FIXED PRINTED CIRCUIT
Metric Pin Spacing[a]
Tubular Screw Clamp

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

The popular AK100 is now offered in a single mold design as Type AK102. Please contact Altech for ordering information.

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

[a]Blocks with US (Inch) pin spacing begin on page 110.



AK100
Front Wire Entry

Pin Spacing 5mm (.197)
Stripping Length 6mm (.236)
Screw Hole Diameter 4mm (.158)



AK105
Top Wire Entry

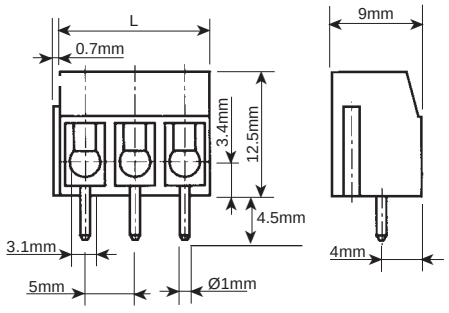
Pin Spacing 5mm (.197)
Stripping Length 5mm (.197)
Screw Hole Diameter 3mm (.118)

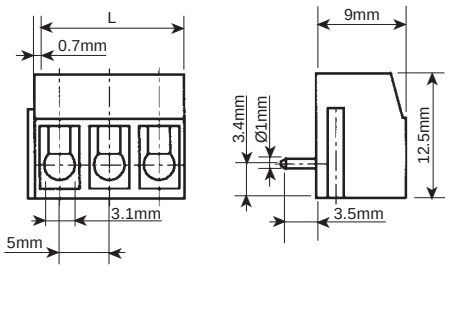
Ratings		Wire Range	Current	Voltage	Wire Range	Current	Voltage
IEC/VDE		0.5-2.5mm²	16A	250V	0.5-2.5mm²	16A	250V
(File No. E101811)		22-14 AWG	15A	300V	22-14 AWG	15A	300V
(File No. LR68503)		22-14 AWG	15A	300V	22-14 AWG	15A	300V

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, mm Pin Spacing	2	AK100/2wp	**30.002**	10.00 (.39)	100	AK105/2wp	**30.052**	10.00 (.39)	100
	3	AK100/3wp	**30.003**	15.00 (.59)	100	AK105/3wp	**30.053**	15.00 (.59)	100
	4	AK100/4wp	**30.004**	20.00 (.79)	50	AK105/4wp	**30.054**	20.00 (.79)	50
	5	AK100/5wp	**30.005**	25.00 (.99)	50	AK105/5wp	**30.055**	25.00 (.99)	50
	6	AK100/6wp	**30.006**	30.00 (1.18)	50	AK105/6wp	**30.056**	30.00 (1.18)	50
	7	AK100/7wp	**30.007**	35.00 (1.38)	30	AK105/7wp	**30.057**	35.00 (1.38)	30
	8	AK100/8wp	**30.008**	40.00 (1.58)	30	AK105/8wp	**30.058**	40.00 (1.58)	30
	9	AK100/9wp	**30.009**	45.00 (1.77)	30	AK105/9wp	**30.059**	45.00 (1.77)	30
	10	AK100/10wp	**30.010**	50.00 (1.97)	30	AK105/10wp	**30.060**	50.00 (1.97)	30
	11	AK100/11wp	**30.011**	55.00 (2.17)	20	AK105/11wp	**30.061**	55.00 (2.17)	20
	12	AK100/12wp	**30.012**	60.00 (2.36)	20	AK105/12wp	**30.062**	60.00 (2.36)	20
	13	AK100/13wp	**30.013**	65.00 (2.56)	20	AK105/13wp	**30.063**	65.00 (2.56)	20
	14	AK100/14wp	**30.014**	70.00 (2.76)	20	AK105/14wp	**30.064**	70.00 (2.76)	20
	15	AK100/15wp	**30.015**	75.00 (2.95)	20	AK105/15wp	**30.065**	75.00 (2.95)	20
	16	AK100/16wp	**30.016**	80.00 (3.15)	15	AK105/16wp	**30.066**	80.00 (3.15)	15
	17	AK100/17wp	**30.017**	85.00 (3.35)	15	AK105/17wp	**30.067**	85.00 (3.35)	15
	18	AK100/18wp	**30.018**	90.00 (3.54)	15	AK105/18wp	**30.068**	90.00 (3.54)	15
	19	AK100/19wp	**30.019**	95.00 (3.74)	15	AK105/19wp	**30.069**	95.00 (3.74)	15
	20	AK100/20wp	**30.020**	100.00 (3.94)	15	AK105/20wp	**30.070**	100.00 (3.94)	15
	21	AK100/21wp	**30.021**	105.00 (4.13)	10	AK105/21wp	**30.071**	105.00 (4.13)	10
	22	AK100/22wp	**30.022**	110.00 (4.33)	10	AK105/22wp	**30.072**	110.00 (4.33)	10
	23	AK100/23wp	**30.023**	115.00 (4.53)	10	AK105/23wp	**30.073**	115.00 (4.53)	10
	24	AK100/24wp	**30.024**	120.00 (4.72)	10	AK105/24wp	**30.074**	120.00 (4.72)	10

Dimensions

mm	in.	mm	in.
0.60	0.024	4.00	0.157
0.70	0.028	4.50	0.177
0.90	0.035	5.00	0.197
1.00	0.039	7.50	0.295
1.10	0.043	9.00	0.354
2.00	0.079	10.00	0.394
2.60	0.102	12.50	0.492
2.70	0.106	15.00	0.591
3.10	0.122	22.50	0.886
3.40	0.134	25.00	0.984
3.50	0.138		





