SIEMENS

Data sheet

6AG1331-6SB00-7AY0





SIPLUS LOGO! Power 24V 1,3A for medial stress -40...+70°C start up at -25°C based on 6EP3331-6SB00-0AY0 . stabilized power supply input: AC 100-240 V output: DC 24 V / 1,3 A

Input	
Input	1-phase AC or DC
Rated voltage value Vin rated	100 240 V
Voltage range AC	85 264 V
input voltage	
• at DC	110 300 V
Wide-range input	Yes
Mains buffering	at Vin = 187 V
Mains buffering at lout rated, min.	40 ms; at Vin = 187 V
Rated line frequency 1	50 Hz
Rated line frequency 2	60 Hz
Rated line range	47 63 Hz
input current	
 at rated input voltage 120 V 	0.7 A
 at rated input voltage 230 V 	0.35 A
Switch-on current limiting (+25 °C), max.	25 A
l²t, max.	0.8 A ² ·s
Built-in incoming fuse	internal
Protection in the mains power input (IEC 898)	Recommended miniature circuit breaker: from 6 A characteristic B or from 2 A characteristic C
Output	

Οάιραι	
Output	Controlled, isolated DC voltage
Rated voltage Vout DC	24 V
• output voltage at output 1 at DC rated value	24 V
Total tolerance, static ±	3 %
Static mains compensation, approx.	0.1 %
Static load balancing, approx.	0.1 %
Residual ripple peak-peak, max.	200 mV
Residual ripple peak-peak, typ.	30 mV
Spikes peak-peak, max. (bandwidth: 20 MHz)	300 mV
Spikes peak-peak, typ. (bandwidth: 20 MHz)	50 mV
Adjustment range	22.2 26.4 V
product function output voltage adjustable	Yes

