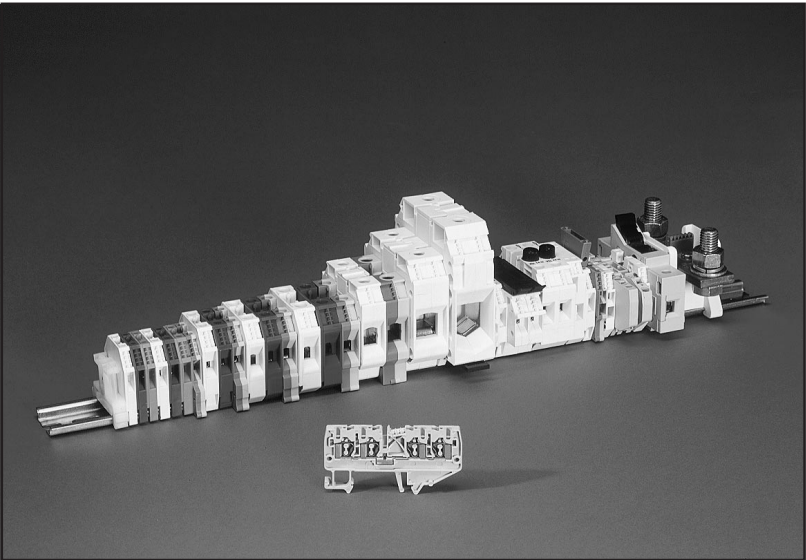


IEC Sectional Terminal Blocks

Type AB1 Terminal Blocks

File 9080



Merlin Gerin

Modicon

Square D

Telemecanique

Schneider Electric Brands

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IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks

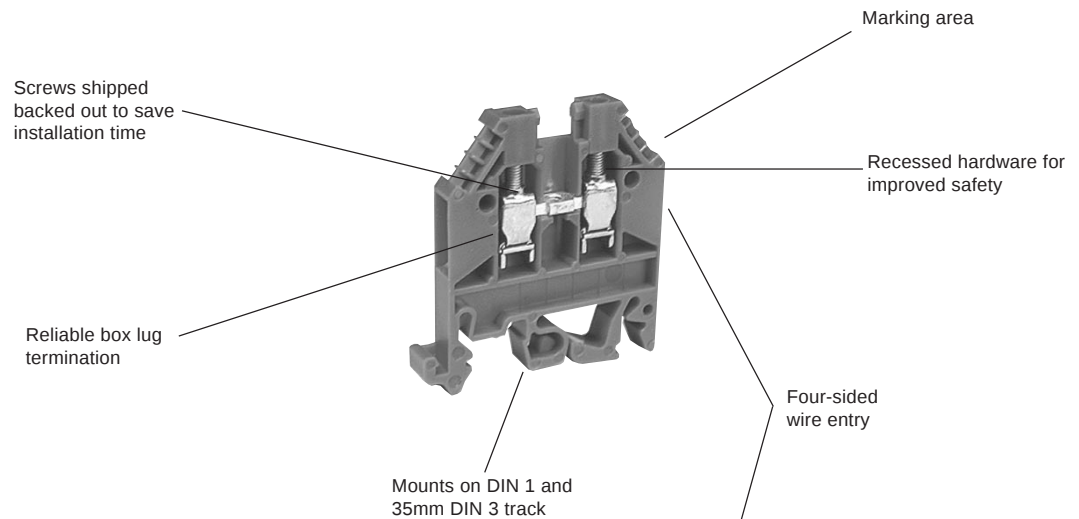


IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks

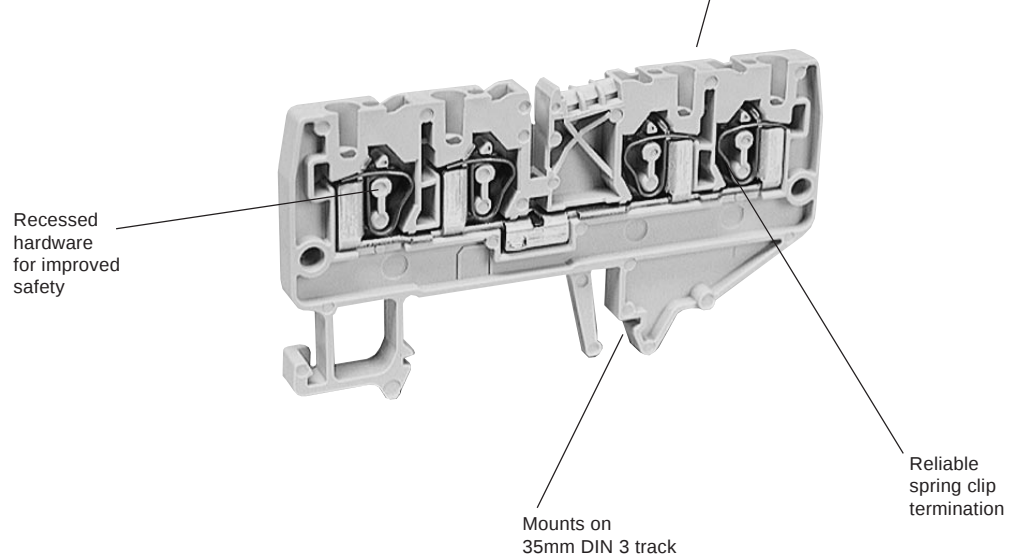
Product Overview

Materials	Block Housing	Nylon 6-6
	Clamp	Zinc plated steel with chromate film
	Bus Bar	Zinc plated steel
	Screws	Zinc plated steel with chromate film
Temperature Rating	Ambient Temperature	-40 to 221 °F (-40 to 105 °C)
Flammability Rating	Grey Blocks	UL 94V-0
	All Other Colors	UL 94V-2
Dielectric Strength		80kV/mm

Box Lug Termination



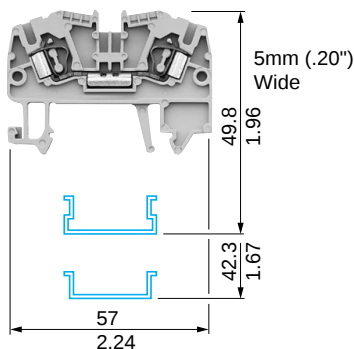
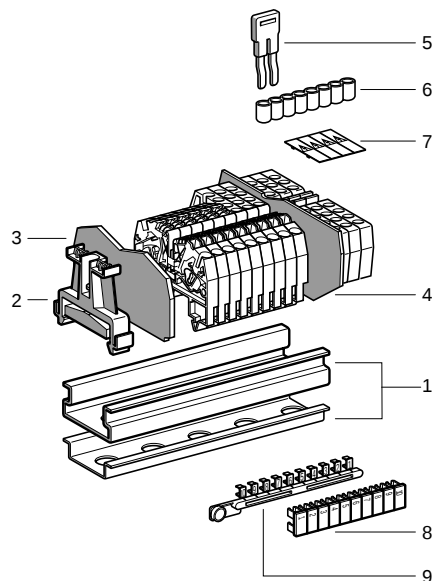
Spring Clip Termination



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks

Terminal Blocks — Spring Type Termination

Color	Catalog Number	Sold in lots of	Weight oz. (g)	Catalog Number	Sold in lots of	Weight oz. (g)
Grey RAL7032V0	AB1RR235U2GR	100	.24 (6.9)	AB1RR235U3GR	100	.28 (7.9)
Blue	AB1RR235U2BL	100	.24 (6.9)	AB1RR235U3BL	100	.28 (7.9)

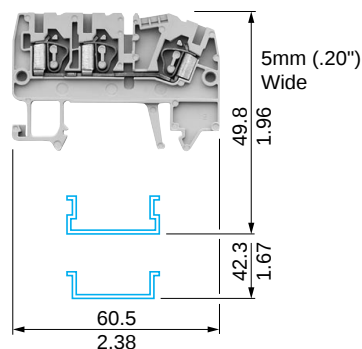


1 In / 1 Out

Wire strip length 0.43" / 11mm

Solid or stranded copper wire
22-12 AWG wire
Stranded wire without cable end: 0.5 to 2.5mm²
Stranded wire with cable end: 0.5 to 1.5mm²
Solid wire: 0.5 to 4.0mm²
UL 600V 20A
CSA 600V 25A
UTE, category C : ~ 500V, ~ 500V
VDE, group C : ~ 750V, ~ 900V, 26A

File E164359 CCN XCFR2
File LR89150 Class 6228 01
SEMCO, DEMKO, NEMKO, VDE, OVE,
GL, DNV, LROS, FI



1 In / 2 Out

Wire strip length 0.43" / 11mm

Solid or stranded copper wire
22-12 AWG wire
Stranded wire without cable end: 0.5 to 2.5mm²
Stranded wire with cable end: 0.5 to 1.5mm²
Solid wire: 0.5 to 4.0mm²
UL 600V 20A
CSA 600V 25A
UTE, category C : ~ 500V, ~ 500V
VDE, group C : ~ 750V, ~ 900V, 26A

File E164359 CCN XCFR2
File LR89150 Class 6228 01
SEMCO, DEMKO, NEMKO, VDE, OVE,
GL, DNV, LROS, FI

Accessories

1 - 2.5 Track	
1 - 3 Track	
2 - Plastic end clamp	
2 - Metal end clamp	
3 - End barrier	
4 - Partition	
5 - Insulated jumper	2 poles
	3 poles
	4 poles
	5 poles
	10 poles
6 - Wire guide	0.13-0.2 mm ²
	0.25-0.5 mm ²
	0.75-1 mm ²
7 - "Danger" live terminals cover	
8 - Printed terminal marker strips	
9 - Printed terminal marker tag strips	
10 - Blank legend plate	

▲ See pages 28 and 29 (marking accessories).
★ See page 30 for more information and additional track.

Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED● ★		
AM1DE● ★		
AB1AB8P35	100	.15 (4.2)
AB1AB8M35	100	.25 (7.0)
AB1RRAC242GR	10	.11 (3.2)
AB1RRAC242BL	10	.11 (3.2)
AB1RRAS242GR	10	.11 (3.2)
AB1RRAS242BL	10	.11 (3.2)
AB1RRAL22	100	.04 (1.1)
AB1RRAL23	100	.06 (1.6)
AB1RRAL24	100	.07 (2.1)
AB1RRAL25	50	.10 (2.7)
AB1RRAL210	50	.19 (5.4)
AB1RRGF01	100	.02 (0.6)
AB1RRGF02	100	.02 (0.6)
AB1RRGF03	100	.02 (0.6)
AB1RRCS2	100	.01 (0.2)
AB1B5●●● ▲		
AB1R● or G● ▲		
AB1SA● ▲		

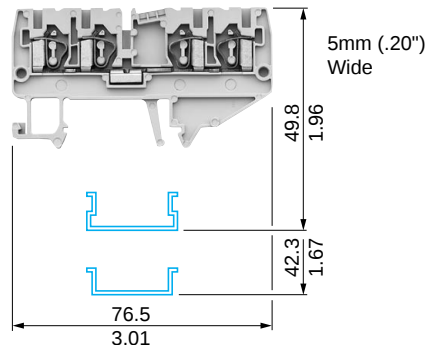
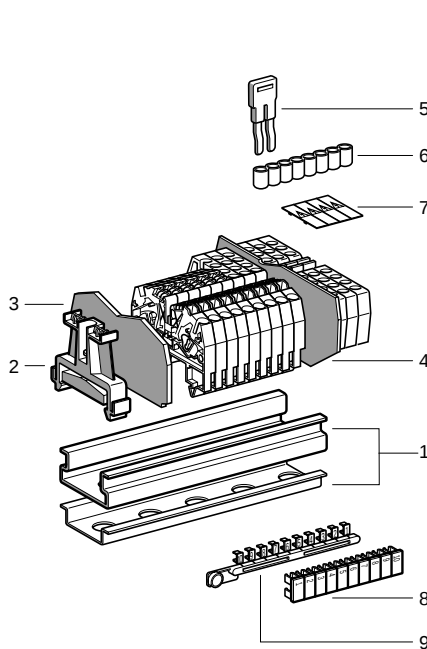
Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED● ★		
AM1DE● ★		
AB1AB8P35	100	.15 (4.2)
AB1AB8M35	100	.25 (7.0)
AB1RRAC243GR	10	.13 (3.6)
AB1RRAC243BL	10	.13 (3.6)
AB1RRAS243GR	10	.13 (3.6)
AB1RRAS243BL	10	.13 (3.6)
AB1RRAL22	100	.04 (1.1)
AB1RRAL23	100	.06 (1.6)
AB1RRAL24	100	.07 (2.1)
AB1RRAL25	50	.10 (2.7)
AB1RRAL210	50	.19 (5.4)
AB1RRGF01	100	.02 (0.6)
AB1RRGF02	100	.02 (0.6)
AB1RRGF03	100	.02 (0.6)
AB1RRCS2	100	.01 (0.2)
AB1B5●●● ▲		
AB1-R● or G● ▲		
AB1-SA● ▲		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks

Terminal Blocks — Spring Type Termination

Color	Catalog Number	Sold in lots of	Weight oz. (g)	Catalog Number	Sold in lots of	Weight oz. (g)
Grey RAL7032V0	AB1RR235U4GR	100	.28 (8.0)	AB1RR435U2GR	100	.31 (8.8)
Blue	AB1RR235U4BL	100	.28 (8.0)	AB1RR435U2BL	100	.31 (8.8)



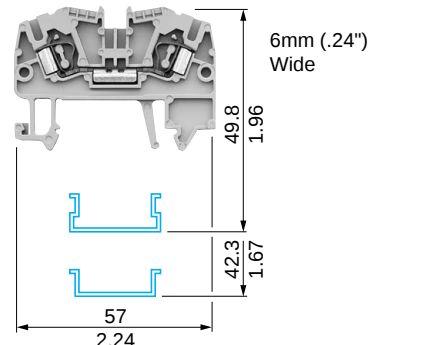
2 In / 2 Out

Wire strip length 0.43" / 11mm

Solid or stranded copper wire
22-12 AWG wire
Stranded wire without cable end: 0.5 to 2.5mm²
Stranded wire with cable end: 0.5 to 1.5mm²
Solid wire: 0.5 to 4.0mm²
UL 600V 20A
CSA 600V 25A
UTE, category C : ~ 500V, ~ 500V
VDE, group C : ~ 750V, ~ 900V, 26A

File E164359 CCN XCFR2
File LR89150 Class 6228 01
CE

SEMKO, DEMKO, NEMKO, VDE, OVE,
GL, DNV, LROS, FI



1 In / 1 Out

Wire strip length 0.43" / 11mm

Solid or stranded copper wire
22-10 AWG wire
Stranded wire without cable end: 0.5 to 4mm²
Stranded wire with cable end: 0.5 to 2.5mm²
Solid wire: 0.5 to 6mm²
UL 600V 30A
CSA 600V 35A
UTE, category C : ~ 500V, ~ 500V
VDE, group C : ~ 750V, ~ 900V, 35A

File E164359 CCN XCFR2
File LR89150 Class 6228 01
CE

SEMKO, DEMKO, NEMKO, VDE, OVE,
GL, DNV, LROS, FI

Accessories

	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
1 - 2.5 Track	AM1ED● ★			AM1ED● ★		
1 - 1.5 Track	AM1DE● ★			AM1DE● ★		
2 - Plastic end clamp	AB1AB8P35	100	.15 (4.2)	AB1AB8P35	100	1.5 (4.2)
2 - Metal end clamp	AB1AB8M35	100	.25 (7.0)	AB1AB8M35	100	.25 (7.0)
3 - End barrier	AB1RRAC244GR	10	.16 (4.4)	AB1RRAC242GR	10	.11 (3.2)
	AB1RRAC244BL	10	.16 (4.4)	AB1RRAC242BL	10	.11 (3.2)
	AB1RRAS244GR	10	.16 (4.4)	AB1RRAS242GR	10	.11 (3.2)
	AB1RRAS244BL	10	.16 (4.4)	AB1RRAS242BL	10	.11 (3.2)
4 - Partition	AB1RRAL22	100	.04 (1.1)	AB1RRAL42	10	.06 (1.6)
	AB1RRAL23	100	.06 (1.6)	AB1RRAL43	10	.08 (2.4)
	AB1RRAL24	100	.07 (2.1)	AB1RRAL44	10	.11 (3.2)
	AB1RRAL25	50	.10 (2.7)	AB1RRAL45	10	.14 (4.0)
5 - Insulated jumper	AB1RRAL210	50	.19 (5.4)	AB1RRAL410	10	.28 (8.0)
	AB1RRGF01	100	.02 (0.6)	AB1RRGF01	100	.02 (0.6)
	AB1RRGF02	100	.02 (0.6)	AB1RRGF02	100	.02 (0.6)
	AB1RRGF03	100	.02 (0.6)	AB1RRGF03	100	.02 (0.6)
6 - Wire guide	AB1RRCS2	100	.01 (0.2)	AB1RRCS4	100	.01 (0.25)
	AB1B5●●● ▲			AB1B6●●● ▲		
7 - "Danger" live terminals cover	AB1R● or G● ▲			AB1R● or G● ▲		
8 - Printed terminal marker strips	AB1SA● ▲			AB1SA● ▲		
9 - Printed terminal marker tag strips						
10 - Blank legend plate						

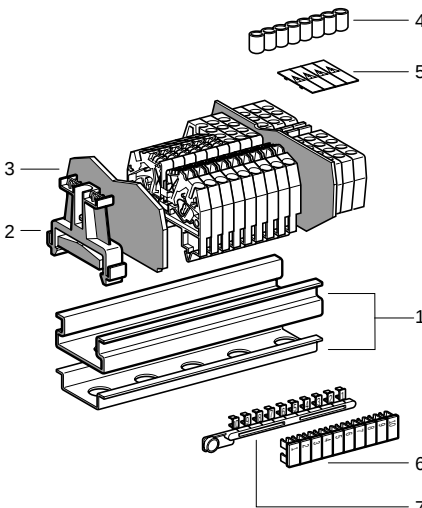
▲ See pages 28 and 29.

★ See page 30.



