FIXED PRINTED CIRCUIT

US Pin Spacing[a]
Tubular Screw Clamp

For wire-to-board connections in lighter duty applications with strict budgets and where infrequent wire terminations are expected.

The AK(Z)110 is available in Top Wire Entry. Please contact Altech for information.

- Multipole, Modular Design
- Wire Protector Standard
- Housing Material: Polyamide 6.6
- Standard Color: Gray

[a]Blocks with metric pin spacing begin on page 132.

AKZ500
Front Wire Entry

Pin Spacing 5.08mm (.200)
Stripping Length 6mm (.236)
Screw Hole Diameter 3mm (.118)

AK(Z)505
Top Wire Entry

Pin Spacing 5mm (.197)[b]
Stripping Length 5mm (.197)
Screw Hole Diameter 3mm (.118)

Ratings

IEC/VDE
(File No. E101811)
(File No. LR68503)

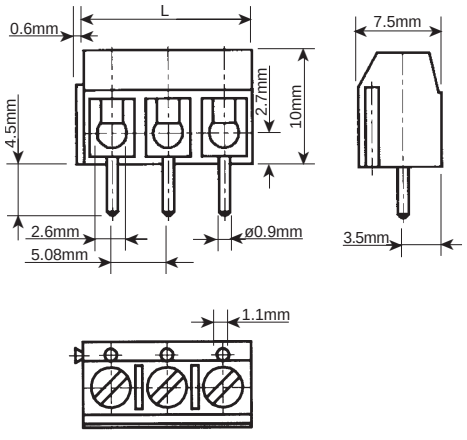
Wire Range	Current	Voltage
0.5-1.5mm²	16A	250V
22-14 AWG	15A	300V
22-14 AWG	15A	300V

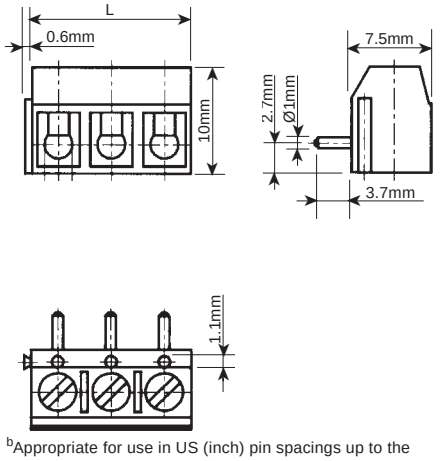
Wire Range	Current	Voltage
0.5-1.5mm²	16A	250V
22-14 AWG	15A	300V
22-14 AWG	15A	300V

Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Terminal Block, US (Inch) Pin Spacing	**2**	AKZ500/2wp	**34.102**	10.16 (.40)	100	AK(Z)505/2wp	**30.752**	10.00 (.39)	100
	3	AKZ500/3wp	**34.103**	15.24 (.60)	100	AK(Z)505/3wp	**30.753**	15.00 (.59)	100
	4	AKZ500/4wp	**34.104**	20.32 (.80)	50	AK(Z)505/4wp	**30.754**	20.00 (.79)	50
	5	AKZ500/5wp	**34.105**	25.40 (1.00)	50	AK(Z)505/5wp	**30.755**	25.00 (.99)	50
	6	AKZ500/6wp	**34.106**	30.48 (1.20)	50	AK(Z)505/6wp	**30.756**	30.00 (1.18)	50
	7	AKZ500/7wp	**34.107**	35.56 (1.40)	30				
	8	AKZ500/8wp	**34.108**	40.64 (1.60)	30				
	9	AKZ500/9wp	**34.109**	45.72 (1.80)	30				
	10	AKZ500/10wp	**34.110**	50.80 (2.00)	30				
	11	AKZ500/11wp	**34.111**	55.88 (2.20)	20				
	12	AKZ500/12wp	**34.112**	60.98 (2.40)	20				
	13	AKZ500/13wp	**34.113**	66.04 (2.60)	20				
	14	AKZ500/14wp	**34.114**	71.14 (2.80)	20				
	15	AKZ500/15wp	**34.115**	76.20 (3.00)	20				
	16	AKZ500/16wp	**34.116**	81.28 (3.20)	15				
	17	AKZ500/17wp	**34.117**	86.36 (3.40)	15				
	18	AKZ500/18wp	**34.118**	91.44 (3.60)	15				
	19	AKZ500/19wp	**34.119**	96.52 (3.80)	15				
	20	AKZ500/20wp	**34.120**	101.60 (4.00)	15				
	21	AKZ500/21wp	**34.121**	106.68 (4.20)	10				
	22	AKZ500/22wp	**34.122**	111.76 (4.40)	10				
	23	AKZ500/23wp	**34.123**	116.84 (4.60)	10				
	24	AKZ500/24wp	**34.124**	121.92 (4.80)	10				

Dimensions

mm	in.	mm	in.
0.60	0.024	3.70	0.146
0.70	0.028	3.90	0.154
0.90	0.035	4.00	0.157
1.00	0.039	4.50	0.177
1.10	0.043	5.08	0.200
2.00	0.079	7.50	0.295
2.60	0.102	9.00	0.354
2.70	0.106	10.00	0.394
3.10	0.122	12.50	0.492
3.40	0.134	13.00	0.512
3.50	0.138		





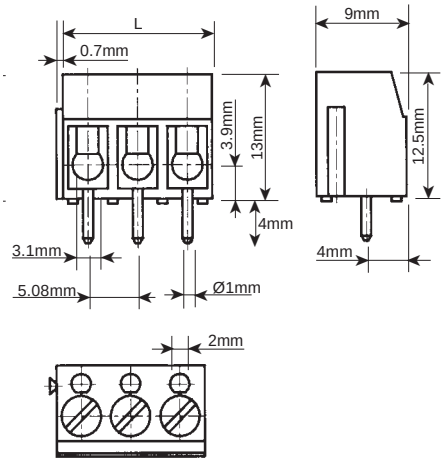
[b]Appropriate for use in US (inch) pin spacings up to the number of poles shown.

AKZ120
Front Wire Entry

Pin Spacing 5.08mm (.200)
Stripping Length 7mm (.276)
Screw Hole Diameter 3.5mm (.138)

Wire Range	Current	Voltage
0.5-2.5mm²	16A	250V
22-14 AWG	15A	300V
22-14 AWG	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
AKZ120/2wp	**30.202**	10.16 (.40)	100
AKZ120/3wp	**30.203**	15.24 (.60)	100
AKZ120/4wp	**30.204**	20.32 (.80)	50
AKZ120/5wp	**30.205**	25.40 (1.00)	50
AKZ120/6wp	**30.206**	30.48 (1.20)	50
AKZ120/7wp	**30.207**	35.56 (1.40)	30
AKZ120/8wp	**30.208**	40.64 (1.60)	30
AKZ120/9wp	**30.209**	45.72 (1.80)	30
AKZ120/10wp	**30.210**	50.80 (2.00)	30
AKZ120/11wp	**30.211**	55.88 (2.20)	20
AKZ120/12wp	**30.212**	60.98 (2.40)	20
AKZ120/13wp	**30.213**	66.04 (2.60)	20
AKZ120/14wp	**30.214**	71.14 (2.80)	20
AKZ120/15wp	**30.215**	76.20 (3.00)	20
AKZ120/16wp	**30.216**	81.28 (3.20)	15
AKZ120/17wp	**30.217**	86.36 (3.40)	15
AKZ120/18wp	**30.218**	91.44 (3.60)	15
AKZ120/19wp	**30.219**	96.52 (3.80)	15
AKZ120/20wp	**30.220**	101.60 (4.00)	15
AKZ120/21wp	**30.221**	106.68 (4.20)	10
AKZ120/22wp	**30.222**	111.76 (4.40)	10
AKZ120/23wp	**30.223**	116.84 (4.60)	10
AKZ120/24wp	**30.224**	121.92 (4.80)	10

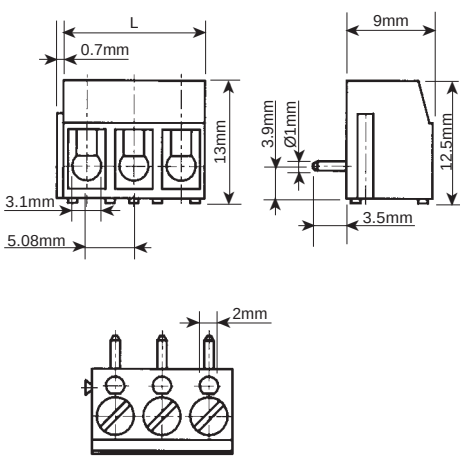


AKZ125
Top Wire Entry

Pin Spacing 5.08mm (.200)
Stripping Length 6mm (.236)
Screw Hole Diameter 3.5mm (.138)

Wire Range	Current	Voltage
0.5-2.5mm²	16A	250V
22-14 AWG	15A	300V
22-14 AWG	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
AKZ125/2wp	**30.252**	10.16 (.40)	100
AKZ125/3wp	**30.253**	15.24 (.60)	100
AKZ125/4wp	**30.254**	20.32 (.80)	50
AKZ125/5wp	**30.255**	25.40 (1.00)	50
AKZ125/6wp	**30.256**	30.48 (1.20)	50
AKZ125/7wp	**30.257**	35.56 (1.40)	30
AKZ125/8wp	**30.258**	40.64 (1.60)	30
AKZ125/9wp	**30.259**	45.72 (1.80)	30
AKZ125/10wp	**30.260**	50.80 (2.00)	30
AKZ125/11wp	**30.261**	55.88 (2.20)	20
AKZ125/12wp	**30.262**	60.98 (2.40)	20
AKZ125/13wp	**30.263**	66.04 (2.60)	20
AKZ125/14wp	**30.264**	71.14 (2.80)	20
AKZ125/15wp	**30.265**	76.20 (3.00)	20
AKZ125/16wp	**30.266**	81.28 (3.20)	15
AKZ125/17wp	**30.267**	86.36 (3.40)	15
AKZ125/18wp	**30.268**	91.44 (3.60)	15
AKZ125/19wp	**30.269**	96.52 (3.80)	15
AKZ125/20wp	**30.270**	101.60 (4.00)	15
AKZ125/21wp	**30.271**	106.68 (4.20)	10
AKZ125/22wp	**30.272**	111.76 (4.40)	10
AKZ125/23wp	**30.273**	116.84 (4.60)	10
AKZ125/24wp	**30.274**	121.92 (4.80)	10

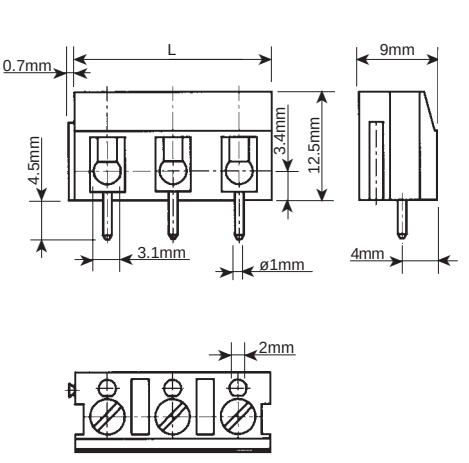


AK(Z)110
Front Wire Entry

Pin Spacing 7.5mm (.295)[c]
Stripping Length 6mm (.236)
Screw Hole Diameter 3.5mm (.138)

Wire Range	Current	Voltage
0.5-2.5mm²	16A	500V
22-14 AWG	15A	300V
22-14 AWG	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
AK(Z)110/2wp	**30.102**	15.00 (.59)	100
AK(Z)110/3wp	**30.103**	22.50 (.89)	100
AK(Z)110/4wp	**30.104**	30.00 (1.18)	50
AK(Z)110/5wp	**30.105**	37.50 (1.48)	50



[c]Appropriate for use in US (inch) pin spacings up to the number of poles shown providing minimum PC Board Hole Size is 1.5mm(.059 in.)

FIXED PRINTED CIRCUIT

US Pin Spacing[a]
Screw-Cage Clamp

For wire-to-board connections in industrial applications and where frequent wire terminations occur.

- Multipole, Modular Design
- Housing Material: Polyamide 6.6
- Standard Color: AKZ300 is Gray, all others are green

[a]Blocks with metric pin spacing begin on page 132.

