



Type		Order No.																																												
BC8002A-1	<p>Wall-mounted Advanced Control Unit (508 points)</p> <p>BC8002A is an advanced control unit designed with new technology. It is easy for operation and commissioning.</p> <ul style="list-style-type: none"> • Large LCD(10") with high resolution 640x320 pixels. • Features a polarity free F-BUS with a twisted pair of wires. Transmission distance is up to 700m (Φ1.5mm²). All devices should be evenly distributed. • Easy operation with Windows Explorer style menu structure. • Advanced 32-bit ARM based microprocessor system. • LCD display shows the analog curve of detector measurement and allows inquires in real time fire parameters for every detection point. • Auto mapping of controller configuration makes commissioning very easy, fast and accurate. • Multi-tasking real time operating system monitors the system at any time ensure high reliability of the system. • Up to 1,000 events can be stored in the event memory. • Modular structure makes it possible to customize the system very flexibly. • Configuration of the system can be done via panel keypads or PC Tool including set parameters and logic expressions. • Powerful interlocking function fulfills complicated requirement on controls very easy. • Up to 16 control units can be interconnected via A-Bus network. Transmission distance is up to 700m with twisted pair wire (Φ1.5mm²). • Can be connected to management station FMS and third party system with defined communication protocol. • Common grounding trouble supervision. • Compliant with UL864. <table border="0"> <tr><td>Number of line card</td><td>1</td></tr> <tr><td>Number of detector lines</td><td>4</td></tr> <tr><td>Max. number of address points</td><td>508</td></tr> <tr><td>System network</td><td>Yes</td></tr> <tr><td>B-Bus device</td><td>16</td></tr> <tr><td>Built-in printer</td><td>Optional</td></tr> <tr><td>LCD Display</td><td>640×320, Backlight</td></tr> <tr><td>Auto Mapping</td><td>Yes</td></tr> <tr><td>Event history</td><td>1,000</td></tr> <tr><td>Digital I/O's</td><td></td></tr> <tr><td>-Number of monitored OC outputs (40mA@24VDC)</td><td>2</td></tr> <tr><td>-Number of monitored inputs</td><td>2</td></tr> <tr><td>-Number of monitored NAC (1.5A@24VDC)</td><td>2</td></tr> <tr><td>Input voltage</td><td>120/240V AC@60/50Hz (+10%, -15%)</td></tr> <tr><td>Battery capacity</td><td>12VDC, 38Ah x 2</td></tr> <tr><td>Download/Upload</td><td>USB1.1</td></tr> <tr><td>Dimension (W × H × D)</td><td>700×520×225mm</td></tr> <tr><td>Weight (without Batteries)</td><td>21.0kg</td></tr> <tr><td>Operating temperature</td><td>0°C... +50°C</td></tr> <tr><td>Storage temperature</td><td>-10°C... +50°C</td></tr> <tr><td>Relative humidity</td><td>≤95% (40±2°C)</td></tr> <tr><td>Data sheet</td><td>A6V10264045</td></tr> </table>	Number of line card	1	Number of detector lines	4	Max. number of address points	508	System network	Yes	B-Bus device	16	Built-in printer	Optional	LCD Display	640×320, Backlight	Auto Mapping	Yes	Event history	1,000	Digital I/O's		-Number of monitored OC outputs (40mA@24VDC)	2	-Number of monitored inputs	2	-Number of monitored NAC (1.5A@24VDC)	2	Input voltage	120/240V AC@60/50Hz (+10%, -15%)	Battery capacity	12VDC, 38Ah x 2	Download/Upload	USB1.1	Dimension (W × H × D)	700×520×225mm	Weight (without Batteries)	21.0kg	Operating temperature	0°C... +50°C	Storage temperature	-10°C... +50°C	Relative humidity	≤95% (40±2°C)	Data sheet	A6V10264045	
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BC8002A-2	<p>Wall-mounted Advanced Control Unit (1,016 points)</p> <p>The fire alarm control unit with the 2 line cards, can connect up to 1,016 points devices.</p>																																													
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BC8002A-3	<p>Wall-mounted Advanced Control Unit (1,524 points)</p> <p>The fire alarm control unit with the 3 line cards, can connect up to 1,524 points devices.</p>																																													
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