



Type

BC8001A



Compact Control Unit with 1 F-Bus line (127 Points)

BC8001A is a control unit suitable for small to medium size projects and constructions. It has the following features:

- Compatible to BDS .. A series of field devices.
- Features a polarity free F-BUS with a twisted pair of wires. Transmission distance is up to 700m ($\Phi 1.5\text{mm}^2$). All devices should be evenly distributed.
- Specialized BDS Algorithm enhance immunity against environment disturbances.
- Menu driven man-machine interface to allow simple operation.
- An optional printer can be mounted into the control unit.
- The system can be easily configured directly on the panel or via PC.
- Configuration data can be uploaded to a PC at any time.
- BC8001A features a fully supervised, programmable Notification Appliance Circuit (NAC) for audible and visual appliances.
- Compliant with UL864
- Selectable language: Korean, Thai, Portuguese, Spanish, Traditional Chinese , Simplified Chinese, English

Number of detector lines	1
Number of points	127
System Network	-
B-Bus device	-
Built-in printer	Optional
LCD Display	240 x 128, Backlight
Auto Mapping	Yes
Event history	1,000
Digital I/O's	
-Number of monitored OC outputs (40mA@24VDC)	1
-Number of monitored inputs	2
-Number of monitored NAC (1.5A@24VDC)	1
Input voltage (Main Power)	120/240V AC@60/50Hz (+10%, -15%)
Battery capacity	12 VDC, 12 Ah x 2
Download/Upload	USB1.1
Dimension (W x H x D)	370 x 265 x 200 mm
Weight (without battery)	6.5 kg
Operating temperature	0°C... +50°C
Storage temperature	-10°C... +50°C
Relative humidity	≤93% (40±2°C)
Data sheet	A5Q00016841A01

BC8001AE

Compact Control Unit with 2 F-Bus lines (254 Points)

As BC8001A.. for technical details, but with the following differences:

Number of detector lines	2
Number of points	254
System network	Yes
B-Bus device	3

Order No.

A5Q00016659

A5Q00021716