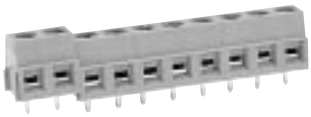
NEW

AKZ300

45° Wire Entry

Pin Spacing 5.08mm (.200)
Stripping Length 7mm (.276)
Screw Hole Diameter 3.5mm (.138)

Minimum clearance, small footprint conserves valuable PCB real estate



AKZ250

Front Wire Entry

Pin Spacing 5.08mm (.200)
Stripping Length 7mm (.276)
Screw Hole Diameter 3.5mm (.138)

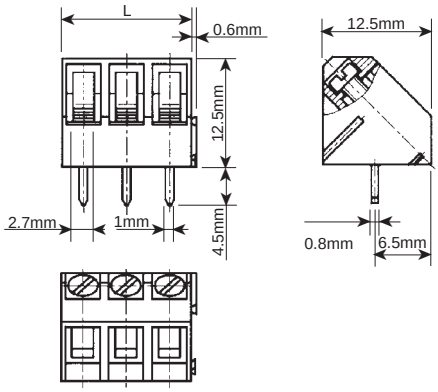
Ratings	Wire Range	Current	Voltage
IEC/VDE	0.5-2.5mm²	16A	250V
(File No. E101811)	22-12 AWG	15A	300V
(File No. LR68503)	22-12 AWG	15A	300V

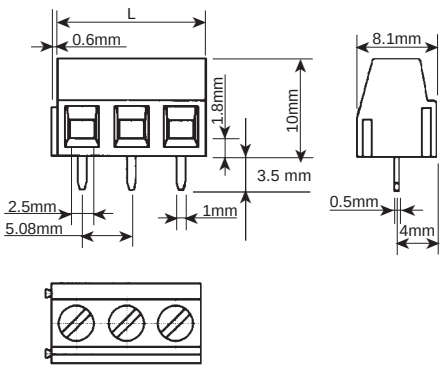
Ratings	Wire Range	Current	Voltage
	0.5-1.5mm²	16A	250V
	28-14 AWG	15A	300V
	28-14 AWG	10A	300V

Ordering Information	Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Terminal Block, US (Inch) Pin Spacing	**2**	AKZ300/2	**30.652**	10.16 (.40)	100	AKZ250/2	**32.402**	10.16 (.40)	100
	3	AKZ300/3	**30.653**	15.24 (.60)	100	AKZ250/3	**32.403**	15.24 (.60)	100
	4	AKZ300/4	**30.654**	20.32 (.80)	50	AKZ250/4	**32.404**	20.32 (.80)	50
	5	AKZ300/5	**30.655**	25.40 (1.00)	50	AKZ250/5	**32.405**	25.40 (1.00)	50
	6	AKZ300/6	**30.656**	30.48 (1.20)	50	AKZ250/6	**32.406**	30.48 (1.20)	50
	7	AKZ300/7	**30.657**	36.56 (1.40)	30	AKZ250/7	**32.407**	35.56 (1.40)	30
	8	AKZ300/8	**30.658**	40.64 (1.60)	30	AKZ250/8	**32.408**	40.64 (1.60)	30
	9	AKZ300/9	**30.659**	45.72 (1.80)	30	AKZ250/9	**32.409**	45.72 (1.80)	30
	10	AKZ300/10	**30.660**	50.80 (2.00)	30	AKZ250/10	**32.410**	50.80 (2.00)	30
	11	AKZ300/11	**30.661**	55.88 (2.20)	20	AKZ250/11	**32.411**	55.88 (2.20)	20
	12	AKZ300/12	**30.662**	60.96 (2.40)	20	AKZ250/12	**32.412**	60.96 (2.40)	20
	13	AKZ300/13	**30.663**	66.04 (2.60)	20	AKZ250/13	**32.413**	66.04 (2.60)	20
	14	AKZ300/14	**30.664**	71.12 (2.80)	20	AKZ250/14	**32.414**	71.12 (2.80)	20
	15	AKZ300/15	**30.665**	76.20 (3.00)	20	AKZ250/15	**32.415**	76.20 (3.00)	20
	16	AKZ300/16	**30.666**	81.28 (3.20)	15	AKZ250/16	**32.416**	81.28 (3.20)	15
	17	AKZ300/17	**30.667**	86.36 (3.40)	15	AKZ250/17	**32.417**	86.36 (3.40)	15
	18	AKZ300/18	**30.668**	91.44 (3.60)	15	AKZ250/18	**32.418**	91.44 (3.60)	15
	19	AKZ300/19	**30.669**	96.52 (3.80)	15	AKZ250/19	**32.419**	96.52 (3.80)	15
	20	AKZ300/20	**30.670**	101.60 (4.00)	15	AKZ250/20	**32.420**	101.60 (4.00)	15
	21	AKZ300/21	**30.671**	106.68 (4.20)	10	AKZ250/21	**32.421**	106.68 (4.20)	10
	22	AKZ300/22	**30.672**	111.76 (4.40)	10	AKZ250/22	**32.422**	111.76 (4.40)	10
	23	AKZ300/23	**30.673**	116.84 (4.60)	10	AKZ250/23	**32.423**	116.84 (4.60)	10
	24	AKZ300/24	**30.674**	121.92 (4.80)	10	AKZ250/24	**32.424**	121.92 (4.80)	10

Dimensions

mm	in.	mm	in.
0.50	0.020	4.50	0.177
0.60	0.024	5.00	0.197
0.80	0.031	5.08	0.200
0.90	0.035	6.50	0.256
1.00	0.039	8.10	0.319
1.80	0.071	9.00	0.354
2.50	0.098	10.00	0.394
2.70	0.106	10.50	0.413
3.00	0.118	12.50	0.492
3.50	0.138	13.50	0.531
4.00	0.157	15.24	0.600
4.40	0.173	19.00	0.748





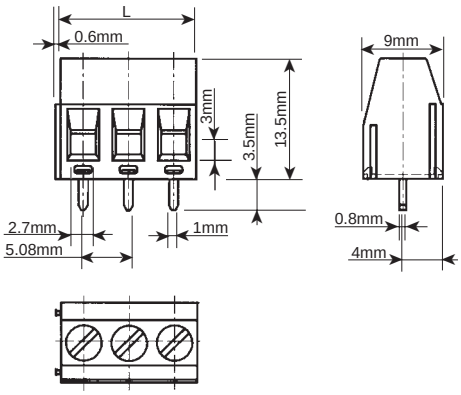
AKZ350

Front Wire Entry

Pin Spacing 5.08mm (.200)
Stripping Length 6mm (.236)
Screw Hole Diameter 3.5mm (.138)

Wire Range	Current	Voltage
0.5-2.5mm²	16A	250V
22-12 AWG	16A	300V
28-14 AWG	16A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
AKZ350/2	**32.052**	10.16 (.40)	100
AKZ350/3	**32.053**	15.24 (.60)	100
AKZ350/4	**32.054**	20.32 (.80)	50
AKZ350/5	**32.055**	25.40 (1.00)	50
AKZ350/6	**32.056**	30.48 (1.20)	50
AKZ350/7	**32.057**	35.56 (1.40)	30
AKZ350/8	**32.058**	40.64 (1.60)	30
AKZ350/9	**32.059**	45.72 (1.80)	30
AKZ350/10	**32.060**	50.80 (2.00)	30
AKZ350/11	**32.061**	55.88 (2.20)	20
AKZ350/12	**32.062**	60.96 (2.40)	20
AKZ350/13	**32.063**	66.04 (2.60)	20
AKZ350/14	**32.064**	71.12 (2.80)	20
AKZ350/15	**32.065**	76.20 (3.00)	20
AKZ350/16	**32.066**	81.28 (3.20)	15
AKZ350/17	**32.067**	86.36 (3.40)	15
AKZ350/18	**32.068**	91.44 (3.60)	15
AKZ350/19	**32.069**	96.52 (3.80)	15
AKZ350/20	**32.070**	101.60 (4.00)	15
AKZ350/21	**32.071**	106.68 (4.20)	10
AKZ350/22	**32.072**	111.76 (4.40)	10
AKZ350/23	**32.073**	116.84 (4.60)	10
AKZ350/24	**32.074**	121.92 (4.80)	10



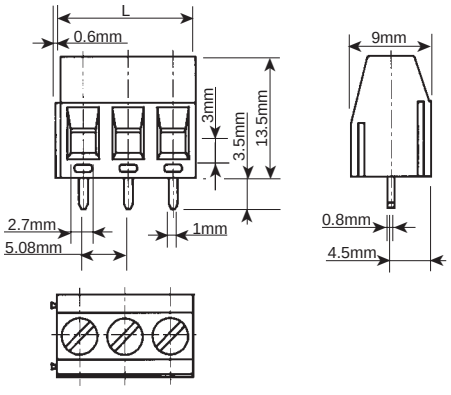
AKZ351

Front Wire Entry

Pin Spacing 5.08mm (.200)
Stripping Length 6mm (.236)
Screw Hole Diameter 3.5mm (.138)

Wire Range	Current	Voltage
0.5-2.5mm²	16A	250V
22-12 AWG	16A	300V
28-14 AWG	16A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
AKZ351/2	**33.052**	10.16 (.40)	100
AKZ351/3	**33.053**	15.24 (.60)	100
AKZ351/4	**33.054**	20.32 (.80)	50
AKZ351/5	**33.055**	25.40 (1.00)	50
AKZ351/6	**33.056**	30.48 (1.20)	50
AKZ351/7	**33.057**	35.56 (1.40)	30
AKZ351/8	**33.058**	40.64 (1.60)	30
AKZ351/9	**33.059**	45.72 (1.80)	30
AKZ351/10	**33.060**	50.80 (2.00)	30
AKZ351/11	**33.061**	55.88 (2.20)	20
AKZ351/12	**33.062**	60.96 (2.40)	20
AKZ351/13	**33.063**	66.04 (2.60)	20
AKZ351/14	**33.064**	71.14 (2.80)	20
AKZ351/15	**33.065**	76.20 (3.00)	20
AKZ351/16	**33.066**	81.28 (3.20)	15
AKZ351/17	**33.067**	86.36 (3.40)	15
AKZ351/18	**33.068**	91.44 (3.60)	15
AKZ351/19	**33.069**	96.52 (3.80)	15
AKZ351/20	**33.070**	101.60 (4.00)	15
AKZ351/21	**33.071**	106.68 (4.20)	10
AKZ351/22	**33.072**	111.76 (4.40)	10
AKZ351/23	**33.073**	116.84 (4.60)	10
AKZ351/24	**33.074**	121.92 (4.80)	10



Test probe slot openings on back for access to pins

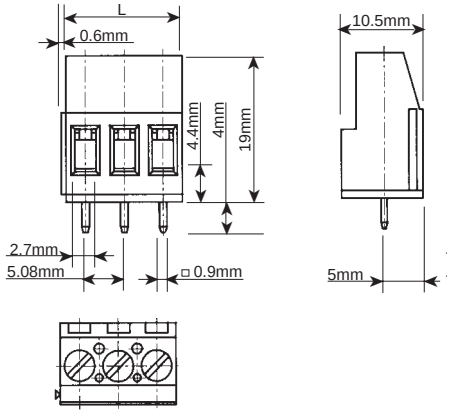
AKZ700

Front Wire Entry

Pin Spacing 5.08mm (.200)
Stripping Length 8mm (.315)
Screw Hole Diameter 3mm (.118)

Wire Range	Current	Voltage
0.5-4mm²	16A	250V
22-12 AWG	15A	300V
22-12 AWG	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
AKZ700/2	**30.852**	10.16 (.40)	100
AKZ700/3	**30.853**	15.24 (.60)	100
AKZ700/4	**30.854**	20.32 (.80)	50
AKZ700/5	**30.855**	25.40 (1.00)	50
AKZ700/6	**30.856**	30.48 (1.20)	50
AKZ700/7	**30.857**	35.56 (1.40)	30
AKZ700/8	**30.858**	40.64 (1.60)	30
AKZ700/9	**30.859**	45.72 (1.80)	30
AKZ700/10	**30.860**	50.80 (2.00)	30
AKZ700/11	**30.861**	55.88 (2.20)	20
AKZ700/12	**30.862**	60.96 (2.40)	20
AKZ700/13	**30.863**	66.04 (2.60)	20
AKZ700/14	**30.864**	71.12 (2.80)	20
AKZ700/15	**30.865**	76.20 (3.00)	20
AKZ700/16	**30.866**	81.28 (3.20)	15
AKZ700/17	**30.867**	86.36 (3.40)	15
AKZ700/18	**30.868**	91.44 (3.60)	15
AKZ700/19	**30.869**	96.52 (3.80)	15
AKZ700/20	**30.870**	101.60 (4.00)	15
AKZ700/21	**30.871**	106.68 (4.20)	10
AKZ700/22	**30.872**	111.76 (4.40)	10
AKZ700/23	**30.873**	116.84 (4.60)	10
AKZ700/24	**30.874**	121.92 (4.80)	10



FIXED PRINTED CIRCUIT
DOUBLE AND SINGLE LEVEL
US Pin Spacing[a]
Screw-Cage Clamp

For wire-to-board connections in industrial applications and where frequent wire terminations occur.

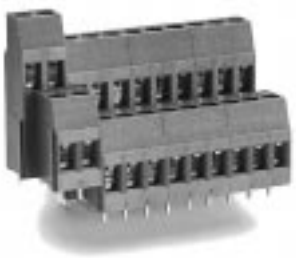
Use Double Level where space requirements call for high density wiring.

- Multipole, Modular Design
- Housing Material: Polyamide 6.6
- Standard Color: Green

[a]Blocks with metric pin spacing begin on page 132.