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Grounding Blocks with Spring Type Termination

Color	Catalog Number	Sold in lots of	Weight oz. (g)	Catalog Number	Sold in lots of	Weight oz. (g)
Green/yellow	AB1RRTP235U2	100	.45 (12.8)	AB1RRTP235U4	100	.57 (16.2)

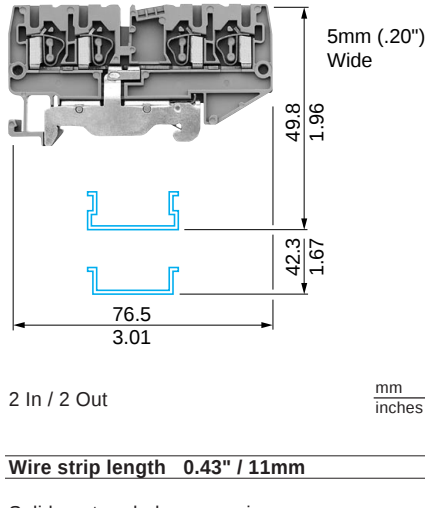


1 In / 1 Out

Wire strip length 0.43" / 11mm

Solid or stranded copper wire
22-12 AWG wire
Stranded wire without cable end: 0.5 to 2.5mm²
Stranded wire with cable end: 0.5 to 1.5mm²
Solid wire: 0.5 to 4.0mm²
UL 600V 20A
UTE, category C : ~ 500V, --- 500V
VDE, group C : ~ 750V, --- 900V, 26A

File E164359 CCN XCFR2
File LR89150 Class 6228 01
SEMKO, DEMKO, VDE, OVE, GL, DNV, LROS, FI



2 In / 2 Out

Wire strip length 0.43" / 11mm

Solid or stranded copper wire
22-12 AWG wire
Stranded wire without cable end: 0.5 to 4mm²
Stranded wire with cable end: 0.5 to 1.5mm²
Solid wire: 0.5 to 4mm²
UL 600V 20A
UTE, category C : ~ 500V, --- 500V
VDE, group C : ~ 750V, --- 900V, 26A

File E164359 CCN XCFR2
File LR89150 Class 6228 01
SEMKO, DEMKO, VDE, OVE, GL, DNV, LROS, FI

Accessories

1 - 2.5 Track	
1 - Track	
2 - Plastic end clamp	
2 - Metal end clamp	
3 - End barrier	
4 - Wire guide	0.13-0.2 mm ²
	0.25-0.5 mm ²
	0.75-1 mm ²
5 - "Danger" live terminals cover	
6 - Printed terminal marker strips	
7 - Printed terminal marker tag strips	
8 - Blank legend plate	

▲ See pages 28 and 29.

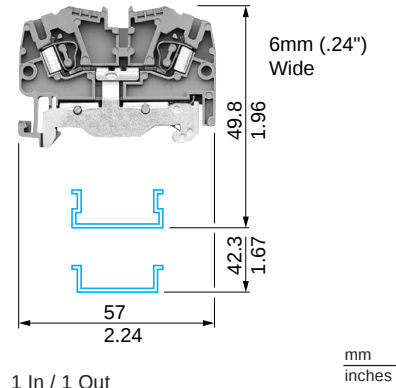
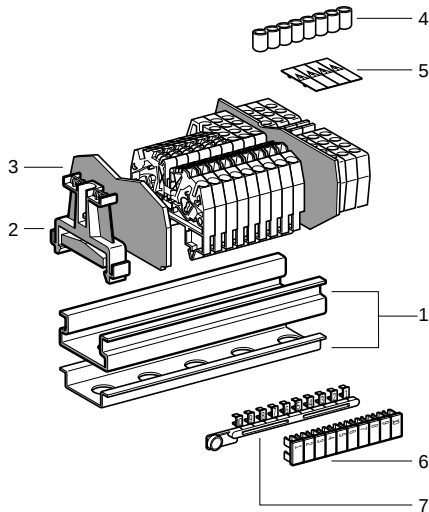
★ See page 30.

Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED● ★			AM1ED● ★		
AM1DE● ★			AM1DE● ★		
AB1AB8P35	100	.15 (4.2)	AB1AB8P35	100	.15 (4.2)
AB1AB8M35	100	.25 (7.0)	AB1AB8M35	100	.25 (7.0)
AB1RRTPAC242	100	.11 (3.2)	AB1RRTPAC244	100	.11 (3.2)
AB1RRGF01	100	.02 (0.6)	AB1RRGF01	100	.02 (0.6)
AB1RRGF02	100	.02 (0.6)	AB1RRGF02	100	.02 (0.6)
AB1RRGF03	100	.02 (0.6)	AB1RRGF03	100	.02 (0.6)
AB1RRCS2			AB1RRCS2		
AB1B5●●● ▲			AB1B5●●● ▲		
AB1R● or G● ▲			AB1R● or G● ▲		
AB1SA● ▲			AB1SA● ▲		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Grounding Blocks with Spring Type Termination

Color	Catalog Number	Sold in lots of	Weight oz. (g)
Green/yellow	AB1RRTP435U2	100	.52 (14.7)



1 In / 1 Out

mm
inches

Wire strip length 0.43" / 11mm

Solid or stranded copper wire
22-10 AWG wire
Stranded wire without cable end: 0.5 to 4mm²
Stranded wire with cable end: 0.5 to 2.5mm²
Solid wire: 0.5 to 6mm²
UL 600V 30A
UTE, category C : ~ 500V, --- 500V
VDE, group C : ~ 750V, --- 900V, 35A

File E164359 CCN XCFR2
File LR89150 Class 6228 01

SEMKO, DEMKO, NEMKO, VDE, OVE, GL,
DNV, LROS, FI

Accessories

1 - 25 Track	
1 - 12 Track	
2 - Plastic end clamp	
2 - Metal end clamp	
3 - End barrier	
4 - Wire guide	0.13 - 0.2 mm ²
	0.25 - 0.5 mm ²
	0.75 - 1 mm ²
5 - "Danger" live terminals cover	
6 - Printed terminal marker strips, 12 poles (4)	
7 - Printed terminal marker tag strips	
8 - Blank legend plate	
▲ See pages 28 and 29.	
★ See page 30.	

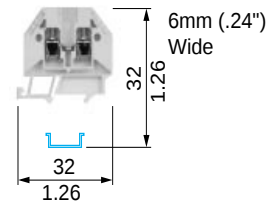
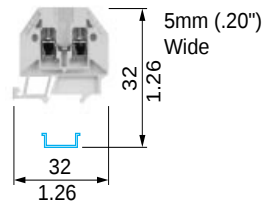
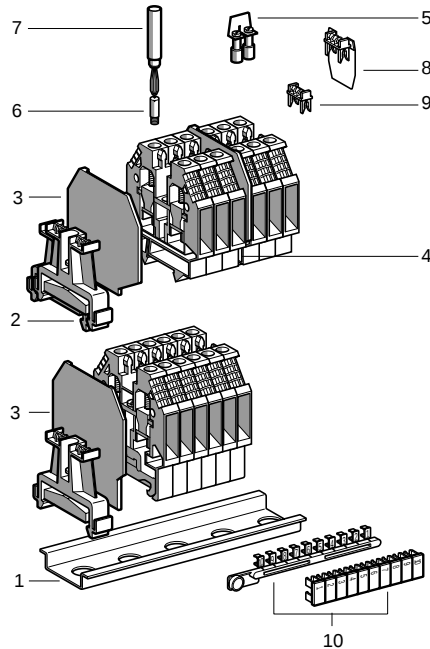
Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED● ★		
AM1DE● ★		
AB1AB8P35	100	.15 (4.2)
AB1AB8M55	100	.25 (7.0)
AB1RRTPAC242	100	.11 (3.2)
AB1RRGF01	100	.02 (0.6)
AB1RRGF02	100	.02 (0.6)
AB1RRGF03	100	.02 (0.6)
AB1RRCS4		
AB1B6●●● ▲		
AB1R● or G● ▲		
AB1SA● ▲		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks

Miniature Blocks with Screw Clamp Termination

Color	Catalog Number	Sold in lots of	Weight oz. (g)	Catalog Number	Sold in lots of	Weight oz. (g)
Grey	AB1VV215	100	.15 (4.2)	AB1VV415	100	.19 (5.5)
Blue	AB1VV215BL	100	.15 (4.2)	—		



mm
inches

Wire strip length 0.20" / 5mm

Solid or stranded copper wire
22-14 AWG wire
Stranded wire without cable end: 0.5 to 2.5mm²
Stranded wire with cable end: 0.5 to 1.5mm²
Solid wire: 0.5 to 4.0mm²
UL 300V 10A
CSA 300V 10A
UTE, category C : ~ 500V, ~ 500V
VDE, group C : ~ 750V, ~ 900V, 25A
Tightening torque: 3.5-5.3 lb-in (0.4-0.6 N·m)

File E164359 CCN XCFR2
 File LR89150 Class 6228 01
SEV, DNV, KEMA, LR, FI

Wire strip length 0.24" / 6mm

Solid or stranded copper wire
22-10 AWG wire
Stranded wire without cable end: 0.5 to 4mm²
Stranded wire with cable end: 0.5 to 2.5mm²
Solid wire: 0.5 to 6mm²
UL 600V 10A
CSA 600V 40A
UTE, category C : ~ 500 V, ~ 500V
VDE, group C : ~ 750 V, ~ 900V, 34A
Tightening torque: 4.4-6.2 lb-in (0.5-0.7 N·m)

