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# Data sheet SR99SxxVBNN / SR99SxxVWNN

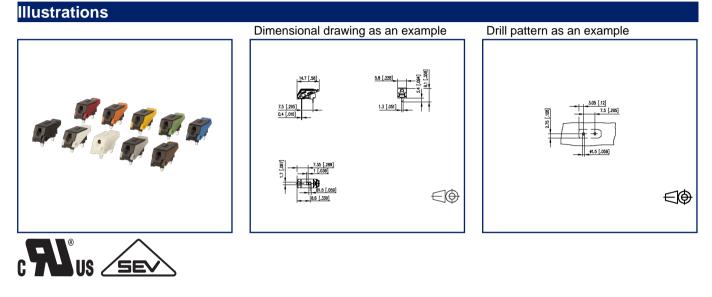
CONNECT We realize ideas

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## P/N SR99SXXVBNN

## xx=number of poles

2024/12/09 Version: AZ



See enlarged drawings at the end of document

## **Product specification**

- ethernet-capable spring clamp terminal block, THR solderable, double solder pins
- direction of connection 90°
- fittable without loss of poles
- Tape & Reel packaging possible
- finger push-button
- · test point and wire connection indicator
- · Variants: black, creme white, yellow, green, red, blue, orange, gray, brown, white







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### P/N SR99SXXVBNN

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Technical Date

# Data sheet SR99SxxVBNN / SR99SxxVWNN

Solder pin length   2.4 mm     pole size   1     Insulating material class   CTI 600     Protection category   IP20     Insul. strip length   7 mm     Rated current   9 A     Terminal data   rat.wiring strand.AWG max     rat.wiring strand.AWG max   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     rat.wiring strand.AWG max   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Image: Strand.AWG max   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Image: Strand.AWG max   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Image: Strand.AWG max   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Image: Strand.AWG max   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Image: Strand.AWG max   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   0.2 mm² - 1.5 m² / AWG 24 - AWG 16     Image: Strand.AWG max   0.2 mm² - 1.5 m² / AWG 24 - AWG 16     Image: Strand.AWG max   0.2 mm² - 1.5 m² / AWG 2	Technical Data	
bottest part long material class     1       Insulating material class     CTI 600       Protection category     IP20       Insul. strip length     7 mm       Rated current     9 A       Terminal data     0.2 mm² - 1.5 mm² / AWG 24 - AWG 16       rat. wiring solid AWGmax     0.2 mm² - 1.5 mm² / AWG 24 - AWG 16       rat. wiring strand.AWGmax     0.2 mm² - 1.5 mm² / AWG 24 - AWG 16       Approvals     0.2 mm² - 1.5 mm² / AWG 24 - AWG 16       Approvals     0.2 mm² - 1.5 mm² / AWG 24 - AWG 16       Material     0.2 mm² - 1.5 mm² / AWG 24 - AWG 16       Insulating material     0.2 mm² - 1.5 mm² / AWG 24 - AWG 16       Insulating material     0.2 m² - 1.5 mm² / AWG 24 - AWG 16       Insulating material     0.2 m² - 1.5 mm² / AWG 24 - AWG 16       Insulating material     0.2 m² - 1.5 mm² / AWG 24 - AWG 16       Insulating material     0.75 m²       Insulating material     V/ A / AWG       Insulating material     PPA       Itamability class     V0       spring material     CuSn       Contact surface     Sn       Glow-Wire Flammability GWFI     850 °C acc. to IEC 60695-2-13	General Data	
Insulating material class   CTI 600     Protection category   IP20     Insul. strip length   7 mm     Rated current   9 A     Terminal data	Solder pin length	2.4 mm
Protection category   IP20     Insul. strip length   7 mm     Rated current   9 A     Terminal data	pole size	1
Insul strip length 7 mm Rated current 9 A Terminal data rat.wiring solid AWGmax 0.2 mm² - 1.5 mm² / AWG 24 - AWG 16 Approvals V / A / AWG 0.2 mm² - 1.5 mm² / AWG 24 - AWG 16 Approvals V / A / AWG 0.2 mm² - 1.5 mm² / AWG 24 - AWG 16 Approvals 0.75 mm² 0.75	Insulating material class	CTI 600
Rated current   9 Å     Terminal data   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     rat.wiring strand.AWGmax   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Image: Strand.AWGmax   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Image: Strand.AWGmax   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   300 / 9 / 24 - 16     Image: Strand.AWGmax   300 / 9 / 24 - 16     Image: Strand.AWGmax   9 Å / T60     Image: Strand.AWG   9 Å / T60     Strand.AWG   9 Å / T60     Strand.AWG   9 Å / T60     Image: Strand.AWG   9 Å / T60     Strand.AWG   9 Å / T60     Strand.AWG   9 Å / T60     Image: Strand.AWG   9 Å / T60     Strand.AWG   9 Å / T60	Protection category	IP20
Terminal data     rat.wiring solid AWGmax   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     rat.wiring strand.AWGmax   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   300 / 9 / 24 - 16     Image: Strand	Insul. strip length	7 mm