AKZ705
Top Wire Entry

Pin Spacing 5.08mm (.200)
Stripping Length 8mm (.315)
Screw Hole Diameter 3mm (.118)



AKZ750
Front Wire Entry

Pin Spacing 5.08mm (.200)
Stripping Length 8mm (.315)
Screw Hole Diameter 4mm (.158)

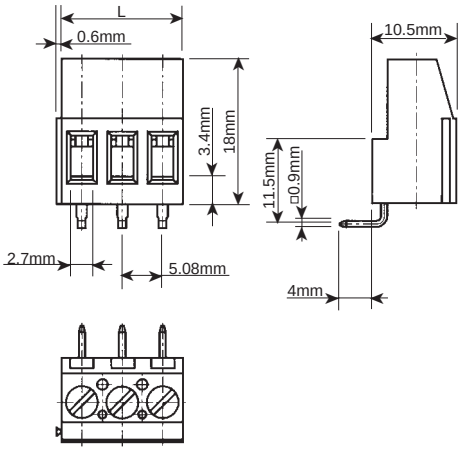
Ratings	Wire Range	Current	Voltage
IEC/VDE	0.5-4mm²	16A	250V
(File No. E101811)	22-12 AWG	15A	300V
(File No. LR68503)	22-12 AWG	15A	300V

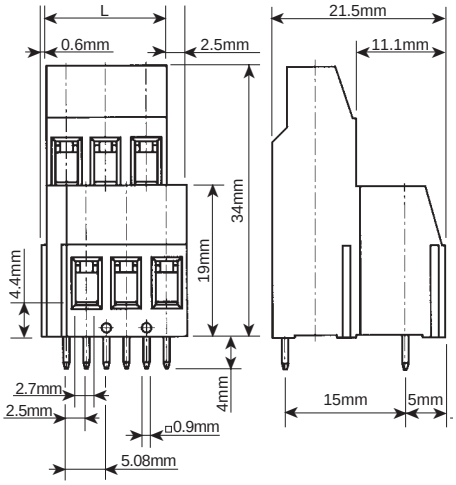
Ratings	Wire Range	Current	Voltage
	0.5-4mm²	16A	250V
	22-12 AWG	15A	300V
	22-12 AWG	15A	300V

Ordering Information	No. of Poles AKZ750 AKZ850	No. of Poles AKZ705 AKZ710 AKZ800	Type	Cat. No.	Length L mm (in.)	Std. Pk.	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Terminal Block, US (Inch) Pin Spacing	4	2	AKZ705/2	**35.152**	10.16 (.40)	100	AKZ750/4	**34.004**	12.70 (.50)	50
	6	3	AKZ705/3	**35.153**	15.24 (.60)	100	AKZ750/6	**34.006**	17.78 (.70)	50
	8	4	AKZ705/4	**35.154**	20.32 (.80)	50	AKZ750/8	**34.008**	22.86 (.90)	25
	10	5	AKZ705/5	**35.155**	25.40 (1.00)	50	AKZ750/10	**34.010**	27.94 (1.10)	25
	12	6	AKZ705/6	**35.156**	30.48 (1.20)	50	AKZ750/12	**34.012**	33.02 (1.30)	25
	14	7	AKZ705/7	**35.157**	35.56 (1.40)	30	AKZ750/14	**34.014**	38.10 (1.50)	15
	16	8	AKZ705/8	**35.158**	40.64 (1.60)	30	AKZ750/16	**34.016**	43.18 (1.70)	15
	18	9	AKZ705/9	**35.159**	45.72 (1.80)	30	AKZ750/18	**34.018**	48.26 (1.90)	15
	20	10	AKZ705/10	**35.160**	50.80 (2.00)	30	AKZ750/20	**34.020**	53.34 (2.10)	15
	22	11	AKZ705/11	**35.161**	55.88 (2.20)	20	AKZ750/22	**34.022**	58.42 (2.30)	10
	24	12	AKZ705/12	**35.162**	60.96 (2.40)	20	AKZ750/24	**34.024**	63.50 (2.50)	10
	26	13	AKZ705/13	**35.163**	66.04 (2.60)	20	AKZ750/26	**34.026**	68.58 (2.70)	10
	28	14	AKZ705/14	**35.164**	71.12 (2.80)	20	AKZ750/28	**34.028**	73.66 (2.90)	10
	30	15	AKZ705/15	**35.165**	76.20 (3.00)	20	AKZ750/30	**34.030**	78.74 (3.10)	10
	32	16	AKZ705/16	**35.166**	81.28 (3.20)	15	AKZ750/32	**34.032**	83.82 (3.30)	10
	34	17	AKZ705/17	**35.167**	86.36 (3.40)	15	AKZ750/34	**34.034**	88.90 (3.50)	10
	36	18	AKZ705/18	**35.168**	91.44 (3.60)	15	AKZ750/36	**34.036**	93.98 (3.70)	10
	38	19	AKZ705/19	**35.169**	96.52 (3.80)	15	AKZ750/38	**34.038**	99.06 (3.90)	10
	40	20	AKZ705/20	**35.170**	101.60 (4.00)	15	AKZ750/40	**34.040**	104.14 (4.10)	5
	42	21	AKZ705/21	**35.171**	106.68 (4.20)	10	AKZ750/42	**34.042**	109.22 (4.30)	5
	44	22	AKZ705/22	**35.172**	111.76 (4.40)	10	AKZ750/44	**34.044**	114.30 (4.50)	5
	46	23	AKZ705/23	**35.173**	116.84 (4.60)	10	AKZ750/46	**34.046**	119.38 (4.70)	5
	48	24	AKZ705/24	**35.174**	121.92 (4.80)	10	AKZ750/48	**34.048**	124.46 (4.90)	5
	50						AKZ750/50	**34.050**	129.54 (5.10)	5

Dimensions

mm	in.	mm	in.
0.60	0.024	10.16	0.400
0.90	0.035	10.50	0.413
2.50	0.098	11.10	0.437
2.70	0.106	11.50	0.453
3.40	0.134	15.00	0.591
4.00	0.157	18.00	0.709
4.40	0.173	19.00	0.748
5.00	0.197	21.50	0.846
5.08	0.200	34.00	1.339
7.62	0.300		



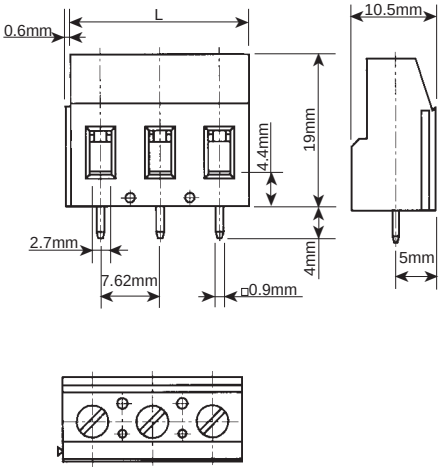


AKZ710
Front Wire Entry

Pin Spacing 7.62mm (.300)
Stripping Length 8mm (.315)
Screw Hole Diameter 3.5mm (.138)

Wire Range	Current	Voltage
0.5-4mm²	16A	500V
22-12 AWG	15A	300V
22-12AWG	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
AKZ710/2	**31.702**	15.24 (.60)	100
AKZ710/3	**31.703**	22.86 (.90)	100
AKZ710/4	**31.704**	30.48 (1.20)	50
AKZ710/5	**31.705**	38.10 (1.50)	50
AKZ710/6	**31.706**	45.72 (1,80)	50
AKZ710/7	**31.707**	53.34 (2.10)	30
AKZ710/8	**31.708**	60.96 (2.40)	30
AKZ710/9	**31.709**	68.58 (2.70)	30
AKZ710/10	**31.710**	76.20 (3.00)	30
AKZ710/11	**31.711**	83.82 (3.30)	20
AKZ710/12	**31.712**	91.44 (3.60)	20
AKZ710/13	**31.713**	99.06 (3.90)	20
AKZ710/14	**31.714**	106.68 (4.20)	20
AKZ710/15	**31.715**	114.30 (4.50)	20

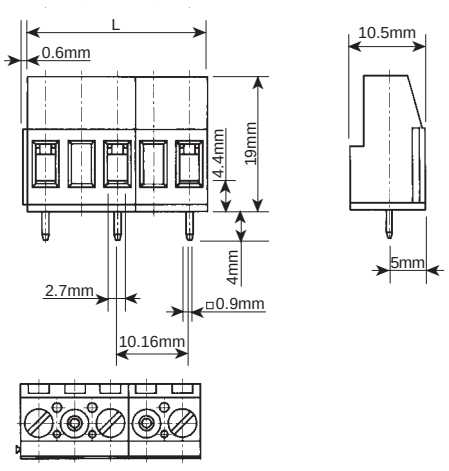


AKZ800
Front Wire Entry

Pin Spacing 10.16mm (.400)
Stripping Length 8mm (.315)
Screw Hole Diameter 3.5mm (.138)

Wire Range	Current	Voltage
0.5-4mm²	16A	630V
22-12 AWG	15A	300V
22-12 AWG	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
AKZ800/2	**39.152**	15.24 (.60)	100
AKZ800/3	**39.153**	25.40 (1.00)	50
AKZ800/4	**39.154**	35.56 (1.40)	30
AKZ800/5	**39.155**	45.72 (1.80)	30
AKZ800/6	**39.156**	55.88 (2.20)	20
AKZ800/7	**39.157**	66.04 (2.60)	20
AKZ800/8	**39.158**	76.20 (3.00)	20
AKZ800/9	**39.159**	86.36 (3.40)	15
AKZ800/10	**39.160**	96.52 (3.80)	15
AKZ800/11	**39.161**	106.68 (4.20)	10
AKZ800/12	**39.162**	116.84 (4.60)	10

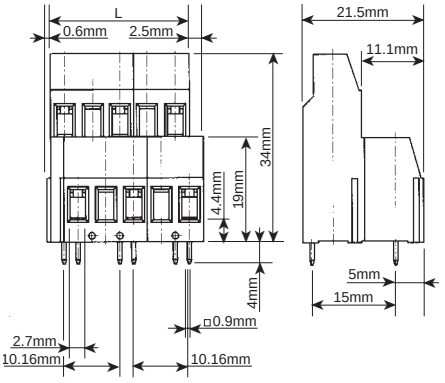


AKZ850
Front Wire Entry

Pin Spacing 10.16mm (.400)
Stripping Length 8mm (.315)
Screw Hole Diameter 4mm (.158)

Wire Range	Current	Voltage
0.5-4mm²	16A	630V
22-12 AWG	15A	300V
22-12 AWG	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
AKZ850/4	**34.754**	17.78 (.70)	50
AKZ850/6	**34.756**	27.94 (1.10)	25
AKZ850/8	**34.758**	38.10 (1.50)	15
AKZ850/10	**34.760**	48.26 (1.90)	15
AKZ850/12	**34.762**	58.42 (2.30)	10
AKZ850/14	**34.764**	68.58 (2.70)	10
AKZ850/16	**34.766**	78.74 (3.10)	10
AKZ850/18	**34.768**	88.90 (3.50)	10
AKZ850/20	**34.770**	99.06 (3.90)	10
AKZ850/22	**34.772**	109.22 (4.30)	10
AKZ850/24	**34.774**	119.38 (4.70)	10



FIXED PRINTED CIRCUIT HIGH CURRENT

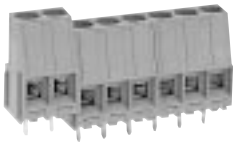
US Pin Spacing[a]

Screw Cage Clamp

For wire to board connections in AC power applications where a high current connection (up to 30 Amps) is required and where frequent terminations occur. Popular 1/4" and 3/8" pin spacings provide replacements for outdated PC board barrier strips.

- Multipole, Modular Design
- Housing Material: Polyamide 6.6
- Standard Color: Green

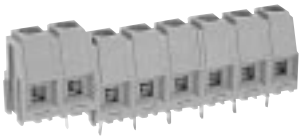
[a]Blocks with metric pin spacing begin on page 132.