File E164359 CCN XCFR2
 File LR89150 Class 6228 01
NEMKO (500V), SEV, DNV, KEMA, VDE, LR, FI

Accessories

1 - Galvanized "top hat" track Width: 15mm, height: 5mm, length: 1000mm	Catalog Number	Sold in lots of	Unit weight oz. (g)
2 - End clamp, width 7.5mm	AB1PC15	10	4.94 (140)
3 - End barrier, width : 1.5mm	AB1AB715	100	.08 (2.2)
4 - Partition, thickness : 1.5mm	AB1AC2	50	.05 (1.3)
5 - Jumper (screw length according to type) - for 2 poles	AB1AS2	50	.06 (1.7)
6 - Test plug socket	AB1B22	50	.06 (1.6)
7 - Test plug	AB1A2	50	.03 (0.9)
8 - Yellow partition for use between jumpers	AB1AT1	50	.06 (1.7)
9 - Yellow protective cover for jumper	AB1CJ215	100	.02 (0.6)
10 - Marking accessories	AB1CA215	100	.01 (0.4)
▲ See pages 28 and 29.	AB1R● or G● ▲		

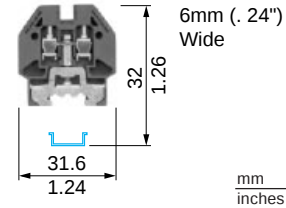
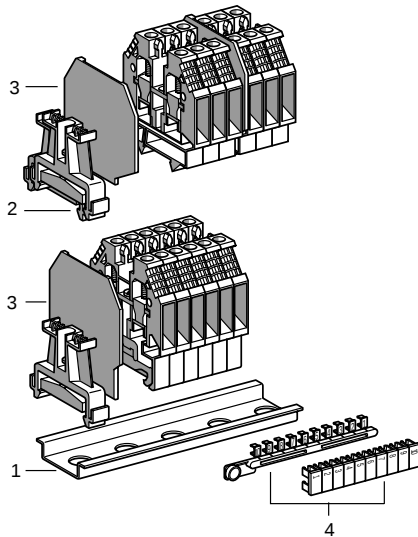
Catalog Number	Sold in lots of	Unit weight oz. (g)
AB1PC15	10	4.94 (140)
AB1AB715	100	.08 (2.2)
AB1AC2	50	.07 (1.9)
AB1AS2	50	.09 (2.5)
AB1B15	10	3.7 (105)
AB1B2	50	.07 (2.0)
AB1A3	50	.02 (0.5)
AB1AT1	50	.06 (1.7)
AB1CJ3	100	.01 (0.3)
AB1CA3	100	.01 (0.1)
AB1R● or G● ▲		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks

Miniature Grounding Blocks with Screw Clamp Termination

Color	Catalog Number	Sold in lots of	Weight oz. (g)
Green/yellow	AB1TP215	100	.41 (11.7)



Wire strip length 0.35" / 9mm

Solid or stranded copper wire

22-14 AWG wire

Stranded wire without cable end: 0.5 to 2.5mm²

Stranded wire with cable end: 0.5 to 1.5mm²

Solid wire: 0.5 to 4.0mm²

UL 300V 10A

UTE, category C : ~ 500V, --- 500V

VDE, group C : ~ 750V, --- 900V, 34A

Tightening torque: 3.5-5.3 lb-in (0.4-0.6 Nm)

File E164359 CCN XCFR2

File LR89150 Class 6228 01

NEMKO (500V), SEV, DNV, KEMA, VDE
LR, FI

Accessories

Dimensions in mm

1 - Galvanized "top hat" track

Width: 15, height: 5, length: 1000

2 - End clamp, width: 7.5

3 - End barrier, thickness: 1.5

4 - Marking accessories

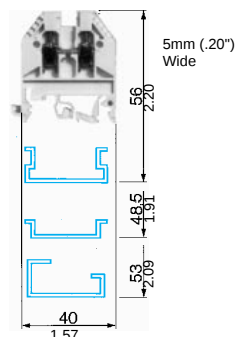
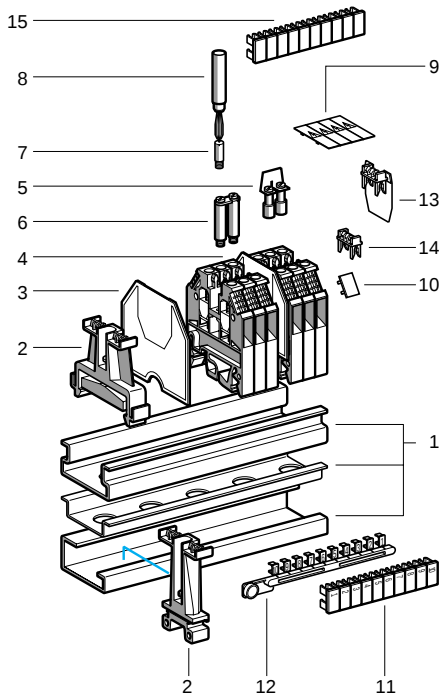
▲ See pages 28 and 29.

Catalog Number	Sold in lots of	Unit weight oz. (g)
AB1PC15	10	4.94 (140)
AB1AB715	100	.08 (2.2)
AB1CT215	50	.07 (2.0)
AB1R● or G● ▲		



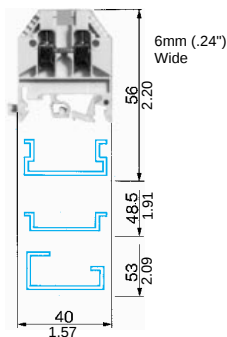
IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Box Lug Termination

Color	Catalog Number	Sold in lots of	Weight oz. (g)	Catalog Number	Sold in lots of	Weight oz. (g)
Grey RAL 7032V0	AB1VV235U	100	.23 (6.5)	AB1VV435U	100	.28 (7.8)
Blue	AB1VV235UBL	100	.23 (6.5)	AB1VV435UBL	100	.28 (7.8)
Orange	AB1VV235UGE	100	.23 (6.5)	AB1VV435UGE	100	.28 (7.8)
Black				AB1VV435UNO	100	.28 (7.8)
Red				AB1VV435URO	100	.28 (7.8)
Green				AB1VV435UVE	100	.28 (7.8)
White				AB1VV435UBLA	100	.28 (7.8)



Wire strip length 0.35" / 9mm

Solid or stranded copper wire
22-12 AWG wire
Stranded wire without cable end: 0.5 to 2.5mm²
Stranded wire with cable end: 0.5 to 1.5mm²
Solid wire: 0.5 to 4.0mm²
UL 600V 20A
CSA 600V 25A
UTE, category C : ~ 500V, --- 500V
VDE, group C : ~ 750V, --- 900V, 26A
Tightening torque: 3.5-5.3 lb-in (0.4-0.6 N·m)
File E164359 CCN XCFR2
File LR89150 Class 6228 01
CE
DEMKO (500V), NEMKO (500V), GL, LROS, DNV, USSR, KEMA, VDE, LCIE, SEV, FI, SEMKO, RINA, LR, CEBEC, OEVE, EEX



Wire strip length 0.35" / 9mm

Solid or stranded copper wire
22-10 AWG wire
Stranded wire without cable end: 0.5 to 4mm²
Stranded wire with cable end: 0.5 to 2.5mm²
Solid wire: 0.5 to 6mm²
UL 600V 30A
CSA 600V 35A
UTE, category C : ~ 500V, --- 500V
VDE, group C : ~ 750V, --- 900V, 34A
Tightening torque: 4.4-6.2 lb-in (0.5-0.7 N·m)
File E164359 CCN XCFR2
File LR89150 Class 6228 01
CE
DEMKO (500V), NEMKO (500V), GL, LROS, DNV, USSR, KEMA, SEMKO, VDE, LCIE, SEV, FI, CEBEC, RINA, LR, OEVE, EEX

Accessories

Dimensions in mm

1 - 25 track ★	
1 - 10 track ★	
1 - 5 track ★	
2 - Plastic end clamps	width 7.5 on 5 track width 8 on 10 or 25 track width 10 on 5 track
2 - Metal end clamps	width 8 on 5 track or 10 track width 10 on 25 track
3 - End barriers, thickness 3/3.5mm	grey blue orange
4 - Partition: thickness 3/3.5mm, grey	
5 - Jumpers with screws	non insulated insulated
- for 2 poles	
- for 10 poles	
6 - Pivoting jumper bar for 2 blocks	
7 - Test plug socket, 3mm diameter	
8 - Test plug, 3mm diameter	
9 - "Danger" live terminals cover	
10 - Blank legend plate	
11 - Printed terminal marker strips	
12 - Printed terminal marker tag strips	
13 - Yellow partition for use between jumpers	
14 - Yellow protective cover for individual jumper	
15 - Yellow protective cover for 10 pole jumper	

▲ See pages 28 and 29.

★ See page 30.

