

Data sheet

Commercial Art.No.: 93.421.0553.1

connector BST14i2F B1 ZR1 S MGN01

BST14i2 Connector, number of poles 2, female, connection type spring clamp connection, rated voltage 50 V, rated current 3 A, cable diameter 5.5 - 6.5 mm, color of coding/ contact carrier green



Commercial Art.No.	93.421.0553.1
EAN	4015573442542
Order Unit	1

certificates / approvals



Technical data

general

rated current	3 A
rated voltage	50 V
rated impulse voltage	0.8 kV
strain relief	yes
pollution degree	2
mechanical coding	yes
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	green
marking of poles	1+, 2-
color of housing inclusive strain relief	black

connection data

cable diameter max.	6.5 mm
cable diameter min.	5.5 mm
connection cross section solid mm ² max.	0.75 mm ²
connection cross section solid mm ² min.	0.25 mm ²
terminations per pole	1
sheath strip length	21 mm
wire strip length	9 mm

model

model	female
connection type	spring clamp connection
degree of protection (IP)	IP20

material

housing material	polyamide
halogen free	yes
contact material	CuBe
fire load	0.035 kWh
insulation components continuous temperature	100 °C
surface finish	gilt

dimensions

length	47 mm
width	15.2 mm
height	14.4 mm

classification

ECLASS 11	
ECLASS 8.1	27440605
ETIM 9.0	EC002560
ETIM 8.0	EC002560
ETIM 7.0	EC003250
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

Fits with

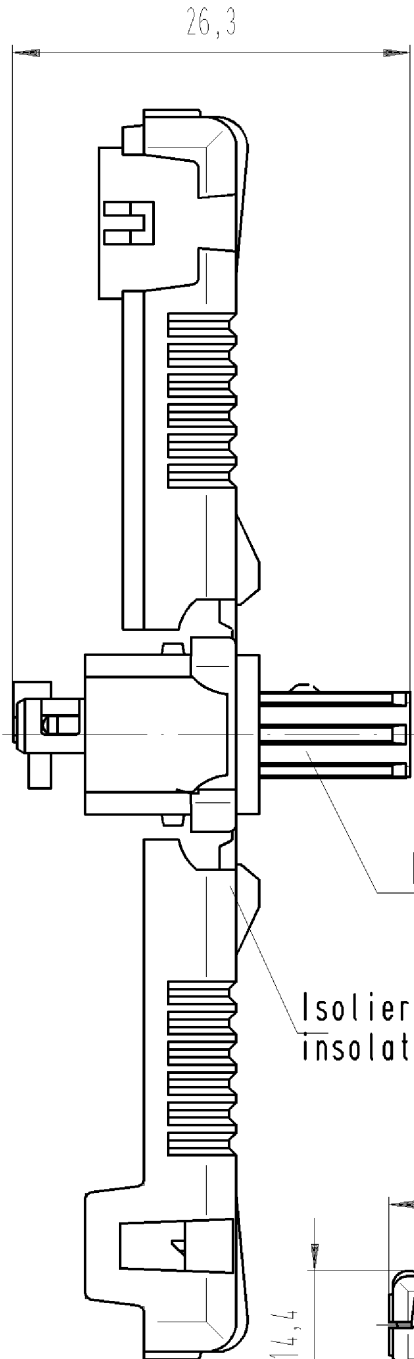
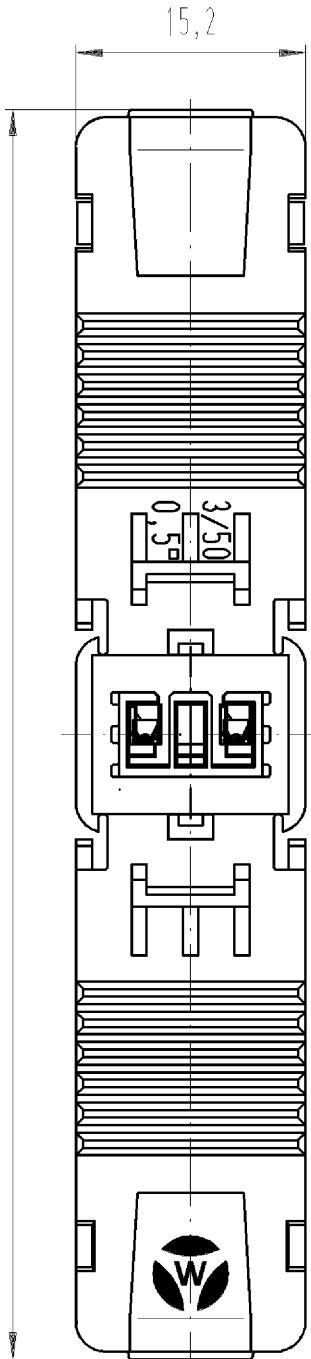
Commercial Art.No.:	Article-type description:	Description:
93.422.0553.1	connector BST14I2F S1 ZR1 S MGN01	BST14i2 Connector, number of poles 2, male, connection type spring clamp connection, rated voltage 50 V, rated current 3 A, cable diameter 5.5 - 6.5 mm, color of coding/ contact carrier green
93.420.0653.0	distributor BST14I2V 2P1T GN01	BST14i2 Distributor, without fastening option, number of poles 2, rated voltage 50 V, rated current 3 A, number of inputs 1, number of outputs 2, color of coding/ contact carrier green
93.422.0353.1	device connector BST14I2F S1 R S GN01	BST14i2 Device connector, snap-in, housing material thickness 0.5 - 1.5 mm, number of poles 2, model male, connection type spring clamp connection, rated voltage 50 V, rated current 3 A, color of coding/ contact carrier green
93.422.0653.1	device connector BST14I2L S1 GN01	BST14i2 Device connector, solder connector, horizontal, without fastening flange, number of poles 2, model male, connection type Soldering connection, rated voltage 50 V, rated current 3 A, color of coding/ contact carrier green
94.425.1000.7	cable assembly BST14I2KFBS 50 10GN01	BST14i2 connecting cable, female - male, number of poles 2, rated voltage 50 V, rated current 3 A, cable type FB-2Y(ST)Y 2x2x0,8, fire class Eca, total length 1 m, nominal cross section conductor 0.5 mm², color of coding/ contact carrier green
94.425.1003.7	cable assembly BST14I2KFB- 50 10GN01	BST14i2 connection cable, female - free end, number of poles 2, rated voltage 50 V, rated current 3 A, cable type FB-2Y(ST)Y 2x2x0,8, fire class Eca, total length 1 m, nominal cross section conductor 0.5 mm², color of coding/ contact carrier green