AKZ840

Front Wire Entry

Pin Spacing 6.35mm (.250)
Stripping Length 8mm (.315)
Screw Hole Diameter 5.5mm (.217)



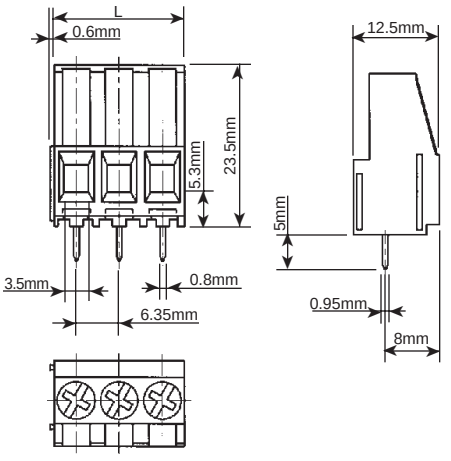
AKZ841

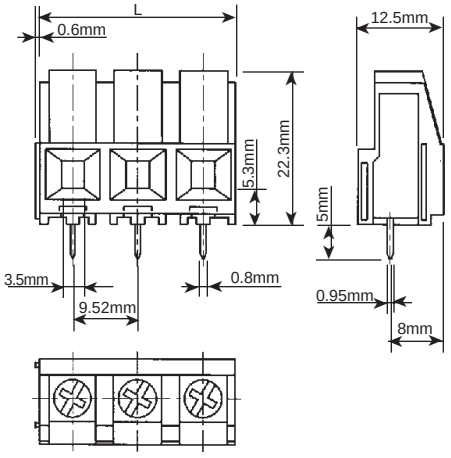
Front Wire Entry

Pin Spacing 9.52mm (.375)
Stripping Length 8mm (.315)
Screw Hole Diameter 5.5mm (.217)

Ratings IEC/VDE	Wire Range	Current	Voltage	Wire Range	Current	Voltage
	0.5-4mm²	32A	500V	0.5-4mm²	32A	630V
	28-10 AWG	30A	300V	28-10 AWG	30A	300V
	22-10 AWG	30A	300V	22-10 AWG	30A	300V

Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Terminal Block, US (Inch) Pin Spacing	**2**	AKZ840/2	**35.302**	12.70 (.50)	100	AKZ841/2	**35.352**	19.00 (.75)	100
	3	AKZ840/3	**35.303**	19.00 (.75)	100	AKZ841/3	**35.353**	28.45 (1.12)	100
	4	AKZ840/4	**35.304**	25.40 (1.00)	50	AKZ841/4	**35.354**	38.00 (1.50)	25
	5	AKZ840/5	**35.305**	31.70 (1.25)	50	AKZ841/5	**35.355**	47.45 (1.87)	25
	6	AKZ840/6	**35.306**	38.00 (1.50)	50	AKZ841/6	**35.356**	56.90 (2.24)	25
	7	AKZ840/7	**35.307**	44.40 (1.75)	30	AKZ841/7	**35.357**	66.45 (2.61)	15
	8	AKZ840/8	**35.308**	50.70 (2.00)	30	AKZ841/8	**35.358**	75.90 (2.99)	15
	9	AKZ840/9	**35.309**	57.00 (2.25)	30	AKZ841/9	**35.359**	85.35 (3.36)	15
	10	AKZ840/10	**35.310**	63.40 (2.50)	30	AKZ841/10	**35.360**	94.90 (3.74)	15
	11	AKZ840/11	**35.311**	69.70 (2.75)	20	AKZ841/11	**35.361**	104.35 (4.11)	10
	12	AKZ840/12	**35.312**	76.00 (3.00)	20	AKZ841/12	**35.362**	113.80 (4.48)	10
	13	AKZ840/13	**35.313**	82.40 (3.25)	20	AKZ841/13	**35.363**	123.35 (4.86)	10
	14	AKZ840/14	**35.314**	88.70 (3.50)	20	AKZ841/14	**35.364**	132.80 (5.23)	10
	15	AKZ840/15	**35.315**	95.00 (3.75)	20	AKZ841/15	**35.365**	142.25 (5.60)	10
	16	AKZ840/16	**35.316**	101.40 (4.00)	20	AKZ841/16	**35.366**	151.80 (5.98)	10





Dimensions

mm	in.	mm	in.
0.60	.024	6.35	.25
0.80	.031	8.00	.314
0.95	.037	9.52	.374
3.50	.138	12.50	.492
5.00	.196	22.30	.877
5.30	.208	23.5	.925

FIXED PRINTED CIRCUIT
US Pin Spacing[a]
Dual Pin Screwless Spring Clamp

Choose from 3 methods of clamp actuation:

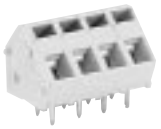
Type AK(Z)3000 - Insert a small screwdriver with a tip width up to 3mm (approx. 1/8") into slot in housing and push to open clamp.

Type AK(Z)3001KD - Push on grooved lever with screwdriver to open clamp.

Type AK(Z)3001FD - Simply push flat lever with finger to open clamp.

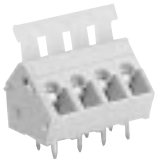
- Interlocking Sectional Design
- Stainless Steel Spring
- Front to Rear Pin Spacing, 5mm (.197 in.)
- Multipole Assemblies Supplied with End Plate Installed.
- Housing Material: Polyamide 6.6
- Standard Color: Light Gray

[a]Blocks with metric pin spacing begin on page 132.

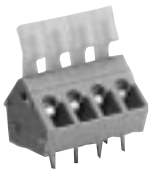


AK(Z)3000
45° Wire Entry
Without Lever

Pin Spacing 5.08mm (.200)[d]
Stripping Length 6mm (.236)



AK(Z)3001KD
45° Wire Entry
With Grooved Push Lever



AK(Z)3001FD
45° Wire Entry
With Flat Push Lever

Pin Spacing 5.08mm (.200)[e]
Stripping Length 6mm (.236)

Ratings IEC/VDE		Wire Range	Current	Voltage
		0.5-2.5mm²	10A	250V
		28-14 AWG	15A	300V
		28-14 AWG	15A	300V

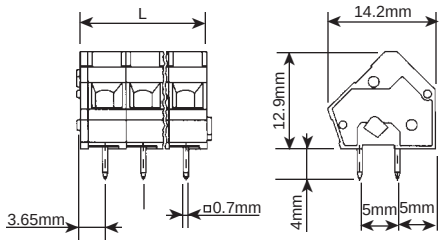
Ordering Information	No. of Poles[c]	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Terminal Block, US (Inch) Pin Spacing	1[b]	AK(Z)3000/1	**32.101**	7.20 (.28)	200[b]
2 through 12 pole assemblies include one end plate	2	AK(Z)3000/2	**32.102**	12.20 (.48)	100
	3	AK(Z)3000/3	**32.103**	17.20 (.67)	100
	4	AK(Z)3000/4	**32.104**	22.20 (.87)	50
	5	AK(Z)3000/5	**32.105**	27.20 (1.07)	50
	6	AK(Z)3000/6	**32.106**	32.20 (1.28)	50
	7	AK(Z)3000/7	**32.107**	37.20 (1.46)	30
	8	AK(Z)3000/8	**32.108**	42.20 (1.66)	30
	9	AK(Z)3000/9	**32.109**	47.20 (1.85)	30
	10	AK(Z)3000/10	**32.110**	52.20 (2.25)	30
	11	AK(Z)3000/11	**32.111**	57.20 (2.25)	20
	12	AK(Z)3000/12	**32.112**	62.20 (2.44)	20
End Plate		AP3000	**32.100**		50

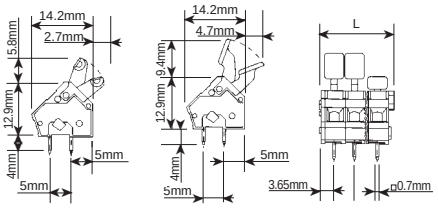
Wire Range	Current	Voltage
0.5-2.5mm²	10A	250V
28-14 AWG	15A	300V
28-14 AWG	15A	300V

Ordering Information	No. of Poles[c]	Type	Cat. No.	Length L mm (in.)	Std. Pk.
With Grooved Push Lever					
Terminal Block, US (Inch) Pin Spacing	1[b]	AK(Z)3001KD/1	**32.201**	7.90 (.31)	200[b]
2 through 12 pole assemblies include one end plate	2	AK(Z)3001KD/2	**32.202**	12.90 (.50)	100
	3	AK(Z)3000KD/3	**32.203**	17.90 (.70)	100
	4	AK(Z)3001KD/4	**32.204**	22.90 (.90)	50
	5	AK(Z)3001KD/5	**32.205**	27.90 (1.10)	50
	6	AK(Z)3001KD/6	**32.206**	32.90 (1.30)	50
	7	AK(Z)3001KD/7	**32.207**	37.90 (1.49)	30
	8	AK(Z)3001KD/8	**32.208**	42.90 (1.69)	30
	9	AK(Z)3001KD/9	**32.209**	47.90 (1.89)	30
	10	AK(Z)3001KD/10	**32.210**	52.90 (2.08)	30
	11	AK(Z)3001KD/11	**32.211**	57.90 (2.28)	20
	12	AK(Z)3001KD/12	**32.212**	62.90 (2.44)	20
With Flat Push Lever					
Terminal Block, US (Inch) Pin Spacing	1[b]	AK(Z)3001FD/1	**32.301**	7.90 (.31)	200[b]
2 through 12 pole assemblies include one end plate	2	AK(Z)3001FD/2	**32.302**	12.90 (.50)	100
	3	AK(Z)3001FD/3	**32.303**	17.90 (.70)	100
	4	AK(Z)3001FD/4	**32.304**	22.90 (.90)	50
	5	AK(Z)3001FD/5	**32.305**	27.90 (1.10)	50
	6	AK(Z)3001FD/6	**32.306**	32.90 (1.30)	50
	7	AK(Z)3001FD/7	**32.307**	37.90 (1.49)	30
	8	AK(Z)3001FD/8	**32.308**	42.90 (1.69)	30
	9	AK(Z)3001FD/9	**32.309**	47.90 (1.89)	30
	10	AK(Z)3001FD/10	**32.310**	52.90 (2.08)	30
	11	AK(Z)3001FD/11	**32.311**	57.90 (2.28)	20
	12	AK(Z)3001FD/12	**32.312**	62.90 (2.44)	20
End Plate		AP3001	**32.200**		50

Dimensions

mm	in.	mm	in.
0.70	0.028	5.80	0.228
2.70	0.106	9.40	0.370
3.65	0.144	12.90	0.508
4.00	0.157	14.20	0.559
4.70	0.185		
5.00	0.197		





AK(Z)3001KD AK(Z)3001FD

[b] Supplied as 50 pole break apart assemblies, includes one end plate. Order additional end plates separately

[c] Up to 50 poles available, please consult Altech

[d] 5mm (.197") nominal pin spacing is adjustable to 5.08mm (.200")

[e] 5mm (.197") nominal pn spacing is adjustable to 5.08mm (.200")

PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a]

Tubular Screw Clamp Plug

For plug-in applications where infrequent wire-to-board connections are made and a very cost effective pluggable terminal block is needed.

Multipole assemblies are offered in modular interlocking or single mold construction up to 6 poles. While modular construction reduces and simplifies inventory, the single mold design provides maximum strength.

- Modular or Single Mold Design
- Wire Protector Standard
- Housing Material: Polyamide 6.6
- Standard Color: Gray

[a]Blocks with metric pin spacing begin on page 132.

AK(Z)130

Modular Plug

Pole Spacing 5mm (.197)[b]
Stripping Length 6mm (.236)
Screw Hole Diameter 3.5mm (.138)

Use with STL(Z)130, STZ(Z)132, STL(Z)140 Headers

AK(Z)132

Single Mold Plug

Pole Spacing 5mm (.197)[d]
Stripping Length 6mm (.236)
Screw Hole Diameter 3.5mm (.138)

Use with STL(Z)130, STZ(Z)132, STL(Z)140 Headers

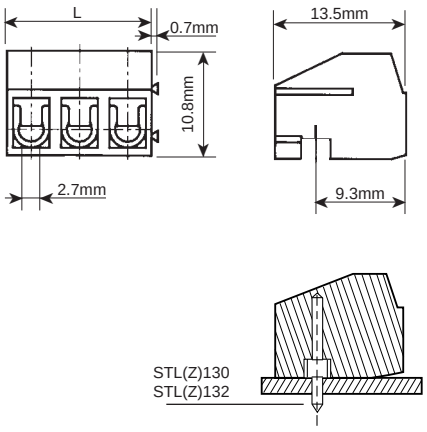
Ratings
IEC/VDE
(File No. E101811)
(File No. LR68503)

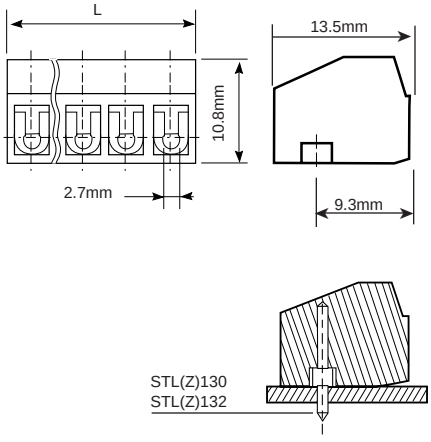
Wire Range	Current	Voltage
0.5-1.5mm²	10A	250V
22-14 AWG	10A	300V
22-14 AWG	10A	300V

Wire Range	Current	Voltage
0.5-1.5mm²	10A	250V
22-14 AWG	10A	300V
22-14 AWG	10A	300V

Ordering Information

No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Plug, US (Inch) Pole Spacing								
2	AK(Z)130/2wp	**30.302**	10.00 (.39)	100	AK(Z)132/2wp	**30.322**	10.00 (.39)	100
3	AK(Z)130/3wp	**30.303**	15.00 (.59)	100	AK(Z)132/3wp	**30.323**	15.00 (.59)	100
4	AK(Z)130/4wp	**30.304**	20.00 (.79)	50	AK(Z)132/4wp	**30.324**	20.00 (.79)	50
5	AK(Z)130/5wp	**30.305**	25.00 (.99)	50	AK(Z)132/5wp	**30.325**	25.00 (.99)	50
6	AK(Z)130/6wp	**30.306**	30.00 (1.18)	50	AK(Z)132/6wp	**30.326**	30.00 (1.18)	50





Dimensions

mm	in.	mm	in.
0.70	0.028	10.80	0.425
2.70	0.106	13.50	0.531
9.30	0.366		

[b]Appropriate for use in US (inch) pin spacings up to the number of poles shown.