Catalog Number	Number of points	Sold in lots of	Unit weight oz. (g)
AM1ED● ★			
AM1D●● ★			
DZ5MB● ★			
AB1AB7P32		100	.15 (4.2)
AB1AB8P35		100	.21 (5.9)
AB1AB10M32		100	.23 (6.5)
AB1AB8M35		100	.25 (7.0)
AB1AC24		50	.07 (1.9)
AB1AC24BL		50	.07 (1.9)
AB1AC24GE		50	.07 (1.9)
AB1AS24		50	.09 (2.5)
AB1AL2	80	10	3.70 (105)
AB1ALN22		10	.07 (2.0)
AB1ALN210		50	.35 (10)
AB1BL2		50	.35 (10)
AB1A2		50	.02 (0.5)
AB1AT1		50	.06 (1.7)
AB1CS2		100	.03 (0.8)
AB1SA● ▲			
AB1B5●●● ▲			
AB1R● or G● ▲			

AB1CJ2	100	.01 (0.3)
AB1CA2	100	.01 (0.1)

Catalog Number	Number of points	Sold in lots of	Unit weight oz. (g)
AM1ED● ★			
AM1D●● ★			
DZ5MB● ★			
AB1AB7P32		100	.15 (4.2)
AB1AB8P35		100	.21 (5.9)
AB1AB10M32		100	.23 (6.5)
AB1AB8M35		100	.25 (7.0)
AB1AC24		50	.07 (1.9)
AB1AC24BL		50	.07 (1.9)
AB1AC24GE		50	.07 (1.9)
AB1AS24		50	.09 (2.5)
AB1AL4	70	10	5.11 (145)
AB1ALN42		10	.10 (2.9)
AB1ALN410		50	.51 (14.5)
AB1BL4		50	.42 (12)
AB1A4		50	.02 (0.5)
AB1AT1		50	.06 (1.7)
AB1CS4		100	.03 (0.9)
AB1SA● ▲			
AB1B6●●● ▲			
AB1R● or G● ▲			

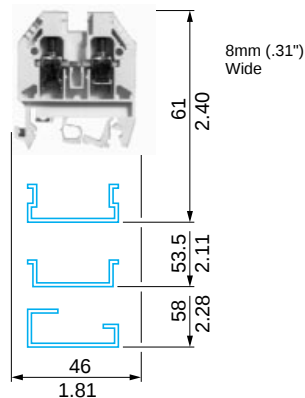
AB1CJ4	100	.01 (0.3)
AB1CA4	100	.01 (0.1)
AB1CA410ET	50	.04 (1.0)

◆ Number of parallel connections (diagram reference 5).



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Box Lug Termination

Catalog Number	Sold in lots of	Weight oz. (g)
AB1VV635U	100	.52 (14.8)
AB1VV635UBL	100	.52 (14.8)
AB1VV635UGE	100	.52 (14.8)



Wire strip length 0.51" / 13mm

Solid or stranded copper wire
22-8 AWG wire
Stranded wire without cable end: 0.5 to 6mm²
Stranded wire with cable end: 0.5 to 6mm²
Solid wire: 0.5 to 10mm²
UL 600V 50A
CSA 600V 45A
UTE, category C : ~ 500V, --- 500V
VDE, group C : ~ 750V, --- 900V, 44A
Tightening torque: 10.5-14.1 lb-in (1.2-1.6 N·m)
File E164359 CCN XCFR2
File LR89150 Class 6228 01
CE
DEMKO (500V), NEMKO (500V), GL, LROS, DNV, USSR, KEMA, VDE, LCIE, SEMKO, FI, RINA, LR, CEBEC, OEVE, EEX

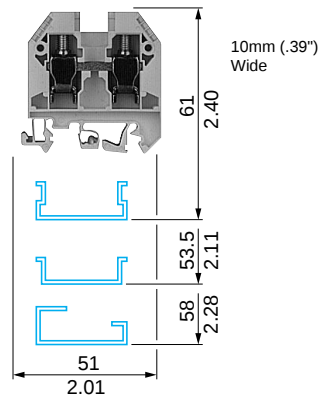
Catalog Number	Number of points	Sold in lots of	Unit weight oz. (g)
AM1ED● ★			
AM1D●● ★			
DZ5MB● ★			
AB1AB7P32	100	.15 (4.2)	
AB1AB8P35	100	.21 (5.9)	
AB1AB10M32	100	.23 (6.5)	
AB1AB8M35	100	.25 (7.0)	
AB1AC6	50	.09 (2.6)	
AB1AC6BL	50	.09 (2.6)	
AB1AC6GE	50	.09 (2.6)	
AB1AS6	50	.12 (3.3)	
AB1AL6	40	10 8.36 (237)	
AB1ALN62	10	.22 (6.1)	
AB1ALN610	50	1.08 (30.5)	
AB1A6	50	.04 (1.0)	
AB1AT2	50	.06 (1.7)	
AB1CS6	100	.05 (1.5)	
AB1SA● ▲			
AB1B8●●● ▲			
AB1R● or G● ▲			

AB1CJ6	100	.02 (0.5)
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AB1CA6	100	.01 (0.2)
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★ See page 30.
▲ See pages 28 and 29.

Catalog Number	Sold in lots of	Weight oz. (g)
AB1VVN1035U	50	.92 (26)
AB1VVN1035UBL	50	.92 (26)
—	—	—



Wire strip length 0.51" / 13mm

Solid or stranded copper wire
16-6 AWG wire
Stranded wire without cable end: 1 to 10mm²
Stranded wire with cable end: 1 to 10mm²
Solid wire: 1 to 16mm²
UL 600V 65A
CSA 600V 70A
UTE, category C : ~ 500V, --- 500V
VDE, group C : ~ 750V, --- 900V, 63A
Tightening torque: 17.6-22.0 lb-in (2.0-2.5 N·m)
File E164359 CCN XCFR2
File LR89150 Class 6228 01
CE
DEMKO (500V), NEMKO (500V), GL, LROS, DNV, VDE, SEMKO, FI, NV, RINA, EEX, KEMA

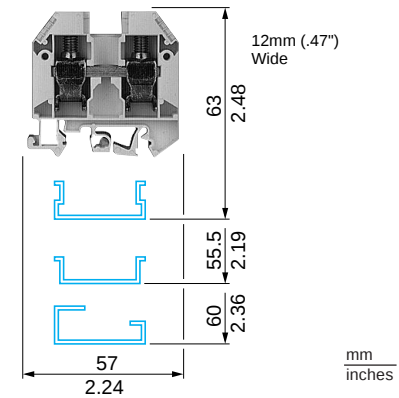
Catalog Number	Number of points	Sold in lots of	Unit weight oz. (g)
AM1ED● ★			
AM1D●● ★			
DZ5MB● ★			
AB1AB7P32	100	.15 (4.2)	
AB1AB8P35	100	.21 (5.9)	
AB1AB10M32	100	.23 (6.5)	
AB1AB8M35	100	.25 (7.0)	
AB1ACN10	10	.13 (3.7)	
AB1ACN10BL	10	.13 (3.7)	
AB1ASN10	10	.16 (4.5)	
AB1ALN10	40	10 6.35 (180)	
AB1ALN102	10	.41 (11.6)	
AB1ALN1010	50	2.05 (58)	
AB1-A10	50	.04 (1.0)	
AB1AT2	50	.06 (1.7)	
AB1CSN10	10	.05 (1.4)	
AB1SA● ▲			
AB1R● or G● ▲			

AB1CJN10	10	.02 (0.7)
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AB1CA10	100	.01 (0.3)
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◆ Thickness : 2 mm.
▶ Number of parallel connections (diagram reference 5).

Catalog number	Sold in lots of	Weight oz. (g)
AB1VVN1635U	50	1.41 (40)
AB1VVN1635UBL	50	1.41 (40)
—	—	—



Wire strip length 0.59" / 15mm

Solid or stranded copper wire
12-4 AWG wire
Stranded wire without cable end: 2.5 to 16mm²
Stranded wire with cable end: 2.5 to 16mm²
Solid wire: 6 to 25mm²
UL 600V 85A
CSA 600V 95A
UTE, category C : ~ 500V, --- 500V
VDE, group C : ~ 750V, --- 900V, 85A
Tightening torque: 22.0-26.4 lb-in (2.5-3.0 N·m)
File E164359 CCN XCFR2
File LR89150 Class 6228 01
CE
DEMKO (500V), NEMKO (500V), GL, LROS, DNV, VDE, SEMKO, KEMA, RINA, NV, EEX

Catalog Number	Number of points	Sold in lots of	Unit weight oz. (g)
AM1ED● ★			
AM1D●● ★			
DZ5MB● ★			
AB1AB7P32	100	.15 (4.2)	
AB1AB8P35	100	.21 (5.9)	
AB1AB10M32	100	.23 (6.5)	
AB1AB8M35	100	.25 (7.0)	
AB1ACN16	10	.19 (5.4)	
AB1ACN16BL	10	.19 (5.4)	
AB1ASN16	10	.23 (6.4)	
AB1ALN16	30	10 11.29 (320)	
AB1ALN162	10	.88 (25)	
AB1ALN1610	10	4.41 (125)	
AB1A16	50	.04 (1.0)	
AB1AT2	50	.06 (1.7)	
AB1CSN16	10	.05 (1.4)	
AB1SA● ▲			
AB1R● or G● ▲			