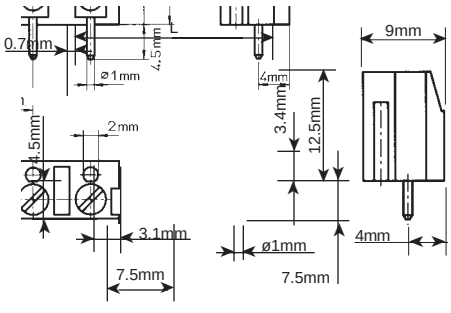


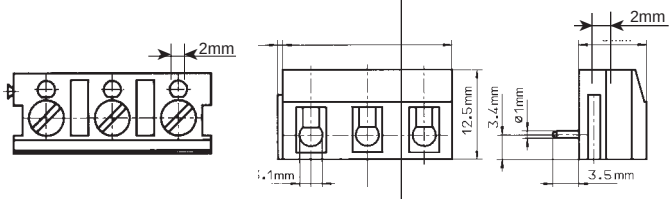
AK110
Front Wire Entry

Pin Spacing 7.5mm (.295)
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.
AK110/2wp	**30.102**	15.00 (.59)	100
AK110/3wp	**30.103**	22.50 (.89)	100
AK110/4wp	**30.104**	30.00 (1.18)	50
AK110/5wp	**30.105**	37.50 (1.48)	50
AK110/6wp	**30.106**	45.00 (1.77)	50
AK110/7wp	**30.107**	52.50 (2.08)	30
AK110/8wp	**30.108**	60.00 (2.36)	30
AK110/9wp	**30.109**	67.50 (2.66)	30
AK110/10wp	**30.110**	75.00 (2.95)	30
AK110/11wp	**30.111**	82.50 (3.25)	20
AK110/12wp	**30.112**	90.00 (3.54)	20
AK110/13wp	**30.113**	97.50 (3.84)	20
AK110/14wp	**30.114**	105.00 (4.13)	20
AK110/15wp	**30.115**	112.50 (4.43)	20
AK110/16wp	**30.116**	120.00 (4.73)	15
AK110/17wp	**30.117**	127.50 (5.02)	15
AK110/18wp	**30.118**	135.00 (5.32)	15
AK110/19wp	**30.119**	142.50 (5.61)	15
AK110/20wp	**30.120**	150.00 (5.91)	15
AK110/21wp	**30.121**	157.50 (6.20)	10
AK110/22wp	**30.122**	165.00 (6.50)	10
AK110/23wp	**30.123**	172.50 (6.79)	10
AK110/24wp	**30.124**	180.00 (7.09)	10



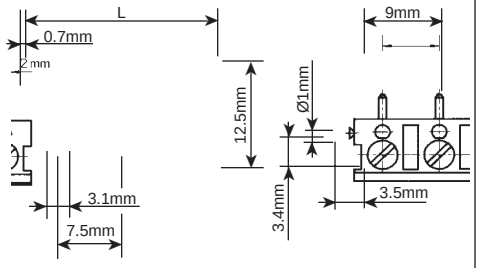


AK115
Top Wire Entry

Pin Spacing 7.5mm (.295)
Stripping Length 5mm (.197)
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.
AK115/2wp	**30.152**	15.00 (.59)	100
AK115/3wp	**30.153**	22.50 (.89)	100
AK115/4wp	**30.154**	30.00 (1.18)	50
AK115/5wp	**30.155**	37.50 (1.48)	50
AK115/6wp	**30.156**	45.00 (1.77)	50
AK115/7wp	**30.157**	52.50 (2.08)	30
AK115/8wp	**30.158**	60.00 (2.36)	30
AK115/9wp	**30.159**	67.50 (2.66)	30
AK115/10wp	**30.160**	75.00 (2.95)	30
AK115/11wp	**30.161**	82.50 (3.25)	20
AK115/12wp	**30.162**	90.00 (3.54)	20
AK115/13wp	**30.163**	97.50 (3.84)	20
AK115/14wp	**30.164**	105.00 (4.13)	20
AK115/15wp	**30.165**	112.50 (4.43)	20
AK115/16wp	**30.166**	120.00 (4.73)	15
AK115/17wp	**30.167**	127.50 (5.02)	15
AK115/18wp	**30.168**	135.00 (5.32)	15
AK115/19wp	**30.169**	142.50 (5.61)	15
AK115/20wp	**30.170**	150.00 (5.91)	15
AK115/21wp	**30.171**	157.50 (6.20)	10
AK115/22wp	**30.172**	165.00 (6.50)	10
AK115/23wp	**30.173**	172.50 (6.79)	10
AK115/24wp	**30.174**	180.00 (7.09)	10



AK600
Front Wire Entry

Pin Spacing 10mm (.394)
Stripping Length 6mm (.236)
Screw Hole Diameter 3mm (.118)

Wire Range	Current	Voltage
0.5-1.5mm²	16A	500V
22-14 AWG	15A	300V
22-14 AWG	15A	300V

Type	Cat. No.	Length L mm (in.)	Std. Pk.
AK600/2wp	**34.402**	15.00 (.59)	100
AK600/3wp	**34.403**	25.00 (.99)	50
AK600/4wp	**34.404**	35.00 (1.38)	30
AK600/5wp	**34.405**	45.00 (1.77)	30
AK600/6wp	**34.406**	55.00 (2.17)	20
AK600/7wp	**34.407**	65.00 (2.56)	20
AK600/8wp	**34.408**	75.00 (2.95)	20
AK600/9wp	**34.409**	85.00 (3.35)	15
AK600/10wp	**34.410**	95.00 (3.74)	15
AK600/11wp	**34.411**	105.00 (4.13)	10
AK600/12wp	**34.412**	115.00 (4.53)	10