[d]Appropriate for use in US (inch) pin spacings up to the number of poles shown.

PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a] Pin Headers

STL(Z)130, STL(Z)132 Straight and STL(Z)140 Right Angle Pin Headers are used with the highly cost effective Tubular Screw Clamp Plugs, Type AK(Z)130 and AK(Z)132, in lighter duty applications where infrequent wire to board connections must be made. Type STL(Z)132 features a reduced pin diameter of 1.0mm (.0394") on the soldering side.

Open Pin Headers are supplied in strips up to 6 poles. The Pin Header strip features breakaway construction that eliminates cutting or sawing.

- Straight and Right Angle
- Strip Material: Polyamide 6.6
- Standard Color: Gray

[a]Blocks with metric pin spacing begin on page 132.

STL(Z)130
Straight Pin Header

STL(Z)140
Right Angle Pin Header[b]

Smaller pin diameter for 1.0mm (.0394") through-holes

STL(Z)132
Straight Pin Header

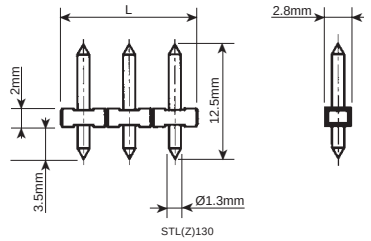
Ratings		Current	Voltage
IEC/VDE		10A	250V
(File No. E101811)		10A[e]	300V[e]
(File No. LR68503)		10A[e]	300V[e]

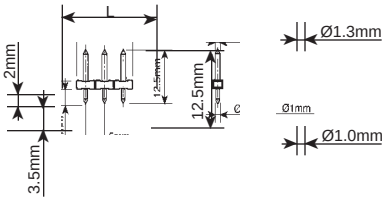
Ordering Information

No. of Poles	Pin Spacing 5mm (.197)[c] Use with AK(Z)130, AK(Z)132 Plugs[b] Type	Cat. No.	Length L mm (in.)	Std. Pk.	Pin Spacing 5mm (.197)[d] Use with AK(Z)130, AK(Z)132 Plugs Type	Cat. No.	Length L mm (in.)	Std. Pk.
Straight Pin Header, US (Inch) Pin Spacing								
2	STL(Z)130/2	**30.352**	10.00 (.39)	100	STL(Z)132/2	**32.502**	10.00 (.39)	100
3	STL(Z)130/3	**30.353**	15.00 (.59)	100	STL(Z)132/3	**32.503**	15.00 (.59)	100
4	STL(Z)130/4	**30.354**	20.00 (.79)	50	STL(Z)132/4	**32.504**	20.00 (.79)	50
5	STL(Z)130/5	**30.355**	25.00 (.99)	50	STL(Z)132/5	**32.505**	25.00 (.99)	50
6	STL(Z)130/6	**30.356**	30.00 (1.18)	50	STL(Z)132/6	**32.506**	30.00 (1.18)	50
Right Angle Pin Header, US (Inch) Pin Spacing								
2	STL(Z)140/2	**30.472**	10.00 (.39)	100				
3	STL(Z)140/3	**30.473**	15.00 (.59)	100				
4	STL(Z)140/4	**30.474**	20.00 (.79)	50				
5	STL(Z)140/5	**30.475**	25.00 (.99)	50				
6	STL(Z)140/6	**30.476**	30.00 (1.18)	50				

Dimensions

mm	in.	mm	in.
1.00	0.039	5.50	0.217
1.30	0.051	6.00	0.236
2.00	0.079	11.80	0.465
2.80	0.110	12.50	0.492
3.50	0.138		





[b]To insure proper pin positioning, install header into AK(Z)130 or AK(Z)132 Plug before soldering into board.

[c]Appropriate for use in US (inch) pin spacings up to the number of poles shown providing minimum PC Board Hole Size is 1.5mm(.059 in.)

[d]Appropriate for use in US (inch) pin spacings up to the number of poles shown providing minimum PC Board Hole Size is 1.5mm(.059 in.)

[e]Pending, STL(Z)140 and STL(Z)132

MINI PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a] Screw-Cage Clamp Plug and Headers

For use in industrial plug-in applications where space is limited.

Horizontal and vertical headers offer different wire entry options and enhance plug accessibility . Closed end designs help prevent misplugging.

- Multipole, Single Mold Design
- Optional Keying Prevents Misplugging[b]
- Housing Material: Polyamide 6.6
- Standard Color: Green

[a]Blocks with metric pin spacing begin on page 132.

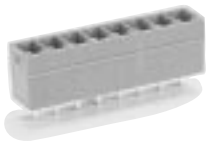
AKZ1550

Pole Spacing 3.81mm (.150)
Stripping Length 7mm (.276)
Screw Hole Diameter 2.5mm (.098)

Use with STLZ1550 or STLZ1555 Headers

STLZ1550-W

Horizontal - Closed End



STLZ1555-W

Vertical - Closed End

Pin Spacing 3.81mm (.150)

Use with AKZ1550 Plug

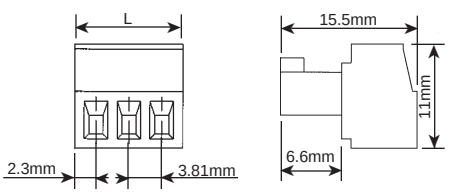
Ratings IEC/VDE	Wire Range	Current	Voltage		Current	Voltage
	0.4-1.5mm²	8A	125V		8A	125V
	28-16 AWG	8A	300V		8A	300V
	28-16 AWG	8A	300V		8A	300V

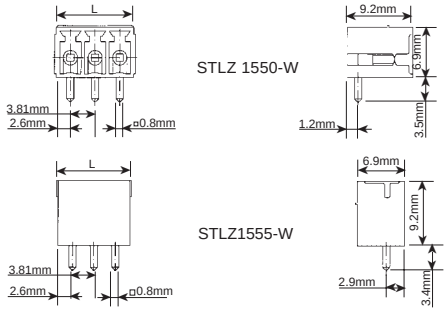
Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Plugs, Horizontal Headers US (inch) Spacing	**2**	AKZ1550/2	**36.302**	8.41 (.33)	100	STLZ1550/2-w	**36.402**	9.01 (.35)	100
	3	AKZ1550/3	**36.303**	12.22 (.48)	100	STLZ1550/3-w	**36.403**	12.82 (.50)	100
	4	AKZ1550/4	**36.304**	16.03 (.63)	50	STLZ1550/4-w	**36.404**	16.63 (.65)	50
	5	AKZ1550/5	**36.305**	19.84 (.78)	50	STLZ1550/5-w	**36.405**	20.44 (.80)	50
	6	AKZ1550/6	**36.306**	23.65 (.93)	50	STLZ1550/6-w	**36.406**	24.25 (.95)	50
	7	AKZ1550/7	**36.307**	27.46 (1.08)	30	STLZ1550/7-w	**36.407**	28.06 (1.10)	30
	8	AKZ1550/8	**36.308**	31.27 (1.23)	30	STLZ1550/8-w	**36.408**	31.87 (1.25)	30
	9	AKZ1550/9	**36.309**	35.08 (1.38)	30	STLZ1550/9-w	**36.409**	35.68 (1.40)	30
	10	AKZ1550/10	**36.310**	38.89 (1.53)	30	STLZ1550/10-w	**36.410**	39.49 (1.55)	30
	11	AKZ1550/11	**36.311**	42.70 (1.68)	20	STLZ1550/11-w	**36.411**	43.30 (1.70)	20
	12	AKZ1550/12	**36.312**	46.51 (1.83)	20	STLZ1550/12-w	**36.412**	47.11 (1.85)	20
	13	AKZ1550/13	**36.313**	50.32 (1.98)	20	STLZ1550/13-w	**36.413**	50.92 (2.00)	20
	14	AKZ1550/14	**36.314**	54.13 (2.13)	20	STLZ1550/14-w	**36.414**	54.73 (2.15)	20
	15	AKZ1550/15	**36.315**	57.94 (2.28)	20	STLZ1550/15-w	**36.415**	58.54 (2.30)	20
	16	AKZ1550/16	**36.316**	61.75 (2.43)	15	STLZ1550/16-w	**36.416**	62.35 (2.45)	15
Vertical Headers US (inch) Spacing	**2**					STLZ1555/2-w	**36.452**	9.01 (.35)	100
	3					STLZ1555/3-w	**36.453**	12.82 (.50)	100
	4					STLZ1555/4-w	**36.454**	16.63 (.65)	50
	5					STLZ1555/5-w	**36.455**	20.44 (.80)	50
	6					STLZ1555/6-w	**36.456**	24.25 (.95)	50
	7					STLZ1555/7-w	**36.457**	28.06 (1.10)	30
	8					STLZ1555/8-w	**36.458**	31.87 (1.25)	30
	9					STLZ1555/9-w	**36.459**	35.68 (1.40)	30
	10					STLZ1555/10-w	**36.460**	39.49 (1.55)	30
	11					STLZ1555/11-w	**36.461**	43.30 (1.70)	20
	12					STLZ1555/12-w	**36.462**	47.11 (1.85)	20
	13					STLZ1555/13-w	**36.463**	50.92 (2.00)	20
	14					STLZ1555/14-w	**36.464**	54.73 (2.15)	20
	15					STLZ1555/15-w	**36.465**	58.54 (2.30)	20
	16					STLZ1555/16-w	**36.466**	62.35 (2.45)	15

Dimensions

mm	in.	mm	in.
0.80	0.031	3.81	0.150
1.20	0.047	6.60	0.260
2.30	0.091	6.90	0.272
2.60	0.102	9.20	0.362
2.90	0.114	11.10	0.437
3.40	0.134	15.50	0.610
3.50	0.138		

[b]For Keying, please consult Altech





STANDARD PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a]
Screw-Cage Clamp Plug

For standard industrial plug-in applications where multiple wire-to-board connections must be made quickly and simultaneously.

Reduce wiring mistakes, downtime and facilitate troubeshooting. Simply unplug defective board and plug in a new one.

Horizontal and Vertical, 45° and Double Level Headers are available. Headers are available in open and closed end designs. Refer to page 126 to 129.

- Multipole, Single Mold Construction
- Industry Standard Compatible
- Locking Tabs Prevent Unplugging
- Optional Keying Prevents Misplugging[b]
- Housing Material: Polyamide 6.6
- Standard Color: Green

[a]Blocks with metric pin spacing begin on page 132.

AKZ950

Wire Entry in Same Direction as Plug-In

Pole Spacing 5.08mm (.200)
Stripping Length 7mm (.276)
Screw Hole Diameter 3.5mm (.138)

Use with STLZ950, STLZ955, STLZ970, STLZ975, STLZ11, STLZ990 Headers

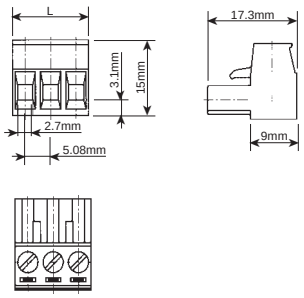
Ratings
IEC/VDE
(File No. E101811)
(File No. LR68503)

Wire Range	Current	Voltage
0.5-2.5mm²	12A	250V
22-12 AWG	15A	300V
22-14 AWG	15A	300V

Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Plug, US (Inch) Pole Spacing	**2**	AKZ950/2	**37.002**	10.16 (.40)	100
	3	AKZ950/3	**37.003**	15.24 (.60)	100
	4	AKZ950/4	**37.004**	20.32 (.80)	50
	5	AKZ950/5	**37.005**	25.40 (1.00)	50
	6	AKZ950/6	**37.006**	30.48 (1.20)	50
	7	AKZ950/7	**37.007**	35.56 (1.40)	30
	8	AKZ950/8	**37.008**	40.64 (1.60)	30
	9	AKZ950/9	**37.009**	45.72 (1.80)	30
	10	AKZ950/10	**37.010**	50.80 (2.00)	30
	11	AKZ950/11	**37.011**	55.88 (2.20)	20
	12	AKZ950/12	**37.012**	60.98 (2.40)	20
	13	AKZ950/13	**37.013**	66.04 (2.60)	20
	14	AKZ950/14	**37.014**	71.14 (2.80)	20
	15	AKZ950/15	**37.015**	76.20 (3.00)	20
	16	AKZ950/16	**37.016**	81.28 (3.20)	15
	17	AKZ950/17	**37.017**	86.36 (3.40)	15
	18	AKZ950/18	**37.018**	91.44 (3.60)	15
	19	AKZ950/19	**37.019**	96.52 (3.80)	15
	20	AKZ950/20	**37.020**	101.60 (4.00)	15
	21	AKZ950/21	**37.021**	106.66 (4.20)	10
	22	AKZ950/22	**37.022**	111.76 (4.40)	10
	23	AKZ950/23	**37.023**	116.64 (4.60)	10
	24	AKZ950/24	**37.024**	121.92 (4.80)	10

Dimensions

mm	in.	mm	in.
2.70	0.106	9.00	0.354
3.10	0.039	15.00	0.600
5.08	0.200	17.30	0.039



[b]For Keying, refer to Accessories on Page146

STANDARD PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a]

Screw-Cage Clamp Plug

For standard industrial plug-in applications where multiple wire-to-board connections must be made quickly and simultaneously.