Colpa Volge Seturg Yes Const Volge Seturg Yes Status display Green LESS On of Seturg deay, max. 0.5 is Voltage rise, typ. 100 ms Read current values loat rated 1.3 A Current range 0 1.3 A • Noto 1.3 A Current range 1 70 °C: Derating 2%K supplied active power typical 31.2 W Panele switching for enhanced performance Yes Efficiency Efficiency Efficiency SW Dynamic load source provide performance SW Dynamic radis compensation (Vin trated 15 %), max. SW Dynamic radis compensation (Vin trated 15 %), max. 2.% Output downohing (out: Trated 15 %), max. 1.% Load step setting time 0 to 50%, typ. 1 ms Protection and function (D SW Protection and function (D Setting protection Course of the output short circuit proof Yes Short court protection Yes Protection deps Constant current characteristic entra		via potentiameter
On-Off behavior No overshoot of Vout (soft start) Object 0.5 startp delay, max. 0.5 startp delay, max. Voltage rise, typ. 100 ms Rated current value lout rated 1.3 A Ourrent range 01.3 A • Note + 70 "C: Derating 2%/K supplied active power typical 31.2 W Parallel switching for enhanced performance Yes Unimers of parallel switching for enhanced performance Yes Prever toss at Vour rated, tout rated, approx. 6 % Opmarine mains compensation (Vin rated ±15 %), max. 0.2 % Opmarine mains compensation (Vin rated ±15 %), max. 0.2 % Opmarine ional somothing (out: 1090/10 %), tout 1 yp. 1 % Load step setting time 90 to 10%, typ. 1 ms Load step setting time 90 to 10%, typ. 1 ms Current limitation, ng. 1.7 A Overcourset to extra to extra the switching on 100 90% (Vin trated 115 %), four rated typ. 200 ms Overcourset to extra to extra the switching on 100 90% (Vin trated 115 %), four rated typ. 200 ms Outgot overcollage protection Yes, according to EN 60950-1 Current limitation, ng. 1.5 A	Output voltage setting	via potentiometer
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Voltage rise, fp. 100 ms Rated current value lout rated 1.3 A • Note + 50 + 70 °C. Derating 2%/K • supplied active pover typical 3.1.2 M • Note + 50 + 70 °C. Derating 2%/K • Parallel switching for enhanced performance Yes • Numbers of parallel switching for enhanced approx. 86 % • Power toss at Vout rated, four rated, approx. 86 % • Power toss at Vout rated, four rated, approx. 86 % • Dynanic mains compensation (Vin rated ±15 %), max. 0.2 % • Option innoining 0.3 W Closed-toop control 91% Option innoining 0.2 % Option innoining 0.2 % Option innoining 0.2 % Output overologe protection Yes. according to EN 60950-1 Current limitation, typ. 1.7 A overcurrent overologe protection Yes. • maximum 1.7 A overcurrent overolog apphibity in normal operation constant current characteristic • orbit object of output current 50 mV = 1.3 A overcurrent overolog capability in normal operatiton <td< td=""><td></td><td></td></td<>		
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Current range 01.3.A • Note 455+70 °C: Derating 2%/K supplied active power typical 31.2 W Parallel switching for enhanced performance Yes Unthors of parallel switching for enhanced 2 Efficiency 5 Efficiency 86 % Power loss IV Juring no-load performance 5 W Dynamic miss compensation (Vin rated ±15 %), max. 0.2 %. Dynamic load smoothing (lout: 1090/10 %), Uout ± typ. 1 % Load stap setting time 0 to 10%, typ. 1 ms Protection and monitoring 70.4 %. Output overvollage protection Yes. according to EN 60960-1 Current limitation, typ. 1 7 A protection and monitoring 70.4 Yes Overload/9hort-circuit proof Yes Short-circuit protection Constant current RMS value • maakinm 1.7 A overcoadlyhort-circuit protection So mV =* 1.3 A overcoadlyhort-circuit noticate 50 mV =* 1.3 A overcoadlyhort-circuit noticate 50 mV =* 1.3 A overcoadlyhort-circuit noticate 50 mV =* 1.3 A <t< td=""><td></td><td></td></t<>		
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overcurrent overload capability when switching on 150% lout rated typ. 200 ms Safety Primary/secondary isolation Yes galvanic isolation Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178 Protection class Class II (without protective conductor) Degree of protection (EN 60529) IP20 Approvals CE mark Yes EMC Entited interference EN 55022 Class B Supply harmonics limitation not applicable Noise immunity Moise immunity EN 61000-6-2 environmental conditions ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection during operation ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m in case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation resistance to biologically active substances conformity acc. Yes; Class 3B2 mold, fungal, sponge spores (except fauna); clas	Overload/short-circuit indicator	•
Safety Primary/secondary isolation Yes galvanic isolation Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178 Protection class Class II (without protective conductor) Degree of protection (EN 60529) IP20 Approvals CE mark EMC Entitled interference Emitted interference EN 55022 Class B Supply harmonics limitation not applicable Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position -40; Startup @ -25 °C +70; with natural convection during operation abient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m In case of operation at altitudes of 2000 - 6000 m above sea level: output power derating of -7.5 %/1000 m reduction of the ambient temperature - air In case of operation at altitudes of 2000 - 6000 m above sea level: output power derating of -7.5 %/1000 m reduction of the ambient temperature by 5 K/1000 m 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation relative	measuring point for output current	50 mV =^ 1.3 A
Primary/secondary isolation Yes galvanic isolation Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178 Protection class Class II (without protective conductor) Degree of protection (EN 60529) IP20 Approvals CE mark CE mark Yes Emitted interference EN 55022 Class B Supply harmonics limitation not applicable Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position -40; Startup @ -25 °C +70; with natural convection during operation -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m relative humidity with condensation acc. to IEC 60068-2-3 38 maximum resistance to commercially available cooling lubricants Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. Yes; Class	overcurrent overload capability when switching on	150% lout rated typ. 200 ms
galvanic isolation Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178 Protection class Class II (without protective conductor) Degree of protection (EN 60529) IP20 Approvals CE mark EMC EMC Emitted interference EN 55022 Class B Supply harmonics limitation not applicable Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection ambient condition relating to ambient temperature - air pressure - installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum Yes; incl. diesel and oil droplets in the air chemical resistance to biologically active substances conformity acc. Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemicall active substances conformity acc. Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	Safety	
Protection class Class II (without protective conductor) Degree of protection (EN 60529) IP20 Approvals CE mark CE mark Yes EMC Emitted interference Supply harmonics limitation not applicable Noise immunity EN 61000-6-2 onvironmental conditions -40; Startup @ -25 °C +70; with natural convection during operation -40 +85 ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to biologically active substances conformity acc. to EN 60721-3-3 Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	Primary/secondary isolation	Yes
Degree of protection (EN 60529) IP20 Approvals CE mark CE mark Yes EMC Emitted interference Supply harmonics limitation not applicable Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	galvanic isolation	Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178
Approvals CE mark Yes EMC Emitted interference Supply harmonics limitation not applicable Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation resistance to biologically active substances conformity acc. to EN 60721-3-3 Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	Protection class	Class II (without protective conductor)
CE mark Yes EMC Emitted interference EN 55022 Class B Supply harmonics limitation not applicable Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; incl. diesel and oil droplets in the air Yes; class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2- 52	Degree of protection (EN 60529)	IP20
EMC Emitted interference EN 55022 Class B Supply harmonics limitation not applicable Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. to EN 60721-3-3 Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	Approvals	
Emitted interference EN 55022 Class B Supply harmonics limitation not applicable Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. to EN 60721-3-3 Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	CE mark	Yes
Supply harmonics limitation not applicable Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; incl. diesel and oil droplets in the air resistance to biologically active substances conformity acc. to EN 60721-3-3 Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	EMC	
Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; incl. diesel and oil droplets in the air resistance to biologically active substances conformity acc. to EN 60721-3-3 Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	Emitted interference	EN 55022 Class B
Noise immunity EN 61000-6-2 environmental conditions -40; Startup @ -25 °C +70; with natural convection ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; incl. diesel and oil droplets in the air resistance to biologically active substances conformity acc. to EN 60721-3-3 Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	Supply harmonics limitation	not applicable
environmental conditions ambient temperature in horizontal mounting position during operation -40; Startup @ -25 °C +70; with natural convection ambient temperature during storage and transport -40 +85 installation altitude at height above sea level maximum 6 000 m ambient condition relating to ambient temperature - air pressure - installation altitude In case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 m relative humidity with condensation acc. to IEC 60068-2- 38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. to EN 60721-3-3 Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52		•••
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during operation-40ambient temperature during storage and transport-40installation altitude at height above sea level maximum6 000 mambient condition relating to ambient temperature - air pressure - installation altitudeIn case of operation at altitudes of 2000 - 6000 m above sea level: Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 mrelative humidity with condensation acc. to IEC 60068-2- 38 maximum100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installationchemical resistance to commercially available cooling lubricantsYes; incl. diesel and oil droplets in the airresistance to biologically active substances conformity acc. to EN 60721-3-3Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon requestresistance to chemically active substances conformity acc.Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52		-40: Startup @ -25 °C +70: with natural convection
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pressure - installation altitude Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 m relative humidity with condensation acc. to IEC 60068-2-38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; incl. diesel and oil droplets in the air resistance to biologically active substances conformity acc. to EN 60721-3-3 Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52		6 000 m
pressure - installation altitude Output power derating of -7.5 %/1000 m or reduction of the ambient temperature by 5 K/1000 m relative humidity with condensation acc. to IEC 60068-2-38 maximum 100 %; RH incl. condensation/frost (no commissioning if condensation is present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; incl. diesel and oil droplets in the air resistance to biologically active substances conformity acc. to EN 60721-3-3 Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	ambient condition relating to ambient temperature - air	In case of operation at altitudes of 2000 - 6000 m above sea level:
38 maximum present), horizontal installation chemical resistance to commercially available cooling lubricants Yes; incl. diesel and oil droplets in the air resistance to biologically active substances conformity acc. to EN 60721-3-3 Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52		
lubricants resistance to biologically active substances conformity acc. to EN 60721-3-3 Yes; Class 3B2 mold, fungal, sponge spores (except fauna); class 3B3 upon request resistance to chemically active substances conformity acc. Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52		
acc. to EN 60721-3-3upon requestresistance to chemically active substances conformity acc.Yes; Class 3C4 (RH < 75%) incl. salt spray acc. to EN 60068-2-52	lubricants	
	acc. to EN 60721-3-3	upon request

