

Terminal Blocks, Type AB1

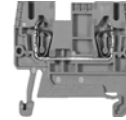
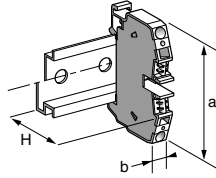
Spring technology

Passthrough

Clip-on mounting on 35 mm $\frac{1}{2}$ rails

Nominal wire size

2.5 mm²



AB1RRN235U2**

Approximate dimensions, in. (mm)

1	Length (a)	1.85 (47.1)
	Width (b)	0.20 (5)
	Height (H) $\frac{1}{2}$ rail	1.80 (45.6)
	with $\frac{1}{2}$ rail	1.50 (38.1)

Wire size, mm²

Stranded without cable end	0.13–2.5
Stranded with cable end	0.5–2.5
Solid	0.13–4

Nominal electrical values

IEC/EN 60947-7-1	800 V / 8 kV / 3–24 A
UL File E164359 CCN XCFR2	22–12 AWG, 600 V, 20 A
CSA File 702070 Class 6228 01	24–12 AWG, 600 V, 24 A
UTE, category C	—
VDE, group C	800 V / 24 A

Certifications

See the tables beginning on page 1/10.

Terminal Blocks

	No. points	Sold in lots of	Catalog number	Weight oz (g)
Gray	2	100	AB1RRN235U2GR	0.19 (5.5)
Blue	2	100	AB1RRN235U2BL	0.19 (5.5)
Black	—	—	—	—

Accessories

2	Plastic end clamp with screw	Width 0.3 in. (8 mm) on $\frac{1}{2}$ or $\frac{1}{4}$	—	100	AB1AB8P35	0.21 (5.9)
3	Metal end clamp with screw	Width 0.3 in. (8 mm) on $\frac{1}{2}$ or $\frac{1}{4}$	—	100	AB1AB8M35	0.52 (14.8)
4	Clip-on plastic end clamp	Width 0.3 in. (8 mm) on $\frac{1}{2}$ or $\frac{1}{4}$	—	100	AB1AB8R35	0.21 (5.9)
5	Marker tag holder for clip-on plastic end clamp		—	10	AB1SB4	0.11 (3.1)
6	End plate	Gray thickness 0.06 in. (1.5 mm) Blue	—	10	AB1RRNAC242GR	0.08 (2.3)
7	Partition plate	Gray thickness 0.06 in. (1.5 mm) Blue	—	10	AB1RRNAS242GR	0.10 (2.9)
8	Insulated jumper	2-pole 3-pole 4-pole 5-pole 10-pole	—	10	AB1RRAL22	0.04 (1.1)
			—	10	AB1RRAL23	0.06 (1.7)
			—	10	AB1RRAL24	0.08 (2.2)
			—	10	AB1RRAL25	0.10 (2.8)
			—	20	AB1RRAL210	0.20 (5.6)
9	Wire guide entry strip	0.13–0.2 mm ² White 0.25–0.5 mm ² Gray 0.75–1 mm ² Black	—	100	AB1RRNGF01	0.03 (0.9)
			—	100	AB1RRNGF02	0.03 (0.9)
			—	100	AB1RRNGF03	0.03 (0.9)
10	Modular test connector	Gray	—	10	AB1AT3	0.08 (2.4)
11	Modular test connector end plate		—	10	AB1AC3	0.01 (0.4)
12	Test plug	Red	—	10	AB1AT1	0.07 (1.9)
13	Terminal cover		—	10	AB1RRNCS2	0.01 (0.3)
14	Marking accessories		See pages 5/2 and 5/3.			

