

3542.2 ZRK 2,5/2x2A/D2 BG



Double-level terminal with electronic components, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Beige

Business data

Article number	<u>3542.2</u>
Article name	ZRK 2,5/2x2A/D2 BG
GTIN (EAN)	4044211058838
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	1.1 g
Weight per piece (including packaging)	1.3 g
Unit of weight	G
Customs number	85369010
Country of origin	BG
Product description	Double-level terminals with electronic components
Colour	Beige

Technical data

Dimensions

Length	83.6 mm
Width	5.1 mm
Height TS 35/7.5	39 mm

Ratings

Rated voltage	800 V
Rated current	24 A
Rated cross-section	2.5 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	0.77 W

Connection data

Connection principle	Tension-spring connection
Connection position	Diagonal
Connections	2 x 2
Number of terminals per level	4
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.5 mm ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.5 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Wire cross-section AWG, min.	20
Wire cross-section AWG, max.	12
Stripping length	10 mm

Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C

Technical data

Further technical data

Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	1
End plate required	✓
Diode	1N4007 / 1000V / 1A
Number of test pick-off options	2

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
--------------	----------------

EAC approval granted	yes
----------------------	-----

CSA approval

CSA approval	C22.2 No 158
--------------	--------------

CSA approval granted	yes
----------------------	-----

CSA Usegroup C: rated voltage	600 V
-------------------------------	-------

CSA Usegroup C: rated current	27 A
-------------------------------	------

CSA wire cross-section AWG, min.	20
----------------------------------	----

CSA wire cross-section AWG, max.	12
----------------------------------	----

CSA stripping length	10 mm
----------------------	-------

CSAus approval

CSAus approval	UL 1059
----------------	---------

CSAus approval granted	yes
------------------------	-----

CSAus Usegroup C: rated voltage	600 V
---------------------------------	-------

CSAus Usegroup C: rated current	27 A
---------------------------------	------

CSAus wire cross-section AWG, min.	20
------------------------------------	----

CSAus wire cross-section AWG, max.	12
------------------------------------	----

CSAus stripping length	10 mm
------------------------	-------

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
--------------------	-------------------

KEMA KEUR approval granted	yes
----------------------------	-----

KEMA rated voltage	800 V
--------------------	-------

KEMA rated current	1 A
--------------------	-----

KEMA rated impulse voltage	8 kV
----------------------------	------

KEMA wire cross-section single core (rigid), min.	0.5 mm ²
---	---------------------

KEMA wire cross-section single-core (rigid), max.	4 mm ²
---	-------------------

KEMA wire cross-section stranded, min.	0.5 mm ²
--	---------------------

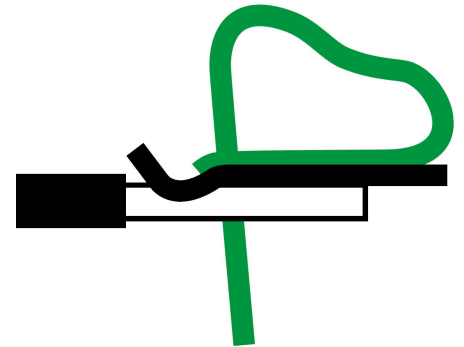
KEMA wire cross-section stranded, max.	4 mm ²
--	-------------------

Approvals

UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	1 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	1 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	1 A
UL wire cross-section single-core (rigid) AWG, min.	20
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	20
UL wire cross-section stranded AWG, max.	12
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

Media



3542.2 ZRK 2,5/2x2A/D2 BG

Accessories

End plate

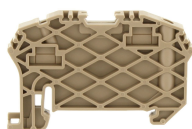
End plate, Width: 2 mm, Colour: Beige



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3702.2</u>	ZAP 2,5/4A BG	4044211060091	50

End stop

End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 6 mm, Colour: Beige



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3748.2</u>	ZES 35 BG	4044211060572	50

Test adapter

Test adapter, Pitch size: 5.1 mm, Colour: Beige



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3740.2</u>	ZTA 2,5 BG	4044211060497	10 ST

Quick marking

Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 5 mm, Colour: White



Article number	Article name	GTIN (EAN)	Packaging unit
<u>4600.7</u>	PMC SB 5/50 WH	4044211088903	500 ST

Four-way cover

3542.2 ZRK 2,5/2x2A/D2 BG

Cover, Length: 6.7 mm, Width: 20.4 mm, Colour: Yellow



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3706.0</u>	ZAD 2,5/4/B YE	4044211060244	20 ST

Reducing sleeves

Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: Grey



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3751.6</u>	ZRH 2,5/0,25-0,5 GR	4044211060602	1000 ST

Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: White



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3750.7</u>	ZRH 2,5/0,13-0,2 WH	4044211060596	1000 ST

Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: Black



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3752.4</u>	ZRH 2,5/0,75-1,0 BK	4044211060619	1000 ST