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)

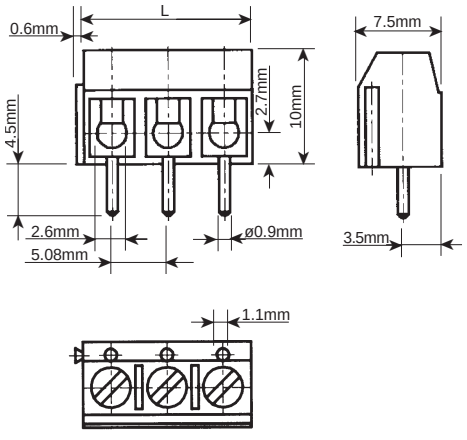
Wire Range	Current	Voltage
0.5-1.5mm²	16A	250V
22-14 AWG	15A	300V
22-14 AWG	15A	300V

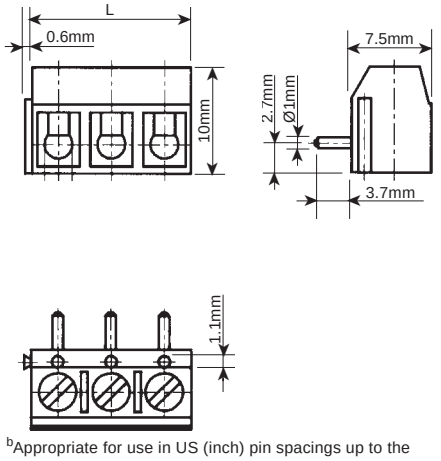
Wire Range	Current	Voltage
0.5-1.5mm²	16A	250V
22-14 AWG	15A	300V
22-14 AWG	15A	300V

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.

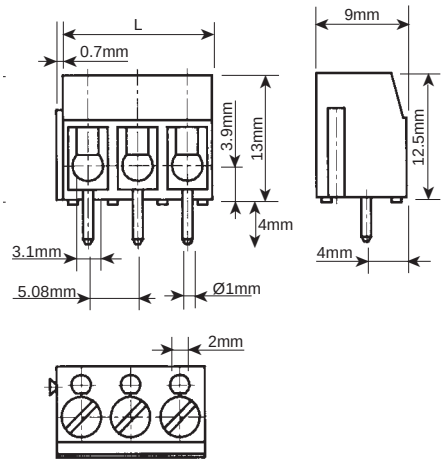


AKZ120
Front Wire Entry

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

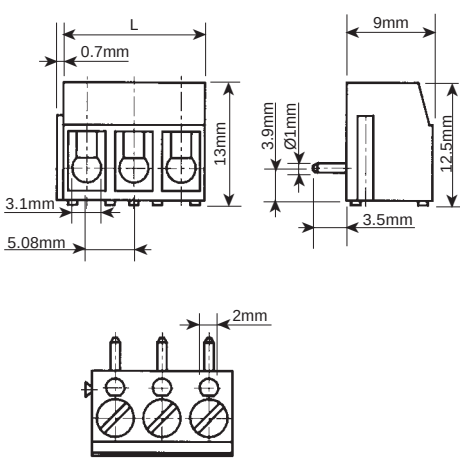


AKZ125
Top Wire Entry

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



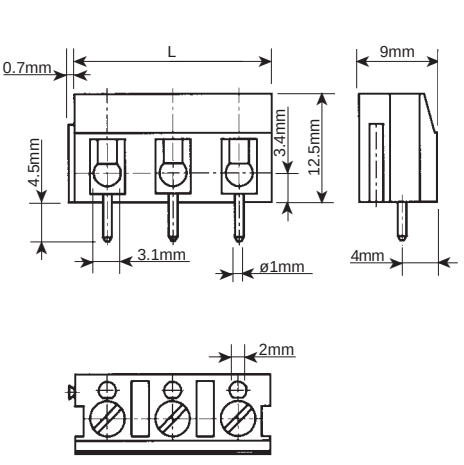


AK(Z)110
Front Wire Entry

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.)