

SIPLUS S7-1500 cooling fan 210 mm with conformal coating 0...+70 °C suitable for the following CPUs: SIPLUS S7-1500 CPU 1517H-3 (6AG1517-3HP00-4AB0); SIPLUS S7-1500 CPU 1518HF (6AG1518-4JP00-4AB0)



General information	
Product type designation	cooling fan 210 mm
HW functional status	01
Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	27.7 V
Reverse polarity protection	Yes
Input current	
Current consumption (rated value)	0.05 A
Current consumption, max.	0.07 A
Inrush current, max.	0.17 A
Power loss	
Power loss, typ.	1.7 W
Digital outputs	
Current-sourcing	Yes
Controlling a digital input	Yes; digital input according to IEC 61131, type 3
Parallel switching of two outputs	
<ul style="list-style-type: none"> <li>• for logic links</li> <li>• for uprating</li> <li>• for redundant control of a load</li> </ul>	No No No
Cable length	
<ul style="list-style-type: none"> <li>• unshielded, max.</li> </ul>	3 m
Interrupts/diagnostics/status information	
Alarms	Yes; red LED warning indicator switches on at standstill or low fan speed
Diagnostics function	Yes; digital output OK
Degree and class of protection	
IP degree of protection	20
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>• min.</li> <li>• max.</li> </ul>	0 °C; = Tmin 70 °C; = Tmax
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> <li>• min.</li> <li>• max.</li> </ul>	-40 °C 70 °C
Altitude during operation relating to sea level	
<ul style="list-style-type: none"> <li>• Installation altitude above sea level, max.</li> <li>• Ambient air temperature-barometric pressure-altitude</li> </ul>	5 000 m 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)

<b>Relative humidity</b>	
<ul style="list-style-type: none"> <li>With condensation, tested in accordance with IEC 60068-2-38, max.</li> </ul>	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation
<b>Resistance</b>	
<b>Use in stationary industrial systems</b>	
— 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	No
<b>Use on ships/at sea</b>	
— to biologically active substances according to EN 60721-3-6	No
— to chemically active substances according to EN 60721-3-6	No
— to mechanically active substances according to EN 60721-3-6	No
<b>Usage in industrial process technology</b>	
— 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)
<b>connection method</b>	
<b>Connection I/O signals</b>	
<ul style="list-style-type: none"> <li>Connection method</li> <li>Number of lines per connection</li> </ul>	<p>Push-in terminal</p> <p>1</p>
<b>Conductor cross-section in mm<sup>2</sup></b>	
— Connectable cable cross-sections for massive cables, min.	0.25 mm <sup>2</sup>
— Connectable cable cross-sections for massive cables, min.	1.5 mm <sup>2</sup>
— Connectable cable cross-sections for flexible cables without end sleeve, min.	0.25 mm <sup>2</sup>
— Connectable cable cross-sections for flexible cables without end sleeve, max.	1.5 mm <sup>2</sup>
— Connectable cable cross-sections for flexible cables with end sleeve, min.	0.25 mm <sup>2</sup>
— Connectable cable cross-sections for flexible cables with end sleeve, max.	1.5 mm <sup>2</sup>
<b>Conductor cross-section acc. to AWG</b>	
— Connectable cable cross-sections for massive cables, min.	24
— Connectable cable cross-sections for massive cables, min.	16
— Connectable cable cross-sections for flexible cables without end sleeve, min.	24
— Connectable cable cross-sections for flexible cables without end sleeve, max.	16
— Connectable cable cross-sections for flexible cables with end sleeve, min.	24
— Connectable cable cross-sections for flexible cables with end sleeve, max.	16
<b>Wire end processing</b>	
— Stripped length of cables, min.	10 mm
— End sleeve acc. to DIN 46228 without plastic sleeve	7 mm long
— End sleeve acc. to DIN 46228 with plastic sleeve	8 mm long
<b>Mounting</b>	
— Tightening torque, min.	0.3 N·m; screw interlock
— Tightening torque, max.	0.3 N·m; screw interlock
<b>Dimensions</b>	
Width	210 mm
Height	54 mm
Depth	119 mm
<b>Weights</b>	
Weight, approx.	235 g

Classifications

	Version	Classification
eClass	14	27-24-22-92
eClass	12	27-24-22-92
eClass	9.1	27-24-22-92
eClass	9	27-24-22-92
eClass	8	27-24-92-90
eClass	7.1	27-24-92-90
eClass	6	27-24-92-90
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584

Approvals / Certificates

General Product Approval

[Miscellaneous](#)



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