Two wire entry options increase plug accessibility. The shape of the plug facilitates plug-in and removal.

- Multipole, Single Mold Construction
- Industry Standard Compatible
- Locking Tab Prevents Unplugging
- Optional Keying Prevents Misplugging[b]
- Housing Material: Polyamide 6.6
- Standard Color: Green[c]

[a]Blocks with metric pin spacing begin on page 132.

BU02

Wire Entry Perpendicular to Plug-In (On Locking Tab Side)

Pole Spacing 5.08mm (.200)
Stripping Length 8mm (.315)
Screw Hole Diameter 3.5mm (.138)

Use with STLZ950, STLZ955, STLZ11, STLZ990 Headers

BU04

Wire Entry Perpendicular to Plug-In (On Scalloped Side)

Pole Spacing 5.08mm (.200)
Stripping Length 8mm (.315)
Screw Hole Diameter 3.5mm (.138)

Use with STLZ950, STLZ955, STLZ11, STLZ990 Headers

Ratings
IEC/VDE
(File No. E151279)
(File No. LR103097-1)

Wire Range	Current	Voltage
0.5-2.5mm²	12A	250V
22-10 AWG	15A	300V
22-10 AWG[a]	15A[a]	300V

Wire Range	Current	Voltage
0.5-2.5mm²	12A	250V
22-10 AWG	15A	300V
22-10 AWG[b]	15A[b]	300V

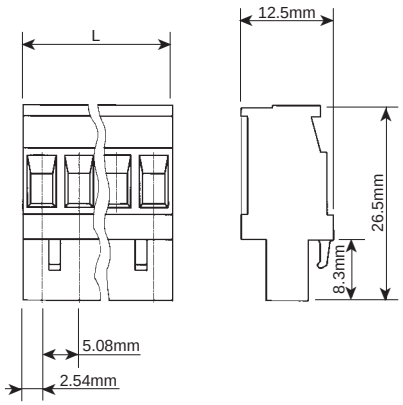
Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Plug, US (inch) Pole Spacing	2	BU02/2	**36.002**	10.16 (.40)	100
	3	BU02/3	**36.003**	15.24 (.60)	100
	4	BU02/4	**36.004**	20.32 (.80)	50
	5	BU02/5	**36.005**	25.40 (1.00)	50
	6	BU02/6	**36.006**	30.48 (1.20)	50
	7	BU02/7	**36.007**	35.56 (1.40)	30
	8	BU02/8	**36.008**	40.64 (1.60)	30
	9	BU02/9	**36.009**	45.72 (1.80)	30
	10	BU02/10	**36.010**	50.60 (2.00)	20
	11	BU02/11	**36.011**	55.88 (2.20)	20
	12	BU02/12	**36.012**	60.98 (2.40)	20
	13	BU02/13	**36.013**	66.04 (2.60)	20
	14	BU02/14	**36.014**	71.14 (2.80)	20
	15	BU02/15	**36.015**	76.20 (3.00)	20
	16	BU02/16	**36.016**	81.28 (3.20)	15

Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Plug, US (inch) Pole Spacing	2	BU04/2	**36.052**	10.16 (.40)	100
	3	BU04/3	**36.053**	15.24 (.60)	100
	4	BU04/4	**36.054**	20.32 (.80)	50
	5	BU04/5	**36.055**	25.40 (1.00)	50
	6	BU04/6	**36.056**	30.48 (1.20)	50
	7	BU04/7	**36.057**	35.56 (1.40)	30
	8	BU04/8	**36.058**	40.64 (1.60)	30
	9	BU04/9	**36.059**	45.72 (1.80)	30
	10	BU04/10	**36.060**	50.60 (2.00)	20
	11	BU04/11	**36.061**	55.88 (2.20)	20
	12	BU04/12	**36.062**	60.98 (2.40)	20
	13	BU04/13	**36.063**	66.04 (2.60)	20
	14	BU04/14	**36.064**	71.14 (2.80)	20
	15	BU04/15	**36.065**	76.20 (3.00)	20
	16	BU04/16	**36.066**	81.28 (3.20)	15

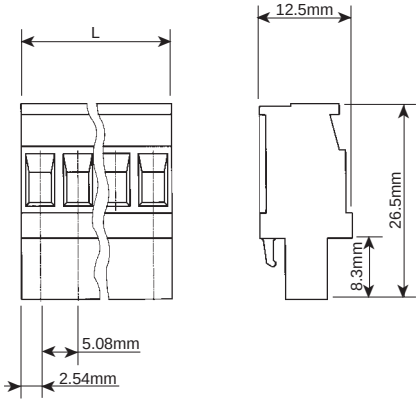
Dimensions

mm	in.	mm	in.
2.54	0.100	12.50	0.492
5.08	0.200	26.50	1.043
8.30	0.327		

[b]For Keying, please consult Altech.
[c]Gray available, please consult Altech.



[a]Pending



[b]Pending

STANDARD PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a]

Screw-Cam Clamp Plug

For standard industrial plug-in applications where multiple wire-to-board connections must be made quickly and simultaneously.

Ideal for limited access application, wire entry and screws on the same side.

- Multipole, Single Mold Construction
- Industry Standard Compatible
- Optional Keying Prevents Misplugging
- Housing Material: Polyamide 6.6
- Standard Color: Green

AKZ1200

Wire Entry and Screws on Same Side and in Same Direction as Plug-In

Pole Spacing 5.08mm (.200)
Stripping Length 7mm (.276)
Screw Hole Diameter 3mm (.118)

Use with STLZ950, STLZ955, STLZ990, STLZ11, STLZ970, STLZ975 Headers

[a]Blocks with metric pin spacing begin on page 132.

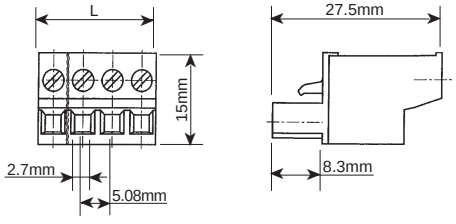
Ratings
IEC/VDE
(File No. E101811)
(File No. LR68503)

Wire Range	Current	Voltage
0.5-2.5mm²	12A	250V
22-12 AWG	15A	300V
22-14 AWG	15A	300V

Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Pin Header, US (Inch) Pole Spacing	2	AKZ1200/2	**36.102**	10.16 (.40)	100
	3	AKZ1200/3	**36.103**	15.24 (.60)	100
	4	AKZ1200/4	**36.104**	20.32 (.80)	50
	5	AKZ1200/5	**36.105**	25.40 (1.00)	50
	6	AKZ1200/6	**36.106**	30.48 (1.20)	50
	7	AKZ1200/7	**36.107**	35.56 (1.40)	30
	8	AKZ1200/8	**36.108**	40.64 (1.60)	30
	9	AKZ1200/9	**36.109**	45.72 (1.80)	30
	10	AKZ1200/10	**36.110**	50.80 (2.00)	20
	11	AKZ1200/11	**36.111**	55.88 (2.20)	20
	12	AKZ1200/12	**36.112**	60.98 (2.40)	20
	13	AKZ1200/13	**36.113**	66.04 (2.60)	20
	14	AKZ1200/14	**36.114**	71.14 (2.80)	20
	15	AKZ1200/15	**36.115**	76.20 (3.00)	20
	16	AKZ1200/16	**36.116**	81.28 (3.20)	15
	17	AKZ1200/17	**36.117**	86.36 (3.40)	15
	18	AKZ1200/18	**36.118**	91.44 (3.60)	15
	19	AKZ1200/19	**36.119**	96.52 (3.80)	15
	20	AKZ1200/20	**36.120**	101.60 (4.00)	15
	21	AKZ1200/21	**36.121**	106.66 (4.20)	10
	22	AKZ1200/22	**36.122**	111.76 (4.40)	10
	23	AKZ1200/23	**36.123**	116.64 (4.60)	10
	24	AKZ1200/24	**36.124**	121.92 (4.80)	10

Dimensions

mm	in.	mm	in.
2.70	0.106	15.00	0.591
5.08	0.200	27.50	1.083
8.30	0.327		



STANDARD PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a]

Headers

Horizontal or vertical headers offer different wire entry options and enhance plug accessibility. Closed end headers help prevent misplugging.

- Multipole, Single Mold Construction
- Industry Standard Compatible
- Horizontal and Vertical
- Open and Closed Ends
- Housing Material: Polyamide 6.6
- Standard Color: Green[b]

[a]Blocks with metric pin spacing begin on page 132.

STLZ950-W

Horizontal - Closed Ends

Pin Spacing 5.08mm (.200)

Use with AKZ950, BU02, BU04, AKZ1200 Plugs

STLZ950-O

Horizontal - Open Ends

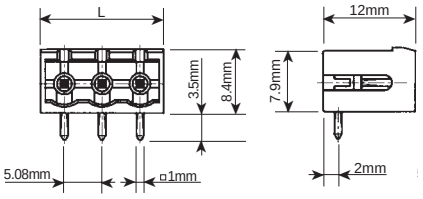
Pin Spacing 5.08mm (.200)

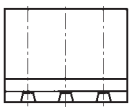
Use with AKZ950, BU02, BU04, AKZ1200 Plugs

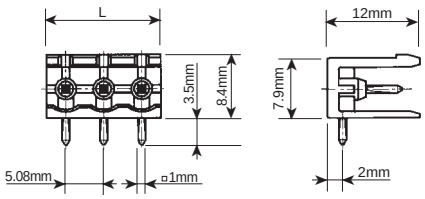
Ratings			Current	Voltage		Current	Voltage
IEC/VDE			12A	250V		12A	250V
(File No. E101811)			15A	300V		15A	300V
(File No. LR68503)			15A	300V		15A	300V
Ordering Information	**No. of Poles**	**Type**	**Cat. No.**	**Length L mm (in.)**	**Std. Pk.**	**Type**	**Cat. No.**	**Length L mm (in.)**	**Std. Pk.**
Header, US (Inch) Pin Spacing	**2**	STLZ950/2-w	**37.102**	11.36 (.45)	100	STLZ950/2-o	**37.452**	10.08 (.40)	100
	3	STLZ950/3-w	**37.103**	16.44 (.65)	100	STLZ950/3-o	**37.453**	15.16 (.60)	100
	4	STLZ950/4-w	**37.104**	21.52 (.85)	50	STLZ950/4-o	**37.454**	20.24 (.80)	50
	5	STLZ950/5-w	**37.105**	26.60 (1.05)	50	STLZ950/5-o	**37.455**	25.32 (1.00)	50
	6	STLZ950/6-w	**37.106**	31.68 (1.25)	50	STLZ950/6-o	**37.456**	30.40 (1.20)	50
	7	STLZ950/7-w	**37.107**	36.76 (1.45)	30	STLZ950/7-o	**37.457**	35.48 (1.40)	30
	8	STLZ950/8-w	**37.108**	41.84 (1.65)	30	STLZ950/8-o	**37.458**	40.56 (1.60)	30
	9	STLZ950/9-w	**37.109**	46.92 (1.85)	30	STLZ950/9-o	**37.459**	45.64 (1.80)	30
	10	STLZ950/10-w	**37.110**	52.00 (2.05)	30	STLZ950/10-o	**37.460**	50.72 (2.00)	30
	11	STLZ950/11-w	**37.111**	57.08 (2.25)	20	STLZ950/11-o	**37.461**	55.80 (2.20)	20
	12	STLZ950/12-w	**37.112**	62.16 (2.45)	20	STLZ950/12-o	**37.462**	60.88 (2.40)	20
	13	STLZ950/13-w	**37.113**	67.24 (2.65)	20	STLZ950/13-o	**37.463**	65.96 (2.60)	20
	14	STLZ950/14-w	**37.114**	72.32 (2.85)	20	STLZ950/14-o	**37.464**	71.04 (2.80)	20
	15	STLZ950/15-w	**37.115**	77.40 (3.05)	20	STLZ950/15-o	**37.465**	76.12 (3.00)	20
	16	STLZ950/16-w	**37.116**	82.48 (3.25)	15	STLZ950/16-o	**37.466**	81.20 (3.20)	15
	17	STLZ950/17-w	**37.117**	87.56 (3.45)	15	STLZ950/17-o	**37.467**	86.28 (3.40)	15
	18	STLZ950/18-w	**37.118**	92.64 (3.65)	15	STLZ950/18-o	**37.468**	91.36 (3.60)	15
	19	STLZ950/19-w	**37.119**	97.72 (3.85)	15	STLZ950/19-o	**37.469**	96.44 (3.80)	15
	20	STLZ950/20-w	**37.120**	102.80 (4.05)	15	STLZ950/20-o	**37.470**	101.52 (4.00)	15
	21	STLZ950/21-w	**37.121**	107.88 (4.25)	10	STLZ950/21-o	**37.471**	106.60 (4.20)	10
	22	STLZ950/22-w	**37.122**	112.96 (4.45)	10	STLZ950/22-o	**37.472**	111.68 (4.40)	10
	23	STLZ950/23-w	**37.123**	118.04 (4.65)	10	STLZ950/23-o	**37.473**	116.76 (4.60)	10
	24	STLZ950/24-w	**37.124**	123.13 (4.85)	10	STLZ950/24-o	**37.474**	121.84 (4.80)	10