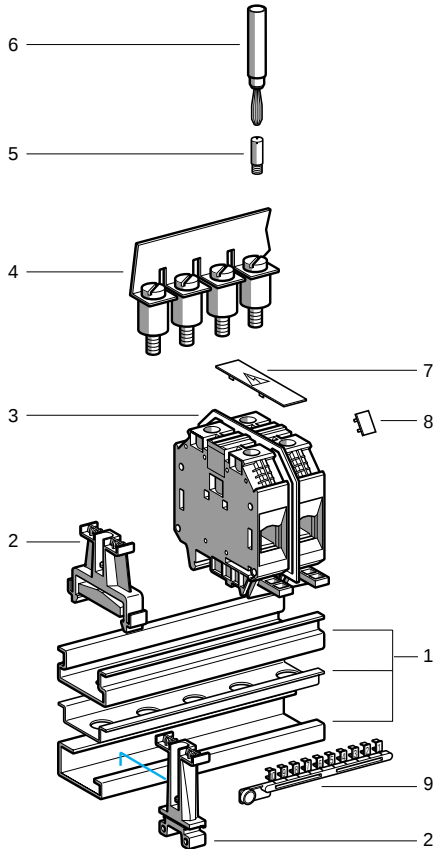
AB1CJN16	10	.05 (1.3)
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AB1CA16	50	.01 (0.4)
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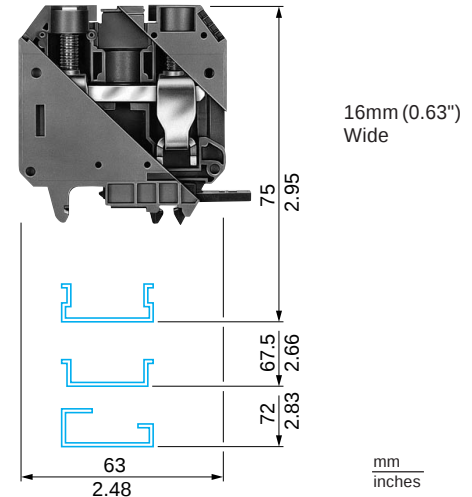


IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Box Lug Termination

Color
Grey RAL 7032V0
Blue



Catalog Number	Sold in lots of	Weight oz. (g)
AB1VVN3535U	20	2.50 (71)
AB1VVN3535UBL	20	2.50 (71)



Wire strip length 0.79" / 20mm

Solid or stranded copper wire
10-2 AWG wire

Stranded wire without cable end: 6 to 35mm²

Stranded wire with cable end: 6 to 35mm²

Solid wire: 10 to 50mm²

UL 600V 95A

CSA 600V 110A

UTE, category C : ~ 500V, --- 500V

VDE, group C : ~ 750V, --- 900V, 138A

Tightening torque: 52.7-87.9 lb-in (6.0-10.0 N•m)

File E164359 CCN XCFR2

File LR89150 Class 6228 01

CE

NEMKO, SEMKO, DNV, GL, DEMKO, FI,
NV, RINA, EEX

Accessories

Dimensions in mm

1 - 2.5 track ★	
1 - 4 track ★	
1 - 10 track ★	
2 - Plastic end clamps	width 7.5 on 10 width 8 on 2.5 or 2.5
2 - Metal end clamps	width 10 on 10 width 8 on 2.5 or 2.5
3 - Partition (grey)	thickness 1.5 thickness 3
4 - Jumpers with screws	
- for 2 poles	non insulated insulated
- length 315 mm	
5 - Test plug socket	
6 - Test plug	
7 - "Danger" live terminals cover	
8 - Blank legend plate	
9 - Marking accessories	
Yellow protective cover	

★ See page 30.

▲ See pages 28 and 29.

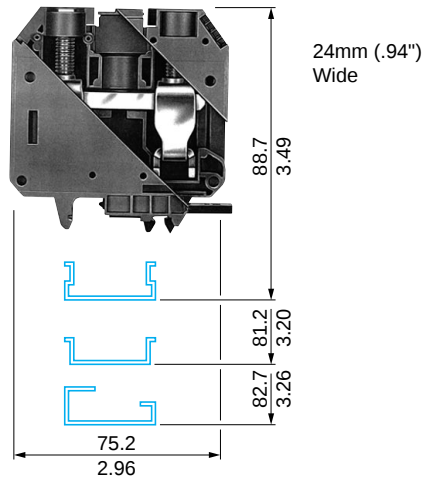
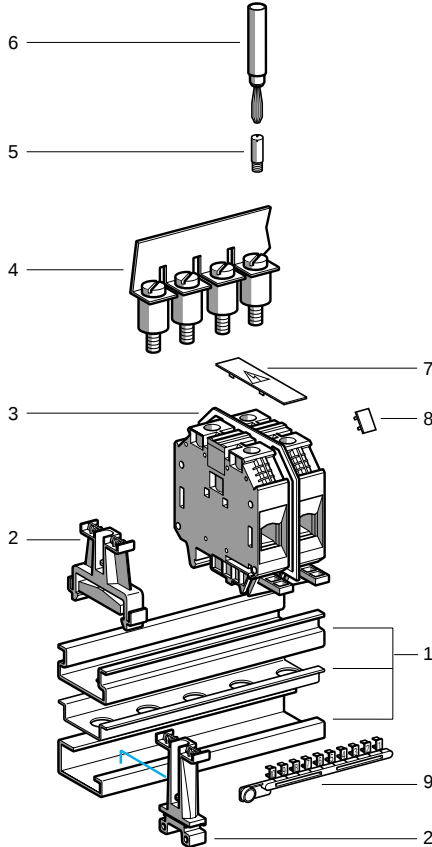
► Number of parallel connections (diagram reference 4).

Catalog Number	Number of points ►	Sold in lots of	Unit weight oz. (g)
AM1ED● ★			
AM1D●● ★			
DZ5MB● ★			
AB1AB7P32		100	.15 (4.2)
AB1AB8P35		100	.21 (5.9)
AB1AB10M32		100	.23 (6.5)
AB1AB8M35		100	.25 (7.0)
AB1ASN35		10	.25 (7.0)
—			
AB1ALN352		10	.10 (2.8)
AB1ALN35	20	10	1.00 (28.4)
AB1A35		20	.10 (2.7)
AB1AT2		50	.06 (1.7)
AB1CSN35		10	.05 (1.4)
AB1SA● ▲			
AB1R● or G● ▲			
AB1CA35		50	.02 (0.7)



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Box Lug Termination

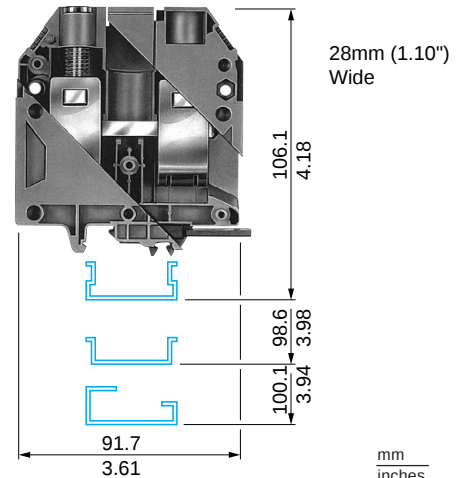
Color	Catalog Number	Sold in lots of	Weight oz (g)	Catalog Number	Sold in lots of	Weight oz (g)
Grey RAL 7032 V0	AB1VVN7035U	20	6.10 (173)	AB1VVN15035U	10	9.42 (267)
Blue	AB1VVN7035UBL	20	6.10 (173)	AB1VVN15035UBL	10	9.42 (267)



Wire strip length 0.94" / 24mm

Solid or stranded copper wire
6-2/0 AWG wire
Stranded wire without cable end: 16 to 70mm²
Stranded wire with cable end: 16 to 70mm²
Solid wire: 16 to 95mm²
UL 600V 175A
CSA 600V 170A
UTE, category C : ~ 500V, --- 500V
VDE, group C : ~ 750V, --- 900V, 213A
Tightening torque: 52.7-87.9 lb-in (6.0-10.0 N·m)
File E164359 CCN XCFR2
File LR89150 Class 6228 01
CE

VDE, RINA, EEX



Wire strip length 1.38" / 35mm

Solid or stranded copper wire
2/0 AWG to 350 kcmil wire
Stranded wire without cable end: 35 to 150mm²
Stranded wire with cable end: 35 to 150mm²
Solid wire: 35 to 185mm²
UL 600V 335A
CSA 600V 365A
UTE, category C : ~ 500V, --- 500V
VDE, group C : ~ 750V, --- 900V, 34A
Tightening torque: 150 lb-in (17.1 N·m)
File E164359 CCN XCFR2
File LR89150 Class 6228 01
CE

VDE, ASE, DEMKO

Accessories

Dimensions in mm

1 - 25 track ★	
1 - 35 track ★	
1 - 50 track ★	
2 - Plastic end clamps	width 7.5 on 25
	width 8 on 35 or 50
2 - Metal end clamps	width 10 on 25
	width 8 on 35 or 50
3 - Partition (grey)	thickness 1.5
	thickness 3
4 - Jumpers with screws	
- for 2 poles	non insulated
	insulated
- length 315 mm	
5 - Test plug socket	
6 - Test plug	
7 - "Danger" live terminals cover	
8 - Blank legend plate	
9 - Marking accessories	
Yellow protective cover	
★ See page 30.	
▲ See pages 28 and 29.	