94.425.1004.7	cable assembly BST14I2KF-S 50 10GN01	BST14i2 connection cable, male - free end, number of poles 2, rated voltage 50 V, rated current 3 A, cable type FB-2Y(ST)Y 2x2x0,8, fire class Eca, total length 1 m, nominal cross section conductor 0.5 mm ² , color of coding/ contact carrier green
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A
B
C
D
E
F

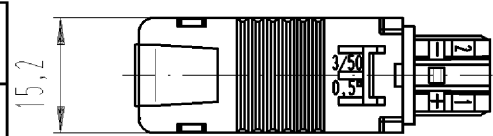
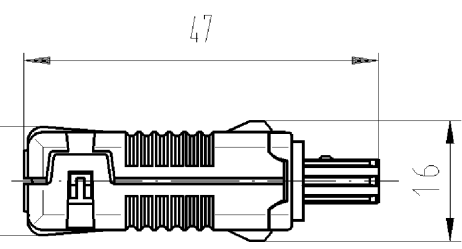
- These dimensions will be especially checked at delivery
- Only inspection dimensions
- With /E marked dimensions are only valid for internal use
- Diese Maße werden bei Abnahme besonders geprüft
- Ausschließlich Prüfmaße
- Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

82,7



Buchseneinsatz grün
socket insert green

Isoliergehäuse schwarz oder weiß
insulating housing black or white



M 1:1

Teile-Nr. part-no.	Typ type	Farbe colour
93.421.0553.0	BST1412F B1 ZR1 W MGN01	weiß / white
93.421.0553.1	BST1412F B1 ZR1 S MGN01	schwarz / black

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167.
(This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TQM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1.Verwendung: -
First Use:

Blatt: 1 von 1
Sheet: 1 of 1

			Werkstoff/Material		2006	Tag/Date	Name	Zeichnung Nr./Drawing No.		Index
					gezeichnet drawn	14.03.	Schmitt J.	93.421.0553.0 01K		
			Maßstab/Scale		geprüft checked	-	-	Maße in mm/Dimensions are in mm		
			2:1		Normgepr. Stand. check	-	-			
			Vol.	mm³	Offl./Surf.	mm²	Ersatz für/Replacement for: -			
			wieland		Type		Benennung/Title			
							BUCHSENTEIL			
							Federkraftanschluß			
Index		Datum / Blatt Date / Sheet						Female connector / Spring-loaded connection		
Änderung/Revision										

Weitere Daten siehe Katalog
further data see further data see
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