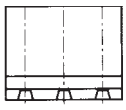
Dimensions

mm	in.	mm	in.
1.00	0.039	8.20	0.323
2.00	0.079	8.40	0.331
3.10	0.122	11.30	0.445
3.50	0.138	12.00	0.472
3.80	0.150	15.16	0.597
3.90	0.154	15.26	0.601
5.08	0.200	16.44	0.647
7.90	0.311	17.00	0.669









[b]Gray available, please consult Altech

Standoff foot for improved plug accessibility

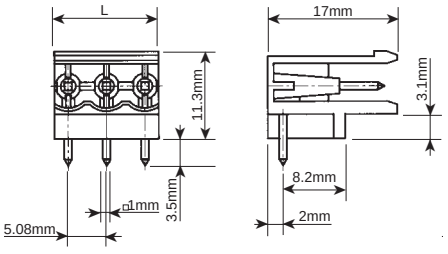
STLZ11-O
Horizontal - Open Ends

Pin Spacing 5.08mm (.200)

Use with AKZ950, BU02, BU04, AKZ1200 Plugs

	Current	Voltage
	12A	250V
	15A	300V
	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
STLZ11/2-o	**38.902**	10.16 (.40)	100
STLZ11/3-o	**38.903**	15.26 (.60)	100
STLZ11/4-o	**38.904**	20.30 (.80)	50
STLZ11/5-o	**38.905**	25.31 (1.00)	50
STLZ11/6-o	**38.906**	30.35 (1.20)	50
STLZ11/7-o	**38.907**	35.45 (1.40)	30
STLZ11/8-o	**38.908**	40.79 (1.60)	30
STLZ11/9-o	**38.909**	45.86 (1.80)	30
STLZ11/10-o	**38.910**	50.80 (2.00)	30



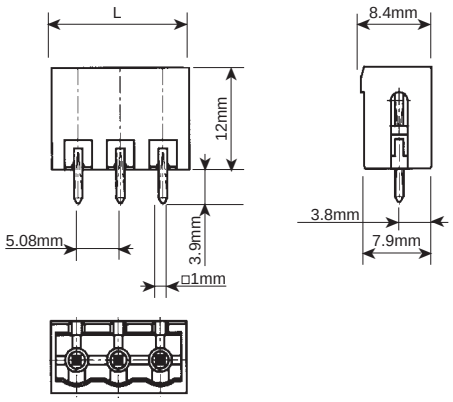
STLZ955-W
Vertical - Closed Ends

Pin Spacing 5.08mm (.200)

Use with AKZ950, BU02, BU04, AKZ1200 Plugs

	Current	Voltage
	12A	250V
	15A	300V
	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
STLZ955/2-w	**37.202**	11.36 (.45)	100
STLZ955/3-w	**37.203**	16.44 (.65)	100
STLZ955/4-w	**37.204**	21.52 (.85)	50
STLZ955/5-w	**37.205**	26.60 (1.05)	50
STLZ955/6-w	**37.206**	31.68 (1.25)	50
STLZ955/7-w	**37.207**	36.76 (1.45)	30
STLZ955/8-w	**37.208**	41.84 (1.65)	30
STLZ955/9-w	**37.209**	46.92 (1.85)	30
STLZ955/10-w	**37.210**	52.00 (2.05)	30
STLZ955/11-w	**37.211**	57.08 (2.25)	20
STLZ955/12-w	**37.212**	62.16 (2.45)	20
STLZ955/13-w	**37.213**	67.24 (2.65)	20
STLZ955/14-w	**37.214**	72.32 (2.85)	20
STLZ955/15-w	**37.215**	77.40 (3.05)	20
STLZ955/16-w	**37.216**	82.48 (3.25)	15
STLZ955/17-w	**37.217**	87.56 (3.45)	15
STLZ955/18-w	**37.218**	92.64 (3.65)	15
STLZ955/19-w	**37.219**	97.72 (3.85)	15
STLZ955/20-w	**37.220**	102.80 (4.05)	15
STLZ955/21-w	**37.221**	107.88 (4.25)	10
STLZ955/22-w	**37.222**	112.96 (4.45)	10
STLZ955/23-w	**37.223**	118.04 (4.65)	10
STLZ955/24-w	**37.224**	123.13 (4.85)	10



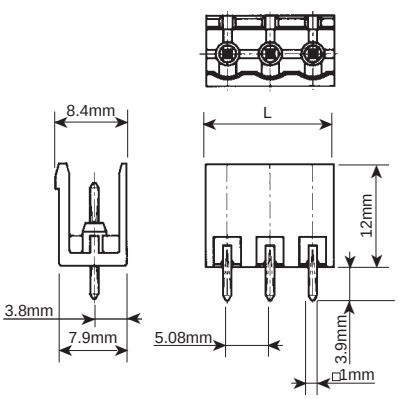
STLZ955-O
Vertical - Open Ends

Pin Spacing 5.08mm (.200)

Use with AKZ950, BU02, BU04, AKZ1200 Plugs

	Current	Voltage
	12A	250V
	15A	300V
	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
STLZ955/2-o	**37.502**	10.08 (.40)	100
STLZ955/3-o	**37.503**	15.16 (.59)	100
STLZ955/4-o	**37.504**	20.24 (.80)	50
STLZ955/5-o	**37.505**	25.32 (1.00)	50
STLZ955/6-o	**37.506**	30.40 (1.20)	50
STLZ955/7-o	**37.507**	35.48 (1.40)	30
STLZ955/8-o	**37.508**	40.56 (1.60)	30
STLZ955/9-o	**37.509**	45.64 (1.80)	30
STLZ955/10-o	**37.510**	50.72 (2.00)	30
STLZ955/11-o	**37.511**	55.80 (2.20)	20
STLZ955/12-o	**37.512**	60.88 (2.40)	20
STLZ955/13-o	**37.513**	65.96 (2.60)	20
STLZ955/14-o	**37.514**	71.04 (2.80)	20
STLZ955/15-o	**37.515**	76.12 (3.00)	20
STLZ955/16-o	**37.516**	81.20 (3.20)	15
STLZ955/17-o	**37.517**	86.28 (3.40)	15
STLZ955/18-o	**37.518**	91.36 (3.60)	15
STLZ955/19-o	**37.519**	96.44 (3.80)	15
STLZ955/20-o	**37.520**	101.52 (4.00)	15
STLZ955/21-o	**37.521**	106.60 (4.20)	10
STLZ955/22-o	**37.522**	111.68 (4.40)	10
STLZ955/23-o	**37.523**	116.76 (4.60)	10
STLZ955/24-o	**37.524**	121.84 (4.80)	10



STANDARD PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a]

Headers

The 45° header orientation facilitates plug insertion and removal in hard to access spaces.

Closed end headers prevent misplugging.

- Multipole, Single Mold Construction
- Industry Standard Compatible
- Open and Closed Ends
- Housing Material: Polyamide 6.6
- Standard Color: Green

[a]Blocks with metric pin spacing begin on page 132.

STLZ990-W

Header

45° - Closed Ends

Pin Spacing 5.08mm (.200)

Use with AKZ950, BU02, BU04, AKZ1200 Plugs

STLZ990-O

Header

45° - Open Ends

Pin Spacing 5.08mm (.200)

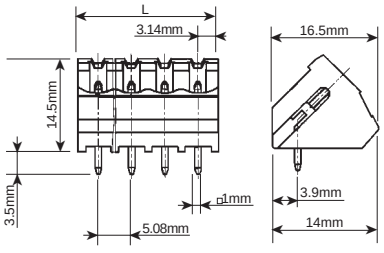
Use wth AKZ950, BU02, BU04, AKZ1200 Plugs

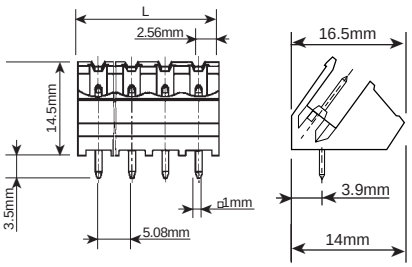
Ratings		Current	Voltage		Current	Voltage
IEC/VDE		12A	250V		12A	250V
		15A	300V		15A	300V
		15A	300V		15A	300V

Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Header, US (Inch) Pin Spacing	2	STLZ990/2-w	**37.652**	11.36 (.45)	100	STLZ990/2-o	**37.752**	10.20 (.40)	100
	3	STLZ990/3-w	**37.653**	16.44 (.65)	100	STLZ990/3-o	**37.753**	15.29 (.60)	100
	4	STLZ990/4-w	**37.654**	21.52 (.85)	50	STLZ990/4-o	**37.754**	20.37 (.80)	50
	5	STLZ990/5-w	**37.655**	26.60 (1.05)	50	STLZ990/5-o	**37.755**	25.45 (1.00)	50
	6	STLZ990/6-w	**37.656**	31.68 (1.25)	50	STLZ990/6-o	**37.756**	30.53 (1.20)	50
	7	STLZ990/7-w	**37.657**	36.76 (1.45)	30	STLZ990/7-o	**37.757**	35.61 (1.40)	30
	8	STLZ990/8-w	**37.658**	41.84 (1.65)	30	STLZ990/8-o	**37.758**	40.69 (1.60)	30
	9	STLZ990/9-w	**37.659**	46.92 (1.85)	30	STLZ990/9-o	**37.759**	45.77 (2.00)	30
	10	STLZ990/10-w	**37.660**	52.00 (2.05)	30	STLZ990/10-o	**37.760**	50.85 (2.00)	30
	11	STLZ990/11-w	**37.661**	57.08 (2.25)	20	STLZ990/11-o	**37.761**	55.93 (2.20)	20
	12	STLZ990/12-w	**37.662**	62.16 (2.45)	20	STLZ990/12-o	**37.762**	61.01 (2.40)	20
	13	STLZ990/13-w	**37.663**	67.24 (2.65)	20	STLZ990/13-o	**37.763**	66.09 (2.60)	20
	14	STLZ990/14-w	**37.664**	72.32 (2.85)	20	STLZ990/14-o	**37.764**	71.17 (2.80)	20
	15	STLZ990/15-w	**37.665**	77.40 (3.05)	20	STLZ990/15-o	**37.765**	76.25 (3.00)	20
	16	STLZ990/16-w	**37.666**	82.48 (3.25)	15	STLZ990/16-o	**37.766**	81.33 (3.20)	15
	17	STLZ990/17-w	**37.667**	87.56 (3.45)	15	STLZ990/17-o	**37.767**	86.41 (3.40)	15
	18	STLZ990/18-w	**37.668**	92.64 (3.65)	15	STLZ990/18-o	**37.768**	91.49 (3.60)	15
	19	STLZ990/19-w	**37.669**	97.72 (3.85)	15	STLZ990/19-o	**37.769**	96.57 (3.80)	15
	20	STLZ990/20-w	**37.670**	102.80 (4.05)	15	STLZ990/20-o	**37.770**	101.65 (4.00)	15
	21	STLZ990/21-w	**37.671**	107.88 (4.25)	10	STLZ990/21-o	**37.771**	106.73 (4.20)	10
	22	STLZ990/22-w	**37.672**	112.96 (4.45)	10	STLZ990/22-o	**37.772**	111.81 (4.40)	10
	23	STLZ990/23-w	**37.673**	118.04 (4.65)	10	STLZ990/23-o	**37.773**	116.89 (4.60)	10
	24	STLZ990/24-w	**37.674**	123.13 (4.85)	10	STLZ990/24-o	**37.774**	121.97 (4.80)	10

Dimensions

mm	in.	mm	in.
1.00	0.039	5.08	0.200
2.56	0.101	14.00	0.551
3.14	0.124	14.50	0.571
3.50	0.138	16.50	0.650
3.90	0.154		





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STANDARD PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a]
Double Level Headers

Horizontal and vertical open end headers offer different wire entry options and enhance plug accessibility. Ideal for applications where board real estate is limited or where high density wiring is required.

