

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

^aBlocks 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)

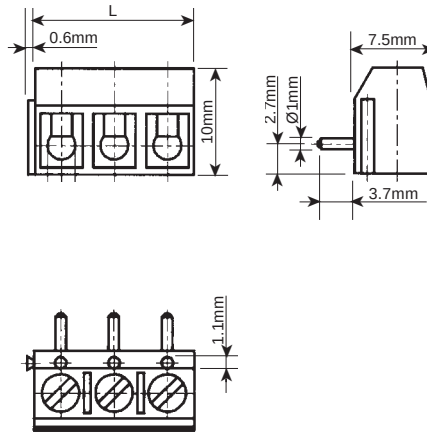
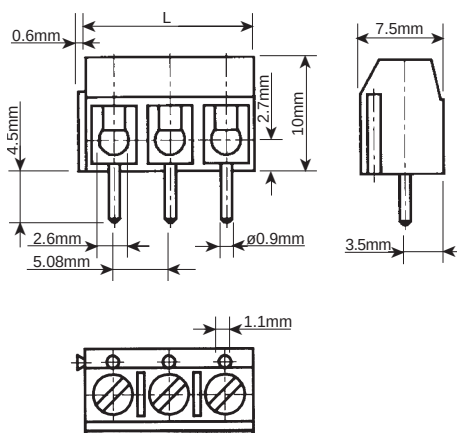


AK(Z)505
Top Wire Entry

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

Ratings		Wire Range		Current		Voltage		Wire Range		Current		Voltage	
IEC/VDE		0.5-1.5mm ²		16A		250V		0.5-1.5mm ²		16A		250V	
 (File No. E101811)		22-14 AWG		15A		300V		22-14 AWG		15A		300V	
 (File No. LR68503)		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		



^bAppropriate 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
0.5-2.5mm ²	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
0.5-2.5mm ²	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

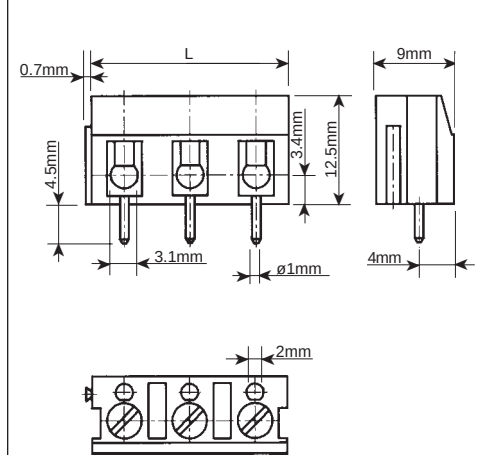
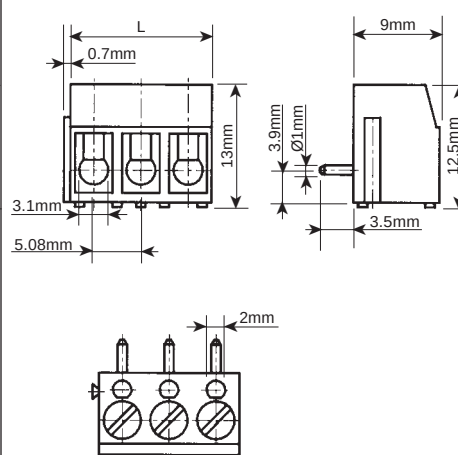
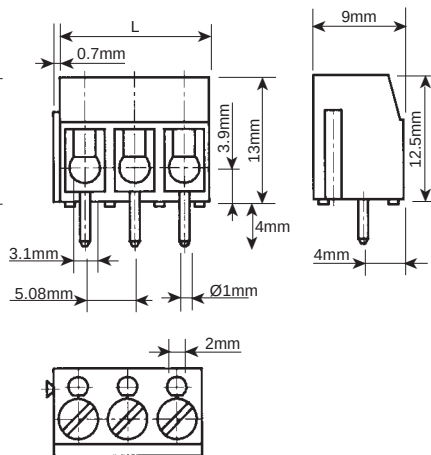


AK(Z)110 Front Wire Entry

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

Wire Range	Current	Voltage
0.5-2.5mm ²	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



^cAppropriate 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.)