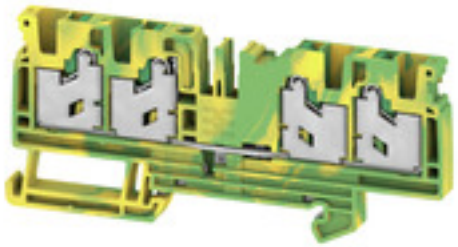
S4C 4 PE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



General ordering data

Version	PE terminal, SNAP IN, Green/yellow, 4 mm², 1000 V, Number of connections: 4, Number of levels: 1, TS 35, V-0, Wemid
Order No.	2874900000
Type	S4C 4 PE
GTIN (EAN)	4064675649939
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	41.5 mm	Depth (inches)	1.634 inch
Height	94 mm	Height (inches)	3.701 inch
Width	6.1 mm	Width (inches)	0.24 inch
Net weight	24.676 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	Green/yellow
Colour of operational elements	green	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV22ATEX8925U	Certificate No. (IECEX)	IECEXTUR22.0073U
Wire cross section max. (ATEX)	6 mm²	Wire cross section max. (IECEX)	6 mm²

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	4
Number of potentials per tier	1	Rail	TS 35
N-function	No	PE function	Yes
PEN function	No		

Additional technical data

Explosion-tested version	Yes	Open sides	right
Snap-on	Yes	Type of fixing	Snap-on
Type of mounting	TS 35		

CSA rating data

Certificate No. (CSA)	227442-80219640	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	20 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	SNAP IN

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm²
Clamping range, min.	0.75 mm²	Connection cross-section, stranded, max.	4 mm²
Connection cross-section, stranded, min.	0.75 mm²	Connection direction	top
Gauge to IEC 60947-1	A4	Number of connections	4
Stripping length	12 mm	Twin wire-end ferrules, max.	1.5 mm²
Twin wire-end ferrules, min.	0.5 mm²	Type of connection	SNAP IN
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross section, finely stranded, min.	0.75 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.75 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.75 mm²
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0.75 mm²

General

Rail	TS 35	Standards	IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 20

Rating data

Rated cross-section	4 mm²	Rated voltage to adjoining terminal	1,000 V
Rated DC voltage	1,000 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	8 kV
Rated impulse withstand voltage to adjacent terminal	8 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	20 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	20 AWG		

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 9.0	27-14-11-41
ECLASS 9.1	27-14-11-41	ECLASS 10.0	27-14-11-41
ECLASS 11.0	27-14-11-41	ECLASS 12.0	27-14-11-41
ECLASS 13.0	27-25-01-03	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

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Technical data

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals

Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319240/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319213/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate ATEX Certificate CCCEx Certificate UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10 CE Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	User Manual SNAP IN NTI S4C 4

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Drawings

