

Standard Control Panel “Lite” Subassembly with Unitary (UNT) Controller

The SAUx00001F00 is a prewired standard control panel subassembly that contains the UNT141, UNT1108, UNT1126, or the UNT1144 digital controller. Such a predesigned solution saves both time and money. In addition, the assembly may be tailored to a variety of common applications, furthering the savings even more.

The SAUx00001F00 subassembly is designed for mounting in a 16 in. x 20 in. steel enclosure (code number PAN-ENx1620WD). In addition to the UNT controller, the subassembly also contains a circuit breaker, a 96 VA 120/24 VAC transformer, and a duplex outlet. Space is reserved in the panel along with a section of DIN rail for mounting of additional components, if desired.

The SAUx00001F00 control panels allow for direct wire termination at the controller. Control panels with UNT11xx controllers contain removable screw terminations (AP-TBK1002-0 and AP-TBK1003-0), making installation, commissioning, and servicing quicker and easier.

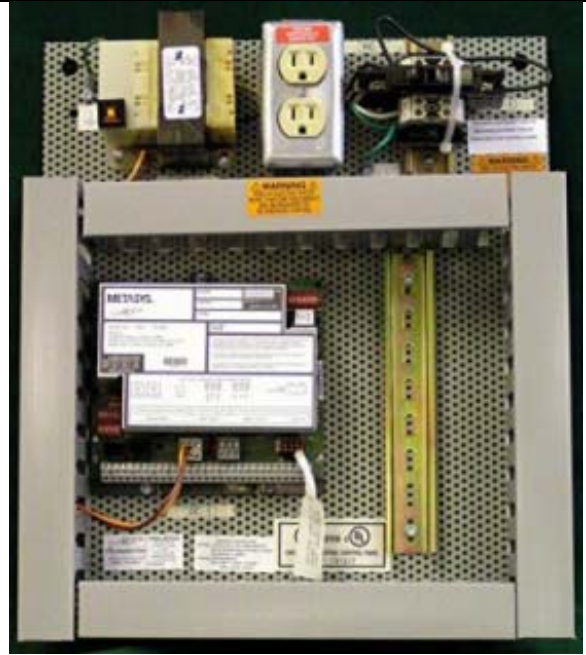


Figure 1: SAUx00001F00 Standard Control Panel Subassembly with UNT Controller

Features and Benefits	
<input type="checkbox"/> Consistent Layout for All Standard Control Panel Solutions	Simplifies installation and commissioning
<input type="checkbox"/> Controller with Screw Terminals	Easily identifiable input/output points at the controller
<input type="checkbox"/> Resettable Circuit Breaker and Transformer	Provides high- and low-voltage protection
<input type="checkbox"/> Space and DIN Rail Reserved for Future Component Additions	Allows easy upgrading to a Standard-Plus Control Panel
<input type="checkbox"/> Panel Prebuilt, Prewired, and Pretested in an ISO-9002 Manufacturing Facility	Provides products of consistently high quality
<input type="checkbox"/> UL 508A Rated Control Panel	Meets local and national code requirements for United States and Canada (cULus listed)

Table 1: Available Control Panels

Code Number	Description
SAUB00001F00	Standard Control Panel "Lite" Subassembly with UNT141 Controller
SAUC00001F00	Standard Control Panel "Lite" Subassembly with UNT1108 Controller
SAUD00001F00	Standard Control Panel "Lite" Subassembly with UNT1126 Controller
SAUE00001F00	Standard Control Panel "Lite" Subassembly with UNT1144 Controller

Table 2: Basic Control Panel Bill of Materials

Quantity	Description
1	UNT Series digital controller – AS-UNT141-0, AS-UNT1108-0 , AS-UNT1126-0 , AS-UNT1144-0
1	Transformer: 96 VA, 120/24 VAC, with secondary protection
1	Duplex outlet: 120 VAC
1	Circuit breaker: 10 A

Technical Specifications

Product	SAUx00001F00 Standard Control Panel "Lite" Subassembly with UNT Controller
Terminals (UNT141 Controller)	Controller mounted screw termination
Terminals (UNT11xx Controller)	Removable screw terminations, 2 and 3 position, plug type, AP-TBK1002-0 and AP-TBK1003-0
Wire Size	Ground wire: 14 AWG; Transformer wires: 16 AWG
Ambient Operating Condition	32 to 122°F (0 to 50°C) 10 to 90% RH
Dimensions (Width x Height x Depth)	14.5 in. x 15.5 in. x 3.5 in. (368 mm x 394 mm x 89 mm)
Weight	16 lbs (7.3 kg)
Ambient Storage Condition	-40 to 176°F (-40 to 80°C) 5 to 95% RH
Agency Compliance	UL 508A Rated (cULus)

The performance specifications are nominal and conform to acceptable industry standards. For application at conditions beyond these specifications, consult the local Johnson Controls office. Johnson Controls, Inc. shall not be liable for damages resulting from misapplication or misuse of its products.



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