

PCB Power Terminals (Push-In)**5.00 mm Pin Spacing**

- Push-In Technology
- 20A
- Various Colors
- Standard Color: Dark Gray

**AK4200/xx-5.0-H**

HORIZONTAL

AK4200/xx-5.0-V

VERTICAL

Electrical Ratings

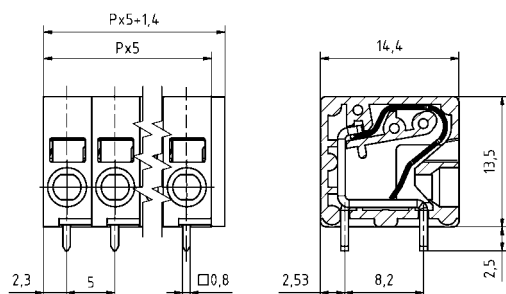
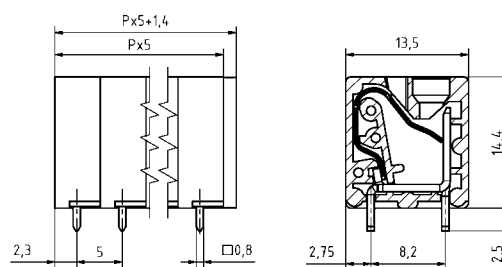
		C ^{UL} US E178356		IEC ¹ VDE	
Usergroup		B	C		-
Rated Voltage		300V	—		250V
Rated Current		20A	—		24A
Wire Size	solid	24-12AWG	—		0.2mm ² -2.5mm ²
	stranded	24-12AWG	—		0.2mm ² -2.5mm ²

Ordering Information - Horizontal, Gray - RAL7012

No. Poles	Order #	Type #	Length (mm)	Std. Pack
1	39.8101	AK4200/1-5.0-H-G	6.40	100
2	39.8102	AK4200/2-5.0-H-G	11.40	50
3	39.8103	AK4200/3-5.0-H-G	16.40	50
4	39.8104	AK4200/4-5.0-H-G	21.40	50
5	39.8105	AK4200/5-5.0-H-G	26.40	50
6	39.8106	AK4200/6-5.0-H-G	31.40	50
7	39.8107	AK4200/7-5.0-H-G	36.40	50
8	39.8108	AK4200/8-5.0-H-G	41.40	50
9	39.8109	AK4200/9-5.0-H-G	46.40	50
10	39.8110	AK4200/10-5.0-H-G	51.40	50
11	39.8111	AK4200/10-5.0-H-G	56.40	50
12	39.8112	AK4200/12-5.0-H-G	61.40	50

Ordering Information - Vertical, Gray - RAL7012

No. Poles	Order #	Type #	Length (mm)	Std. Pack
1	39.8151	AK4200/1-5.0-V-G	6.40	100
2	39.8152	AK4200/2-5.0-V-G	11.40	50
3	39.8153	AK4200/3-5.0-V-G	16.40	50
4	39.8154	AK4200/4-5.0-V-G	21.40	50
5	39.8155	AK4200/5-5.0-V-G	26.40	50
6	39.8156	AK4200/6-5.0-V-G	31.40	50
7	39.8157	AK4200/7-5.0-V-G	36.40	50
8	39.8158	AK4200/8-5.0-V-G	41.40	50
9	39.8159	AK4200/9-5.0-V-G	46.40	50
10	39.8160	AK4200/10-5.0-V-G	51.40	50
11	39.8161	AK4200/10-5.0-V-G	56.40	50
12	39.8162	AK4200/12-5.0-V-G	61.40	50

Dimensions (mm)**Dimensions (mm)****Material Specifications**

Spring Clamp	Stainless Steel
Solder Tab	Copper Alloy
Insulating Material	PA 6.6
Flammability Class	UL94V-0
Operating Temperature	-30°C - +105°C

Wave Solder Process

Soldering Temperature	265°C
Peak Soldering Time	3-4s

Installation Data

Stripping Length	10mm
PCB Hole Size	1.1mm

Other Colors Available■ **BLACK, RAL 9011**■ **GREEN, RAL 6018**■ **ORANGE, RAL 2011**■ **RED, RAL 3003**■ **BLUE, RAL 5015**

Mouser Electronics

Authorized Distributor

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[39.8110](#) [39.8111](#) [39.8112](#) [39.8151](#) [39.8153](#) [39.8154](#)