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SMARTX

Apollo Protocols Single Loop
Analogue Andressable Control Panels

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Analogue Addressable Control Panels

SmartX is a single loop, analogue addressable control panel, based on the Apollo S90, XP95 & Discovery protocols. It targets small to medium installations. The key points of this panel is low cost, ease of use through a intuitive user interface, expandability through networking and programming flexibility all in a robust, high quality construction. Easy for both installers and users provides an ideal solution for a certified entry level panel easily integrated in future installation expansions.

General Specifications

- One Loop Analogue Addressable control panels
- Support for Apollo's S90, XP95 and Discovery devices fully intermixed on same loop
- 2 Conventional Zones (Maximum 20 detectors per zone)
- Day/Night operation, separate profile for each week day. Changes sensors (Discovery) sensitivity and Alarm verification
- Manual add/remove of loop devices (easy search with Apollo's part number)
- Up to 15 groups of outputs for simultaneous activation (XP95 and Discovery)
- 2 Supervised Siren Outputs
- Siren pattern selection for on board (switched) and loop devices (Discovery protocol)
- Storage of up to 2.000 log events
- Built-in communicator (Ademco Contact ID)
- System LED indications: Power, Fault, Alarm, Pre Alarm, Delay Active, Sirens Silenced, On Test
- WalkTest installation testing feature
- Weekly reminder for system test
- Remote software monitoring and programming
- Implements EN54-4 "Outputs to protection equipment"
- Implements EN54-4 "Outputs to routing equipment"

Technical Specifications

Number of loops:	**1**
Loop current:	**400mA**
Protocols:	**S90, XP95 & Discovery**
Fire zones / Zonal indicators:	**16 (smartX 116), 32 (smartX 132)**
Conventional zones:	**2 (Maximum 20 detectors per zone)**
Conventional zones termination resistors:	**4,7K Ohms / 1W**
Supervised siren outputs:	**2 outputs, 24VDC ±10%, 1A max, fused and monitored**
Generic trouble output (on main unit) non monitored:	**Dry relay contacts NO - C - NC**
Generic Inputs:	**2 auxilliary, internally pulled up inputs. 1.5mA sink activation current**
Relay Outputs:	**2 general relay outputs N/O or N/C (jumper selectable) dry contacts 28V/3A max**
PGM Outputs:	**4 PGM outputs Open collector, 200mA sink max current, 30V max handling**
Earth faults detection and indication:	**Front panel LCD indication & buzzer**
Display:	**4 lines of 20 characters LCD**
Mains Power:	**220 VAC 50Hz**
Mains supply fuse:	**1,6A 250V**
Power Supply:	**24 VDC / 2.5A**
AUX output:	**24VDC +/- 10%, 700mA max, current limited, monitored**
Battery Backup power:	**2x 12V / 7Ah sealed lead acid gel batteries**
Battery health monitoring (periodic load test):	**Every 90 seconds**
Enclosure:	**Epoxy powder coated metal box**
Dimensions (HxWxD)[mm]:	**315 x 425 x 100**
IP rating:	**IP30**