



Feed-through terminal, Tension-spring connection, Mounting type: Plug in, Rated cross-section: 2.5 mm², Width: 56.1 mm, Colour: Beige

Business data

Article number	<u>17471.2</u>
Article name	ZST 2,5/11/1A BG
GTIN (EAN)	4044211205140
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	38.21 g
Weight per piece (including packaging)	42.91 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Feed-through terminal
Colour	Beige

Technical data

Dimensions

Length	42 mm
Width	56.1 mm
Height	16.5 mm
Pitch	5 mm

Ratings

Rated voltage	500 V
Rated current	24 A
Rated cross-section	2.5 mm ²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

Connection data

Connection principle	Tension-spring connection
Connections	11
No. of poles	11
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	Plug in
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	-
Number of test pick-off options	11

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	300 V
-------------------------------	-------

CSA Usegroup C: rated current	20 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	300 V
---------------------------------	-------

CSAus Usegroup C: rated current	20 A
---------------------------------	------

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

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

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

cUL Recognized

cUL approval	C22.2 No 158
--------------	--------------

cUL Usegroup B: rated voltage	300 V
-------------------------------	-------

cUL Usegroup B: rated current	20 A
-------------------------------	------

cUL Usegroup C: rated voltage	300 V
-------------------------------	-------

cUL Usegroup C: rated current	20 A
-------------------------------	------

cUL Usegroup D: rated voltage	300 V
-------------------------------	-------

cUL Usegroup D: rated current	20 A
-------------------------------	------

cUL wire cross-section single-core (rigid) AWG, min.	20
--	----

cUL wire cross-section single-core (rigid) AWG, max.	12
--	----

cUL wire cross-section stranded AWG, min.	20
---	----

cUL wire cross-section stranded AWG, max.	12
---	----

cUL wire material	Cu
-------------------	----

cUL Recognized	1
----------------	---

Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	500 V
KEMA rated current	24 A
KEMA rated impulse voltage	6 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

UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	20 A
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	20 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	20 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



EAC



C UL[®] US



C SF[®] US

Accessories

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

ZST-strain relief



Strain relief, Colour: Orange

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3688.3</u>	ZST-Z OG	4044211177928	50 ST