- Multipole, Modular Construction
- High Density
- Horizontal or Vertical, Open Ends
- Housing Material: Polyamide 6.6
- Standard Color: Green

[a]Blocks with metric pin spacing begin on page 132.

STLZ970-0
Header
Horizontal - Open Ends

Pin Spacing 5.08mm (.200)

Use with AKZ950, AKZ1200 Plugs

STLZ975-0
Header
Vertical - Open Ends

Pin Spacing 5.08mm (.200)

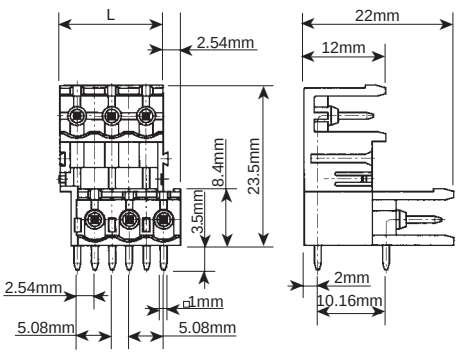
Use with AKZ950, AKZ1200 Plugs

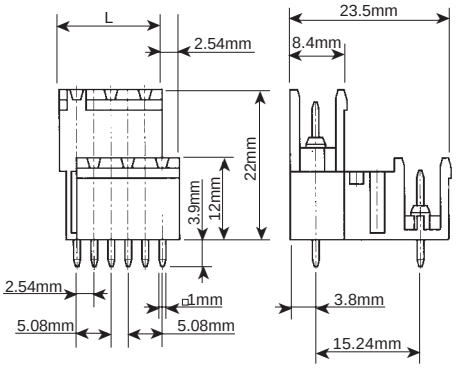
Ratings		Current	Voltage
IEC/VDE		12A	250V
(File No. E101811)		15A	300V
(File No. LR68503)		15A	300V

Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Double Level Header, US (Inch) Pin Spacing	4	STLZ970/4-o	**37.854**	12.26 (.48)	60	STLZ975/4-o	**37.804**	12.26 (.48)	60
	6	STLZ970/6-o	**37.856**	17.34 (.68)	40	STLZ975/6-o	**37.806**	17.34 (.68)	40
	8	STLZ970/8-o	**37.858**	22.42 (.88)	30	STLZ975/8-o	**37.808**	22.42 (.88)	30
	10	STLZ970/10-o	**37.860**	27.50 (1.08)	24	STLZ975/10-o	**37.810**	27.50 (1.08)	24
	12	STLZ970/12-o	**37.862**	32.58 (1.28)	20	STLZ975/12-o	**37.812**	32.58 (1.28)	20
	14	STLZ970/14-o	**37.864**	37.66 (1.48)	17	STLZ975/14-o	**37.814**	37.66 (1.48)	17
	16	STLZ970/16-o	**37.866**	42.74 (1.68)	15	STLZ975/16-o	**37.816**	42.74 (1.68)	15
	18	STLZ970/18-o	**37.868**	47.82 (1.88)	13	STLZ975/18-o	**37.818**	47.82 (1.88)	13
	20	STLZ970/20-o	**37.870**	52.90 (2.08)	12	STLZ975/20-o	**37.820**	52.90 (2.08)	12
	22	STLZ970/22-o	**37.872**	57.98 (2.28)	11	STLZ975/22-o	**37.822**	57.98 (2.28)	11
	24	STLZ970/24-o	**37.874**	63.06 (2.48)	10	STLZ975/24-o	**37.824**	63.06 (2.48)	10
	26	STLZ970/26-o	**37.876**	68.14 (2.68)	9	STLZ975/26-o	**37.826**	68.14 (2.68)	9
	28	STLZ970/28-o	**37.878**	73.22 (2.88)	9	STLZ975/28-o	**37.828**	73.22 (2.88)	9
	30	STLZ970/30-o	**37.880**	78.30 (3.08)	8	STLZ975/30-o	**37.830**	78.30 (3.08)	8
	32	STLZ970/32-o	**37.882**	83.38 (3.28)	8	STLZ975/32-o	**37.832**	83.38 (3.28)	8
	34	STLZ970/34-o	**37.884**	88.46 (3.48)	7	STLZ975/34-o	**37.834**	88.46 (3.48)	7
	36	STLZ970/36-o	**37.886**	93.54 (3.68)	7	STLZ975/36-o	**37.836**	93.54 (3.68)	7
	38	STLZ970/38-o	**37.888**	98.62 (3.88)	6	STLZ975/38-o	**37.838**	98.62 (3.88)	6
	40	STLZ970/40-o	**37.890**	103.70 (4.08)	6	STLZ975/40-o	**37.840**	103.70 (4.08)	6
	42	STLZ970/42-o	**37.892**	108.78 (4.28)	6	STLZ975/42-o	**37.842**	108.78 (4.28)	6
	44	STLZ970/44-o	**37.894**	113.86 (4.48)	5	STLZ975/44-o	**37.844**	113.86 (4.48)	5
	46	STLZ970/46-o	**37.896**	118.94 (4.68)	5	STLZ975/46-o	**37.846**	118.94 (4.68)	5
	48	STLZ970/48-o	**37.898**	124.02 (4.88)	5	STLZ975/48-o	**37.848**	124.02 (4.88)	5

Dimensions

mm	in.	mm	in.
1.00	0.039	10.16	0.400
2.00	0.079	12.00	0.472
2.54	0.100	15.24	0.600
3.50	0.138	22.00	0.866
3.80	0.150	23.50	0.925
5.08	0.200		
8.40	0.331		





MAXI-PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a]
Screw-Cage Clamp Plug

For standard industrial plug-in applications where multiple wire-to-board connections must be made quickly and simultaneously.

Reduce wiring mistakes, downtime and facilitate troubeshooting. Simply unplug defective board and plug in a new one.

- Multipole, Single Mold Construction
- Industry Standard Compatible
- Locking Tabs Prevent Unplugging
- Optional Keying Prevents Misplugging
- Housing Material: Polyamide 6.6
- Standard Color: Green

[a]Blocks with metric pin spacing begin on page 132.

AKZ960
Plug
Wire Entry in Same Direction as Plug-In

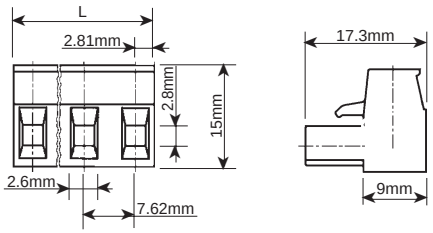
Pole Spacing 7.62mm (.300)
Stripping Length 7mm (.276)
Screw Hole Diameter 4mm (.158)

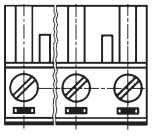
Use with STLZ960-W, STLZ965-W Headers

Ratings
IEC/VDE
(File No. E101811)
(File No. LR68503)

Wire Range	Current	Voltage
0.5-2.5mm²	12A	400V
22-12 AWG	15A	300V
28-12 AWG	16A	300V

Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.
Plug, US (Inch) Pole Spacing	2	AKZ960/2	**38.002**	13.27 (.52)	100
	3	AKZ960/3	**38.003**	20.86 (.82)	100
	4	AKZ960/4	**38.004**	28.48 (1.12)	50
	5	AKZ960/5	**38.005**	36.10 (1.42)	50
	6	AKZ960/6	**38.006**	43.72 (1.72)	50
	7	AKZ960/7	**38.007**	51.34 (2.02)	30
	8	AKZ960/8	**38.008**	58.96 (2.32)	30
	9	AKZ960/9	**38.009**	66.58 (2.62)	30
	10	AKZ960/10	**38.010**	74.20 (2.92)	30
	11	AKZ960/11	**38.011**	81.82 (3.22)	20
	12	AKZ960/12	**38.012**	89.44 (3.52)	20
	13	AKZ960/13	**38.013**	97.06 (3.82)	20
	14	AKZ960/14	**38.014**	104.68 (4.12)	20
	15	AKZ960/15	**38.015**	112.30 (4.42)	20
	16	AKZ960/16	**38.016**	119.92 (4.72)	15





Dimensions

mm	in.	mm	in.
2.60	0.102	9.00	0.354
2.80	0.110	15.00	0.591
2.81	0.111	17.30	0.681
7.62	0.300		

MAXI-PLUGGABLE PRINTED CIRCUIT

US Pin Spacing[a] Headers

Horizontal or vertical headers offer different wire entry options and enhance plug accessibility. Closed end headers prevent misplugging.

- Multipole, Single Mold Construction
- Industry Standard Compatible
- Horizontal and Vertical, Closed Ends
- Housing Material: Polyamide 6.6
- Standard Color: Green

[a]Blocks with metric pin spacing begin on page 132.

STLZ960-W

Horizontal Header - Closed Ends

Pin Spacing 7.62mm (.300)

Use with AKZ960 Plug

STLZ965-W

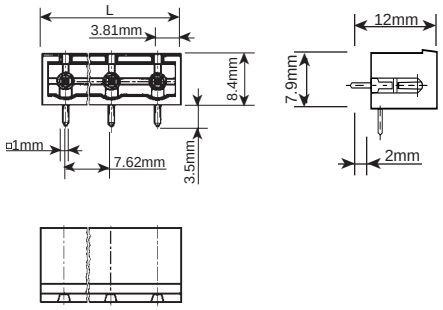
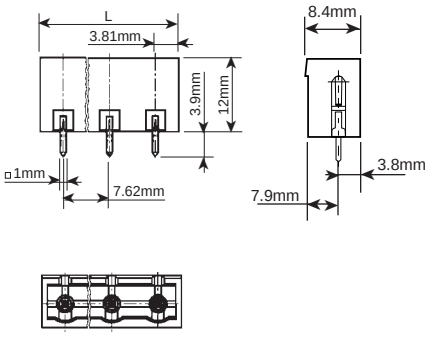
Vertical Header - Closed Ends

Pin Spacing 7.62mm (.300)

Use with AKZ960 Plug

Ratings		Current	Voltage		Current	Voltage
IEC/VDE		12A	400V		12A	400V
(File No. E101811)		15A	300V		15A	300V
(File No. LR68503)		16A	300V		16A	300V

Ordering Information	No. of Poles	Type	Cat. No.	Length L mm (in.)	Std. Pk.	Type	Cat. No.	Length L mm (in.)	Std.
Header, US (Inch) Pin Spacing	**2**	STLZ960/2-w	**38.102**	15.24 (.60)	100	STLZ965/2-w	**38.202**	15.24 (.60)	100
	3	STLZ960/3-w	**38.103**	22.86 (.90)	100	STLZ965/3-w	**38.203**	22.86 (.90)	100
	4	STLZ960/4-w	**38.104**	30.48 (1.20)	50	STLZ965/4-w	**38.204**	30.48 (1.20)	50
	5	STLZ960/5-w	**38.105**	38.10 (1.50)	50	STLZ965/5-w	**38.205**	38.10 (1.50)	50
	6	STLZ960/6-w	**38.106**	45.72 (1.80)	50	STLZ965/6-w	**38.206**	45.72 (1.80)	50
	7	STLZ960/7-w	**38.107**	53.34 (2.10)	30	STLZ965/7-w	**38.207**	53.34 (2.10)	30
	8	STLZ960/8-w	**38.108**	60.96 (2.40)	30	STLZ965-8-w	**38.208**	60.96 (2.40)	30
	9	STLZ960/9-w	**38.109**	68.58 (2.70)	30	STLZ965/9-w	**38.209**	68.58 (2.70)	30
	10	STLZ960/10-w	**38.110**	76.20 (3.00)	30	STLZ965/10-w	**38.210**	76.20 (3.00)	30
	11	STLZ960/11-w	**38.111**	83.82 (3.30)	20	STLZ965/11-w	**38.211**	83.82 (3.30)	20
	12	STLZ960/12-w	**38.112**	91.44 (3.60)	20	STLZ965/12-w	**38.212**	91.44 (3.60)	20
	13	STLZ960/13-w	**38.113**	99.06 (3.90)	20	STLZ965/13-w	**38.213**	99.06 (3.90)	20
	14	STLZ960/14-w	**38.114**	106.68 (4.20)	20	STLZ965/14-w	**38.214**	106.68 (4.20)	20
	15	STLZ960/15-w	**38.115**	114.30 (4.50)	20	STLZ965/15-w	**38.215**	114.30 (4.50)	20
	16	STLZ960/16-w	**38.116**	121.92 (4.80)	15	STLZ965/16-w	**38.216**	121.92 (4.80)	15

Dimensions

mm	in.	mm	in.
1.00	0.390	3.90	0.015
2.00	0.079	7.62	0.300
3.50	0.138	7.90	0.311
3.80	0.150	8.40	0.331
3.81	0.150	12.00	0.472