



Figure similar

SIPLUS ET 200SP BU15-P16+A0+2D based on 6ES7193-6BP00-0DA0 with conformal coating, -40...+70 °C, BU type A0, push-in terminals, without AUX terminals, new load group, WxH: 15 mm x 117 mm,

General information	
Product type designation	BU type A0
based on	6ES7193-6BP00-0DA0
Supply voltage	
Rated value (DC)	24 V
external protection for power supply lines	Yes; 24 V DC/10 A miniature circuit breaker with type B or C tripping characteristic
Current carrying capacity	
up to 60 °C, max.	10 A
Hardware configuration	
Slots	
• Number of slots	1
Potential separation	
between backplane bus and supply voltage	Yes
between the potential groups	Yes
Isolation	
Isolation tested with	707 V DC
Standards, approvals, certificates	
Ecological footprint	
• environmental product declaration	Yes
Global warming potential	
— global warming potential, (total) [CO2 eq]	0.873 kg
— global warming potential, (during production) [CO2 eq]	0.866 kg
— global warming potential, (during operation) [CO2 eq]	0 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.0011 kg
Ambient conditions	
Ambient temperature during operation	
• horizontal installation, min.	-40 °C; = Tmin (incl. condensation/frost)
• horizontal installation, max.	70 °C; = Tmax
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	5 000 m
• Ambient air temperature-barometric pressure-altitude	Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax -20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)
Relative humidity	
• With condensation, tested in accordance with IEC 60068-2-38, max.	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation
Resistance	

Coolants and lubricants																																								
— Resistant to commercially available coolants and lubricants	Yes; Incl. diesel and oil droplets in the air																																							
Use in stationary industrial systems																																								
— to biologically active substances according to EN 60721-3-3	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request																																							
— to chemically active substances according to EN 60721-3-3	Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *																																							
— to mechanically active substances according to EN 60721-3-3	Yes; Class 3S4 incl. sand, dust, *																																							
— Against mechanical environmental conditions acc. to EN 60721-3-3	Yes; Class 3M8 using the SIPLUS Mounting Kit ET 200SP (6AG1193-6AA00-0AA0)																																							
Use on ships/at sea																																								
— to biologically active substances according to EN 60721-3-6	Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request																																							
— to chemically active substances according to EN 60721-3-6	Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *																																							
— to mechanically active substances according to EN 60721-3-6	Yes; Class 6S3 incl. sand, dust; *																																							
— Against mechanical environmental conditions acc. to EN 60721-3-6	Yes; Class 6M4 using the SIPLUS Mounting Kit ET 200SP (6AG1193-6AA00-0AA0)																																							
Usage in industrial process technology																																								
— Against chemically active substances acc. to EN 60654-4	Yes; Class 3 (excluding trichlorethylene)																																							
— Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04	Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil)																																							
Remark																																								
— Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04	* The supplied plug covers must remain in place over the unused interfaces during operation!																																							
Conformal coating																																								
● Coatings for printed circuit board assemblies acc. to EN 61086	Yes; Class 2 for high reliability																																							
● Protection against fouling acc. to EN 60664-3	Yes; Type 1 protection																																							
● Military testing according to MIL-I-46058C, Amendment 7	Yes; Discoloration of coating possible during service life																																							
● Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A	Yes; Conformal coating, Class A																																							
Dimensions																																								
Width	15 mm																																							
Height	117 mm																																							
Depth	35 mm																																							
Weights																																								
Weight, approx.	40 g																																							
Classifications																																								
	<table><tr><th></th><th>Version</th><th>Classification</th></tr><tr><td>eClass</td><td>14</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>12</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>9.1</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>9</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>8</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>7.1</td><td>27-24-26-03</td></tr><tr><td>eClass</td><td>6</td><td>27-24-26-03</td></tr><tr><td>ETIM</td><td>9</td><td>EC001598</td></tr><tr><td>ETIM</td><td>8</td><td>EC001598</td></tr><tr><td>ETIM</td><td>7</td><td>EC001598</td></tr><tr><td>IDEA</td><td>4</td><td>3560</td></tr><tr><td>UNSPSC</td><td>15</td><td>32-15-17-04</td></tr></table>		Version	Classification	eClass	14	27-24-26-03	eClass	12	27-24-26-03	eClass	9.1	27-24-26-03	eClass	9	27-24-26-03	eClass	8	27-24-26-03	eClass	7.1	27-24-26-03	eClass	6	27-24-26-03	ETIM	9	EC001598	ETIM	8	EC001598	ETIM	7	EC001598	IDEA	4	3560	UNSPSC	15	32-15-17-04
	Version	Classification																																						
eClass	14	27-24-26-03																																						
eClass	12	27-24-26-03																																						
eClass	9.1	27-24-26-03																																						
eClass	9	27-24-26-03																																						
eClass	8	27-24-26-03																																						
eClass	7.1	27-24-26-03																																						
eClass	6	27-24-26-03																																						
ETIM	9	EC001598																																						
ETIM	8	EC001598																																						
ETIM	7	EC001598																																						
IDEA	4	3560																																						
UNSPSC	15	32-15-17-04																																						
Approvals / Certificates																																								
General Product Approval	EMV																																							

[Miscellaneous](#)

[Manufacturer Declaration](#)



For use in hazardous locations



[CCC-Ex](#)



Marine / Shipping

Environment



last modified:

10/9/2024 