rat.wiring solid AWGmax 0.2 mm² - 1.5 mm² / AWG 24 - AWG 16 rat.wiring strand.AWGmax 0.2 mm² - 1.5 mm² / AWG 24 - AWG 16 Approvals	Rated current	9 A
rat.wiring strand.AWGmax   0.2 mm² - 1.5 mm² / AWG 24 - AWG 16     Approvals   300 / 9 / 24 - 16     Image: Strand AWG   300 / 9 / 24 - 16     Image: Strand AWG   9 A / T60     Material   9 A / T60     Image: Strand AWG   9 A / T60     Material   PPA     flammability class   V0     spring material   Spring steel     contact material   CuSn     Contact surface   Sn     Glow-Wire Flammability GWFI   850 °C acc. to IEC 60695-2-12     Glow-Wire Flammability GWIT   775 °C acc. to IEC 60695-2-13     Climatic Data   upper limit temperature     upper limit temperature   105 °C     lower limit temperature   105 °C	Terminal data	
Approvals   300 / 9 / 24 - 16     Image: Second	rat.wiring solid AWGmax	0.2 mm² - 1.5 mm² / AWG 24 - AWG 16
WilsV/A/AWG300 / 9 / 24 - 16Image: Strain	rat.wiring strand.AWGmax	0.2 mm² - 1.5 mm² / AWG 24 - AWG 16
NaterialPAInsulating materialPPAflammability classV0spring materialSpring steelcontact materialCuSnContact surfaceSnGlow-Wire Flammability GWFI850 °C acc. to IEC 60695-2-12Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Dataupper limit temperature105 °Clower limit temperature40 °CgeneralISO 2768 -mHSolderabilityYeng SteelSolderabilityreflowable	Approvals	
MaterialInsulating materialPPAflammability classV0spring materialSpring steelcontact materialCuSnContact surfaceSnGlow-Wire Flammability GWFI850 °C acc. to IEC 60695-2-12Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Dataupper limit temperature105 °Clower limit temperature-40 °CgeneralToleranceISO 2768 -mHSolderabilityreflowable	CRUS V/A/AWG	300 / 9 / 24 - 16
insulating materialPPAflammability classV0spring materialSpring steelcontact materialCuSnContact surfaceSnGlow-Wire Flammability GWFI850 °C acc. to IEC 60695-2-12Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Dataupper limit temperature105 °Clower limit temperature-40 °CgeneralToleranceSolderabilityISO 2768 -mHSolderabilityreflowable	0.75 mm <sup>2</sup>	9 A / T60
Image: Filam and the second	Material	
spring materialSpring steelcontact materialCuSnContact surfaceSnGlow-Wire Flammability GWFI850 °C acc. to IEC 60695-2-12Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Dataupper limit temperature105 °Clower limit temperature-40 °CgeneralToleranceToleranceISO 2768 -mHSolderabilityreflowable	insulating material	PPA
contact materialCuSnContact surfaceSnGlow-Wire Flammability GWFI850 °C acc. to IEC 60695-2-12Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Dataupper limit temperature105 °Clower limit temperature-40 °CgeneralToleranceToleranceISO 2768 -mHSolderabilityreflowable	flammability class	V0
Contact surfaceSnGlow-Wire Flammability GWFI850 °C acc. to IEC 60695-2-12Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Dataupper limit temperature105 °Clower limit temperature-40 °CgeneralToleranceISO 2768 -mHSolderabilityreflowable	spring material	Spring steel
Glow-Wire Flammability GWFI850 °C acc. to IEC 60695-2-12Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Data105 °Cupper limit temperature105 °Clower limit temperature-40 °CgeneralImage: SolderabilityToleranceISO 2768 -mHSolderabilityreflowable	contact material	CuSn
Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Data105 °Cupper limit temperature105 °Clower limit temperature-40 °CgeneralISO 2768 -mHSolderabilityreflowable	Contact surface	Sn
Climatic Data     upper limit temperature   105 °C     lower limit temperature   -40 °C     general   -     Tolerance   ISO 2768 -mH     Solderability   reflowable	Glow-Wire Flammability GWFI	850 °C acc. to IEC 60695-2-12
upper limit temperature   105 °C     lower limit temperature   -40 °C     general   -     Tolerance   ISO 2768 -mH     Solderability   reflowable	Glow-Wire Flammability GWIT	775 °C acc. to IEC 60695-2-13
Inversion -40 °C   general -40 °C   Tolerance ISO 2768 -mH   Solderability reflowable	Climatic Data	
general   Tolerance ISO 2768 -mH   Solderability reflowable	upper limit temperature	105 °C
Tolerance ISO 2768 -mH   Solderability reflowable	lower limit temperature	-40 °C
Solderability reflowable	general	
	Tolerance	ISO 2768 -mH
Application note	Solderability	reflowable
	Application note	

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