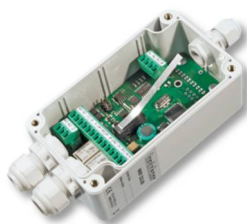


Single door controller



Single door controller xRIF 232 is used for connecting a GP8, GP20, GP30, GP60 or GP90 (version xRIF 232-GP) reader using its RS 232 interface or iButton technology readers (version xRIF 232.IB) into the APS systems.

The modules are intended for surface mounting in outdoor non-protected environment.

Basic technical features

	APS_{mini}	APS₄₀₀
Trade description	MRIF 232-GP MRIF 232.IB	NRIF 232-GP NRIF 232.IB
Operating voltage	8 ÷ 15 V DC	
Current consumption	70 mA, max. 130 mA	
Interface for ID reader	RS 232 , 1 wire (iButton)	
Card memory	2,000 users + 2 master IDs	748 ^{*)} (emergency funtion)
Events memory	3,400	- ^{*)}
Time schedules	64 per day of the week and for holidays + never / always	- ^{*)}
Real-time clock	Available, with min. 12 hrs backup	- ^{*)}
Inputs	2x controlled by potential-free contact	2x input ^{*)}
Outputs, indicators	2x relay NC/NO, 2A/24V, LEDs on board, 1x buzzer	
Communication interface	RS 485	
Optional data output	Wiegand (configurable)	
Tamper protection	Integrated NC contact	
Weight	0.202 kg	
Operating environment	-25°C ÷ +60°C, humidity max. 95% non-condensing	
Protection class	IP 65	
Housing & dimensions	Plastic, 65x165x55 mm	

^{*)} 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

PAS-DALLAS	51580200	iButton touch probe, 2x LED, cable 0,3m
CZ-DALLAS	51400500	iButton chip with plastic holder



PAS-DALLAS



CZ-DALLAS



Versions & Compatibility

Reader module	Code	Note	Events archive	ACS SW	Extensions
MRIF 232.IB	53412400	iButton	•	•	licensed
MRIF 232-GP	53412600	GP8, GP20, GP30, GP60, GP90	•	•	licensed
NRIF 232.IB	54412400	iButton	*)	*)	*)
NRIF 232-GP	54412600	GP8, GP20, GP30, GP60, GP90	*)	*)	*)

*) 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.