW	Extensions
MREM 59E-TF	53459000	•	–	•	•	licensed
MREM 59E-EM	53459001	•	•	•	•	licensed
NREM 59E-TF	54459000	•	–	*)	*)	*)
NREM 59E-EM	54459001	•	•	*)	*)	*)

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

## Application



REM 59E in Digitha entry panel

## TECHFASS<sup>®</sup> 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: *>10<sup>7</sup>*  
 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: *>10<sup>7</sup>*  
 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.*