

I/O systems

SIMATIC ET 200 systems for the control cabinet

SIMATIC ET 200SP

BaseUnits

Technical specifications (continued)

Article number	6ES7193-6BP20-0BB0 BASEUNIT TYPE B0, BU20-P12+A4+0B	6ES7193-6BP20-0BB1 BASEUNIT TYPE B1, BU20-P12+A0+4B	6ES7193-6BP20-0DC0 BASEUNIT TYPE C0, BU20-P6+A2+4D	6ES7193-6BP00-0BD0 BASEUNIT TYPE D0, BU20-P12+A0+0B	6ES7193-6BP20-0BF0 BASEUNIT TYPE F0, BU20-P8+A4+0B
General information					
Product type designation	Type B0	Type B1	Type C0	Type D0	Type F0
Dimensions					
Width	20 mm	20 mm	20 mm	20 mm	20 mm
Height	117 mm	117 mm	117 mm	117 mm	117 mm
Depth	35 mm	35 mm	35 mm	35 mm	35 mm
Weights					
Weight, approx.	48 g	48 g	47 g	47 g	48 g

Article number	6ES7193-6BP40-0DA1 BASEUNIT TYPE A1, BU15-P16+A0+12D/T	6ES7193-6BP00-0DA1 BASEUNIT TYPE A1, BU15-P16+A0+2D/T	6ES7193-6BP40-0BA1 BASEUNIT TYPE A1, BU15-P16+A0+12B/T	6ES7193-6BP00-0BA1 BASEUNIT TYPE A1, BU15-P16+A0+2B/T
General information				
Product type designation	Type A1	Type A1	Type A1	Type A1
Accessories				
Color coding labels				
• for process terminals	CC00 to CC09	CC00 to CC09	CC00 to CC09	CC00 to CC09
• for AUX terminals	does not exist	does not exist	does not exist	does not exist
• for add-on terminals	CC74	does not exist	CC74	does not exist
Connection method				
Terminals				
• Terminal type	Push-in terminal	Push-in terminal	Push-in terminal	Push-in terminal
• Conductor cross-section, min.	0.14 mm ² ; AWG 26	0.14 mm ² ; AWG 26	0.14 mm ² ; AWG 26	0.14 mm ² ; AWG 26
• Conductor cross-section, max.	2.5 mm ² ; AWG 14	2.5 mm ² ; AWG 14	2.5 mm ² ; AWG 14	2.5 mm ² ; AWG 14
• Number of process terminals to I/O module	16	16	16	16
• Number of terminals to AUX bus	0	0	0	0
• Number of add-on terminals	0	0	0	0
• Number of terminals with connection to P1 and P2 bus	2	2	2	2
Dimensions				
Width	15 mm	15 mm	15 mm	15 mm
Height	141 mm	117 mm	141 mm	117 mm
Depth	35 mm	35 mm	35 mm	35 mm
Weights				
Weight, approx.	50 g	40 g	50 g	40 g

Article number	6ES7193-6BP00-0DU0 BaseUnit type U0, BU20-P16+A0+2D, PU 1	6ES7193-6BP00-0BU0 BaseUnit type U0, BU20-P16+A0+2B, PU 1
General information		
Product type designation	BU type U0, BU20-P16+A0+2D, PU 1	BU type U0, BU20-P16+A0+2B, PU 1
Connection method		
Terminals		
• Terminal type	Push-in terminal	Push-in terminal
• Conductor cross-section, min.	0.14 mm ² ; 0.2 mm ² without wire end ferrule	0.14 mm ² ; 0.2 mm ² without wire end ferrule
• Conductor cross-section, max.	2.5 mm ² ; 1.5 mm ² with wire end ferrule	2.5 mm ² ; 1.5 mm ² with wire end ferrule
• Number of process terminals to I/O module	16	16
• Number of terminals to AUX bus	0	0
• Number of add-on terminals	0	0
• Number of terminals with connection to P1 and P2 bus	2	2

Technical specifications (continued)

Article number	6ES7193-6BP00-0DU0 BaseUnit type U0, BU20-P16+A0+2D, PU 1	6ES7193-6BP00-0BU0 BaseUnit type U0, BU20-P16+A0+2B, PU 1
Dimensions		
Width	20 mm	20 mm
Height	117 mm	117 mm
Depth	35 mm	35 mm
Weights		
Weight, approx.	50 g	50 g

Article number	6ES7193-6BN00-0NE0 ET 200SP, BASEUNIT BU-SEND
Dimensions	
Width	20 mm
Height	117 mm
Depth	35 mm
Weights	
Weight, approx.	30 g

Ordering data	Article No.		Article No.
Type A0 BaseUnits		Type B0 BaseUnits	
BU15-P16+A10+2D BU type A0; BaseUnit (light) with 16 process terminals (1...16) to the module and an additional 10 internally jumpered AUX terminals (1 A to 10 A); for starting a new load group (max. 10 A) • 1 unit • 10 units	6ES7193-6BP20-0DA0 6ES7193-6BP20-2DA0	BU20-P12+A4+0B BU type B0; BaseUnit (dark) with 12 process terminals (1...12) to the module and an additional 4 internally jumpered AUX terminals (1 A to 4 A); for continuing the load group; 1 unit • 1 unit • 10 units	6ES7193-6BP20-0BB0 6ES7193-6BP20-2BB0
BU15-P16+A0+2D BU type A0; BaseUnit (light) with 16 process terminals to the module; for starting a new load group (max. 10 A) • 1 unit • 10 units	6ES7193-6BP00-0DA0 6ES7193-6BP00-2DA0	Type B1 BaseUnits	
BU15-P16+A10+2B BU type A0; BaseUnit (dark) with 16 process terminals (1...16) to the module and an additional 10 internally jumpered AUX terminals (1 A to 10 A); for continuing the load group • 1 unit • 10 units	6ES7193-6BP20-0BA0 6ES7193-6BP20-2BA0	BU20-P12+A0+4B BU type B1; BaseUnit (dark) with 12 process terminals to the module; for continuing the load group; 1 unit	6ES7193-6BP20-0BB1
BU15-P16+A0+2B BU type A0; BaseUnit (dark) with 16 process terminals to the module; for continuing the load group • 1 unit • 10 units	6ES7193-6BP00-0BA0 6ES7193-6BP00-2BA0	Type C0 BaseUnits	
		BU20-P6+A2+4D BU type C0; BaseUnit (light) with 6 push-in terminals (1...6) to the module and an additional 2 AUX terminals; new load group	6ES7193-6BP20-0DC0
		Type D0 BaseUnits	
		BU20-P12+A0+0B BU type D0; BaseUnit (dark) with 12 push-in terminals, without AUX terminals, bridged to the left	6ES7193-6BP00-0BD0