resistance to mechanically active substances conformity acc. to EN 60721-3-3	Yes; Class 3S4 incl. sand, dust
resistance to biologically active substances conformity acc. to EN 60721-3-6	Yes; Class 6B2 mold, fungal, sponge spores (except fauna)
resistance to chemically active substances conformity acc. to EN 60721-3-6	Yes; Class 6C3 (RH < 75%) incl. salt spray acc. to EN 60068-2-52 (severity level 3)
resistance to mechanically active substances conformity acc. to EN 60721-3-6	Yes; Class 6S3 incl. sand, dust
coating for equipped printed circuit board acc. to EN 61086	Yes; Class 2 for high availability
type of coating protection against pollution according to EN 60664-3	Yes; Type 1 protection
type of test of the coating acc. to MIL-I-46058C	Yes; Discoloration of the coating during service life possible
product conformity of the coating Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies acc. to IPC-CC-830A	Yes; Conformal Coating, Class A
Mechanics	
Connection technology	screw-type terminals
Connections	
Supply input	L, N: 1 screw terminal each for 0.5 2.5 mm2 single-core/finely stranded
Output	+, -: 2 screw terminals each for 0.5 2.5 mm ²
Auxiliary	
width of the enclosure	36 mm
height of the enclosure	90 mm
depth of the enclosure	53 mm
required spacing	
• top	20 mm
bottom	20 mm
● left	0 mm
● right	0 mm
Weight, approx.	0.12 kg
product feature of the enclosure housing can be lined up	Yes
Installation	Snaps onto DIN rail EN 60715 35x7.5/15, direct mounting in different mounting positions
MTBF at 40 °C	3 094 996 h
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

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