

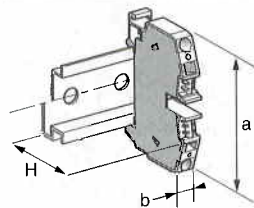
Terminal Blocks, Type AB1

Screw clamp technology
Passthrough

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

Nominal wire size

6 mm²



Approximate dimensions in. (mm)	Length (a)	
	Width (b)	
	Height (H)	$\frac{1}{2}$ rail
		with $\frac{1}{2}$ rail
Wire size, mm ²	Stranded w/o cable end	
	Stranded + cable end	
	Solid	
Tightening torque	IEC	
	UL	
Nominal electrical values	IEC/EN 60947-7-1 (1)	
	UL (4)	
	CSA (5)	
	UTE, category C	
	VDE, group C	
	ATEX - EEx ell II 2GD	

AB1VV635U**

1.81 (46)
0.31 (8)
2.40 (61)
2.11 (53.5)
2.28 (58)
0.5-6
0.5-6
0.5-10
1.2-1.6 N•m
20.0 lbf•in
800 V / 8 kV / 3-41 A
22-8 AWG, 600 V, 50 A
24-8 AWG, 600 V, 45 A
500 Vac, 500 Vdc
750 Vac, 900 Vdc, 44 A
6 mm ² , 750 V, 35/38 A, KEMA 02 ATEX 2114 U

Certifications

Terminal blocks

Gray
Blue
Orange
Red
Green
White
Black

No. points	Sold in lots of	Catalog number	Weight oz (g)
2	100	AB1VV635U	0.52 (14.8)
2	100	AB1VV635UBL	0.52 (14.8)
2	100	AB1VV635UGE	0.52 (14.8)
—	—	—	—
—	—	—	—
—	—	—	—
—	—	—	—

Accessories

2	Plastic end clamp with screw	Width 0.3 in. (7.5 mm) on $\frac{1}{2}$ rail	—	100	AB1AB7P32	0.15 (4.2)
		Width 0.3 in. (8 mm) on $\frac{1}{2}$ or $\frac{1}{4}$ rail	—	100	AB1AB8P35	0.21 (5.9)
3	Metal end clamp with screw	Width 0.4 in. (10 mm) on $\frac{1}{2}$ rail	—	100	AB1AB10M32	0.23 (6.5)
		Width 0.3 in. (8 mm) on $\frac{1}{2}$ or $\frac{1}{4}$ rail	—	100	AB1AB8M35	0.52 (14.8)
4	Clip-on plastic end clamp (2)		—	100	AB1AB8R35	0.21 (5.9)
5	Marker holder for clip-on plast. end clamp		—	10	AB1SB4	0.11 (3.1)
6	End plate	Gray	—	50	AB1AC6	0.09 (2.6)
	thickness 0.06 in. (1.5 mm)	Blue	—	50	AB1AC6BL	0.09 (2.6)
		Orange	—	50	AB1AC6GE	0.09 (2.6)
7	Partition plate	Gray	—	50	AB1AS6	0.12 (3.3)
	thickness 0.06 in. (1.5 mm)	Blue	—	50	AB1AS6BL	0.12 (3.3)
		Red	—	—	—	—
		Black	—	—	—	—
8	Jumper with screws	Non-insulated	80	10	AB1AL6	8.40 (237.0)
		Insulated (3)	2	10	AB1ALN62	0.22 (6.1)
			10	10	AB1ALN610	1.10 (30.5)
9	Jumper for 2 blocks (1)		2	50	AB1BL6	0.56 (16.0)
10	Socket for test plug, $\varnothing$ 0.16 in. (4 mm)		—	50	AB1A6	0.035 (1.0)
11	Test plug	Black	—	50	AB1AT2	0.06 (1.7)
12	Terminal cover		4	100	AB1CS6	0.05 (1.5)
13/15	Marking accessories		See pages 5/2 and 5/3.			
16	Yellow partition plate		1	100	AB1CJ6	0.018 (0.5)
17/18	Yellow protective cover	Single point	1	100	AB1CA6	0.007 (0.2)
		10 points	—	—	—	—

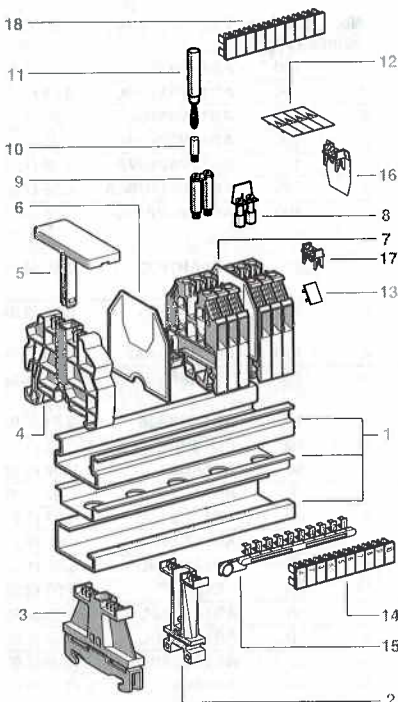


Table Footnotes:

- (1) When using jumpers, the rated voltage is reduced to 400 V/6 kV/3.
- (2) Width 0.3 in. (8 mm) on $\frac{1}{2}$ or $\frac{1}{4}$ rail.
- (3) Depending on the size of the terminal block, other jumpers between 2 and 12 points may be available.
- (4) File E164359 CCN XCFR2.
- (5) File 702070 Class 6228 01.