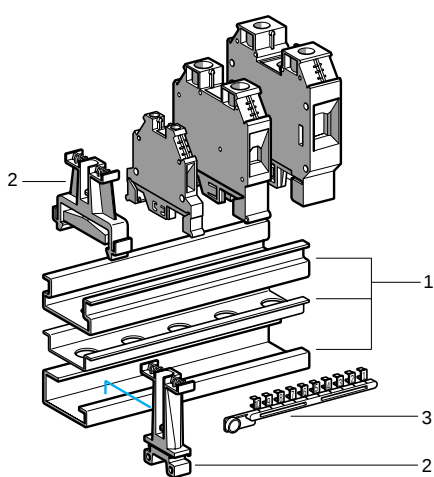
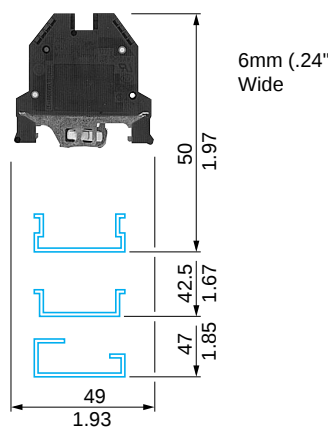
Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED● ★			AM1ED● ★		
AM1D●● ★			AM1D●● ★		
DZ5MB● ★			DZ5MB● ★		
AB1AB7P32	100	.15 (4.2)	AB1AB8P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)	AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)	AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)	AB1AB8M35	100	.25 (7.0)
—			—		
AB1ASN70	10	.79 (22.3)	—		
—			—		
AB1ALN702	10	.10 (2.8)	AB1ALN1502	10	5.15 (146)
—			—		
—			—		
—			—		
—			—		
AB1CSN70	10	.05 (1.4)	AB1CSN150	10	.11 (3.2)
AB1SA● ▲			AB1SA● ▲		
AB1R● or G ▲			AB1R● or G ▲		
AB1CA70	50	.02 (0.8)	—		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks

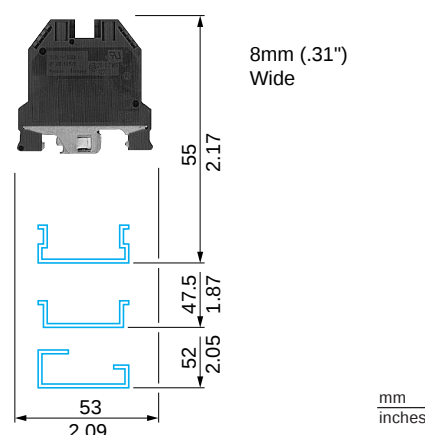
Grounding Blocks with Box Lug Termination

Color	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
Green/yellow	AB1TP435U	100	.88 (25)	AB1TP635U	100	1.48 (42)

Wire strip length 0.35" / 9mm

Solid or stranded copper wire
22-12 AWG wire
Stranded wire without cable end: 0.5 to 4mm²
Stranded wire with cable end: 0.5 to 2.5mm²
Solid wire: 0.5 to 6mm²
UL 600V 20A
VDE, group C : ~ 750V, --- 900V
Tightening torque: 4.4-6.2 lb-in (0.5-0.7 N•m)
File E164359 CCN XCFR2
File LR89150 Class 6228 01
NEMKO (500V), EEX, DNV, USSR, KEMA, SEMKO, LCIE, CEBEC, GL, SEV, RINA, FI



Wire strip length 0.51" / 13mm

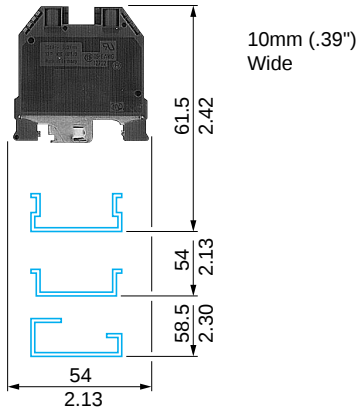
Solid or stranded copper wire
20-8 AWG wire
Stranded wire without cable end: 0.5 to 6mm²
Stranded wire with cable end: 0.5 to 6mm²
Solid wire: 0.5 to 10mm²
UL 600V 20A
VDE, group C : ~ 750V, --- 900V
Tightening torque: 10.5-14.1 lb-in (1.2-1.6 N•m)
File E164359 CCN XCFR2
File LR89150 Class 6228 01
NEMKO (500V), DNV, USSR, KEMA, SEMKO, LCIE, FI, CEBEC, GL, SEV, RINA, EEX

Accessories	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
Dimensions in mm						
1 - 25 track ★	AM1ED● ★			AM1ED● ★		
1 - 16 track ★	AM1D●● ★			AM1D●● ★		
1 - 12 track ★	DZ5MB● ★			DZ5MB● ★		
2 - Plastic end clamps	width 7.5 on 12	AB1AB7P32	100 .15 (4.2)	AB1AB7P32	100 .15 (4.2)	
	width 8 on 16 or 25	AB1AB8P35	100 .21 (5.9)	AB1AB8P35	100 .21 (5.9)	
2 - Metal end clamps	width 10 on 12	AB1AB10M32	100 .23 (6.5)	AB1AB10M32	100 .23 (6.5)	
	width 8 on 16 or 25	AB1AB8M35	100 .25 (7.0)	AB1AB8M35	100 .25 (7.0)	
3 - Marking accessories		AB1-R● or G● ▲		AB1R● or G● ▲		
★ See page 30.						
▲ See pages 28 and 29.						



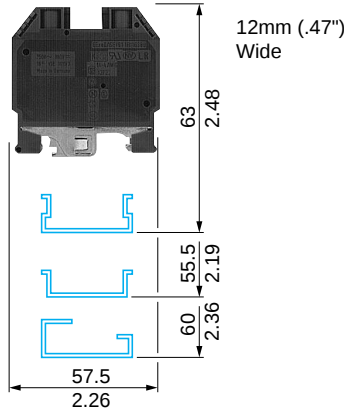
IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Grounding Blocks with Box Lug Termination

Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
AB1TP1035U	50	2.01 (57)	AB1TP1635U	50	2.68 (76)	AB1TP3535U	20	4.48 (127)



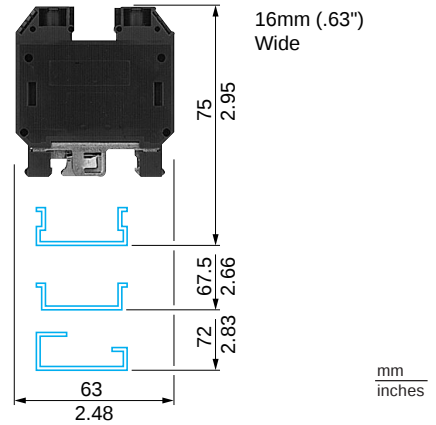
Wire strip length 0.51" / 13mm

Solid or stranded copper wire
16-6 AWG wire
Stranded wire without cable end: 1 to 10mm²
Stranded wire with cable end: 1 to 10mm²
Solid wire: 1 to 16mm²
UL 600V 65A
VDE, group C : ~ 750V, --- 900V
Tightening torque: 17.6-22.0 lb-in (2.0-2.5 N•m)
 File E164359 CCN XCFR2
 File LR89150 Class 6228 01
NEMKO (500V), DNV, USSR, KEMA,
SEMKO, LCIE, FI, SEV, RINA
LR, CEBEC, EEX



Wire strip length 0.59" / 15mm

Solid or stranded copper wire
12-4 AWG wire
Stranded wire without cable end: 2.5 to 16mm²
Stranded wire with cable end: 2.5 to 16mm²
Solid wire: 6 to 25mm²
UL 600V 85A
VDE, group C : ~ 750V, --- 900V
Tightening torque: 22.0-26.4 lb-in (2.5-3.0 N•m)
 File E164359 CCN XCFR2
 File LR89150 Class 6228 01
NEMKO (500V), DNV, USSR, KEMA,
SEMKO, LCIE, FI, SEV, RINA,
LR, CEBEC, EEX



Wire strip length 0.79" / 20mm

Solid or stranded copper wire
10-2 AWG wire
Stranded wire without cable end: 6 to 35mm²
Stranded wire with cable end: 6 to 35mm²
Solid wire: 10 to 50mm²
UL 600V 95A
VDE, group C : ~ 750V, --- 900V
Tightening torque: 52.7-87.9 lb-in (6.0-10.0 N•m)
 File E164359 CCN XCFR2
 File LR89150 Class 6228 01
NEMKO (500V), DNV, USSR, KEMA,
SEMKO, LCIE, FI, SEV, RINA,
LR, CEBEC, EEX

Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED● ★		
AM1D●● ★		
DZ5MB● ★		
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1R● or G● ▲		

★ See page 30.
▲ See pages 28 and 29.

Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED● ★		
AM1D●● ★		
DZ5MB● ★		
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1R● or G● ▲		

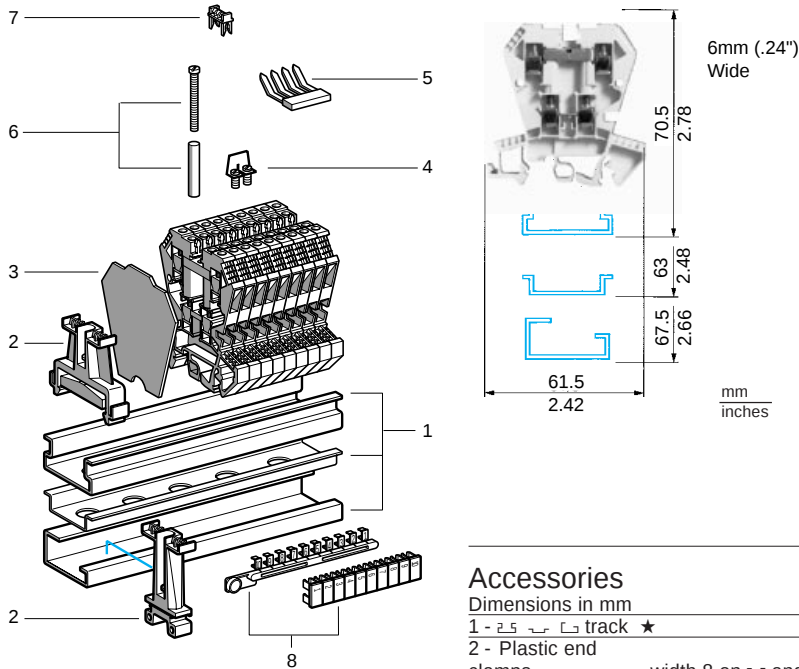
Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED● ★		
AM1D●● ★		
DZ5MB● ★		
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1R● or G● ▲		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks

Two-Tier Block with Box Lug Termination

	Color	Catalog Number	Sold in lots of	Weight oz. (g)
2 screw clamp connections	Grey	AB1ET435U	100	.53 (15.1)
2 screw clamp connections + upper-lower link	Black	AB1ET435U2	100	.53 (15.1)
2 screw clamp connections + protective earth	Green-yellow	AB1ET435UTP	100	.53 (15.1)
2 screw clamp connections + 24V LED (red)	Red	AB1ET435UBRO	100	.53 (15.1)
2 screw clamp connections + 24V LED (green)	Red	AB1ET435UBVE	100	.53 (15.1)
2 screw clamp connections + head-to-tail diodes (red)	Orange	AB1ET435UBGE	100	.53 (15.1)
2 screw clamp connections + diode upper-lower	Red	AB1ET435UHBRO	100	.53 (15.1)
2 screw clamp connections + diode lower-upper	Orange	AB1ET435UBHGE	100	.53 (15.1)
2 screw clamp connections + 2 diodes	Red	AB1ET435U2DRO	100	.53 (15.1)



Wire strip length 0.35" / 9mm

Solid or stranded copper wire
 22-10 AWG wire
 Stranded wire without cable end: 0.5 to 4mm²
 Stranded wire with cable end: 0.5 to 2.5mm²
 Solid wire: 0.5 to 6mm²

UL	AB1ET435U	300V	20A
	AB1ET435U2	300V	20A
	All Others	Not approved	
CSA	All	300V	10A

UTE, category C : ~ 400V, ~ 250V
 VDE, group C : ~ 380V, ~ 450V, 34A

Tightening torque: 4.4-6.2 lb-in (0.5-0.7 N•m)

File E164359 CCN XCFR2
 (AB1ET435U & AB1ET435U2)
 File LR89150 Class 6228 01

NEMKO, DNV, SEMKO, USSR, GL
 FI, SEV, LR, UR, CEBEC, RINA

Accessories

Dimensions in mm

1 - 2.5 track ★

2 - Plastic end

clamps width 8 on 2.5 and 1.5

2 - Metal end

clamps width 8 on 2.5 and 1.5

3 - End barrier, thickness 1.5, grey

4 - Jumper with screws

(length according to type)

- for 2 poles

5 - Insulated jumper

2 poles lower

6 poles lower

2 poles upper

6 poles upper

6 - Jumper between 2 decks

7 - Yellow protective cover for single jumper

8 - Marking accessories

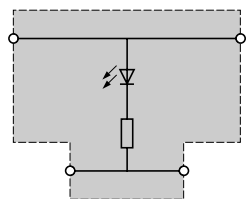
★ See page 30.

▲ See pages 28 and 29.

Catalog Number	Sold in lots of	Unit weight oz. (g)
AB1AB8P35	100	.21 (5.9)
AB1AB8M35	100	.25 (7.0)
AB1TE	50	.12 (3.5)
AB1BE	10	10.76 (305)
AB1BE2	50	.06 (1.7)
AB1CC42INFRO	100	.03 (0.9)
AB1CC46INFRO	100	.11 (3.0)
AB1CC42SUPRO	100	.03 (0.9)
AB1CC46SUPRO	100	.11 (3.0)
AB1L2ET	50	.09 (2.5)
AB1CA410ET	100	.01 (0.1)
AB1R● or G● ▲		

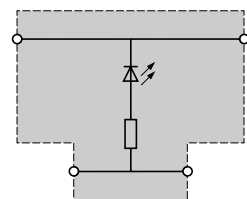
Schemes

AB1ET435UBRO



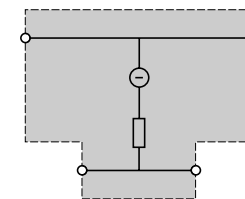
R = 2.2 kΩ - 0.35 W
 Nominal voltage 24 V

AB1ET435UBGE



R = 2.2 kΩ - 0.35 W
 Nominal voltage 24 V

AB1ET435UFSBL

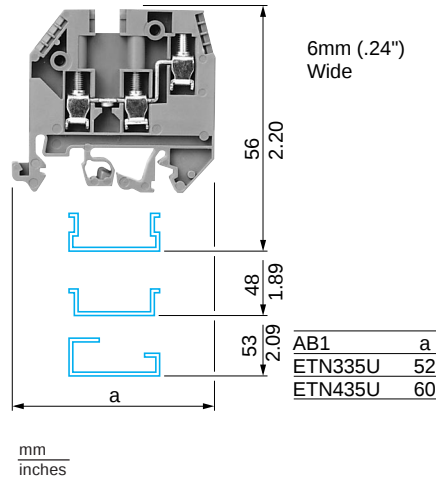
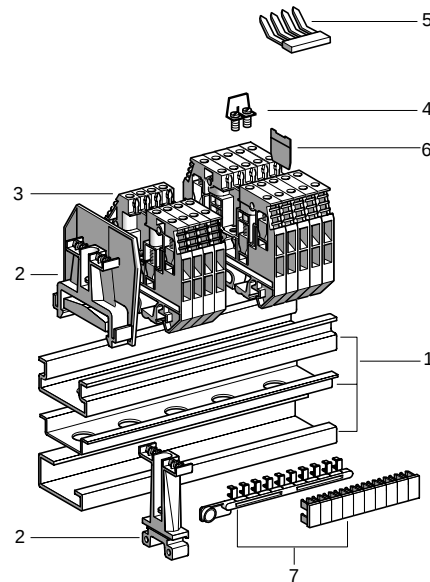


R = 680 kΩ - 0.25 W
 Nominal voltage 24 V



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Two-Tier Blocks

	Color	Catalog Number	Sold in lots of	Weight oz. (g)
1 terminals in; 2 terminals out via screw terminals	Grey	AB1ETN335U	100	.53 (15.1)
2 terminals in; 2 terminals out via screw terminals	Grey	AB1ETN435U	100	.53 (15.1)
2 terminals in; 2 terminals out via screw terminals	Yellow/green	AB1ETNTP435U	100	.56 (16.0)



Wire strip length 0.35" / 9mm

Solid or stranded copper wire
 22-10 AWG wire
 Stranded wire without cable end: 0.5 to 4mm²
 Stranded wire with cable end: 0.5 to 2.5mm²
 Solid wire: 0.5 to 6mm²
 UL 600V 30A
 CSA 600V 30A
 UTE, category C : ~ 400V, ~ 250V
 VDE, group C : ~ 380V, ~ 450V, 34A
 Tightening torque: 4.4-6.2 lb-in (0.5-0.7 N•m)

File E164359 CCN XCFR2
 File LR89150 Class 6228 01
 CE

NEMKO, DNV, SEMKO, USSR, GL
 FI, SEV, LR, UR, CEBEC, RINA

Accessories

Dimensions in mm

1 - 25 track ★

2 - Plastic end clamps	width 7.5 on 25 track
2 - Metal end clamps	width 8 on 25 and 35 track
3 - End barrier, thickness 1.5, grey	

4 - Insulated 12-pole jumper	
5 - Insulated jumper, 2 poles	
6 - Partition	
7 - Marking accessories	

★ See page 30.

▲ See pages 28 and 29.

Catalog Number	Sold in lots of	Unit weight oz. (g)
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1TEN3	10	.02 (0.6)
AB1TEN4	10	.02 (0.6)
AB1ALN412	10	.64 (18)
AB1CC42RO	10	.56 (16)
AB1CJ3	100	10.76 (305)
AB1R● or G● ▲		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks

Terminal Blocks — Spring Type Termination

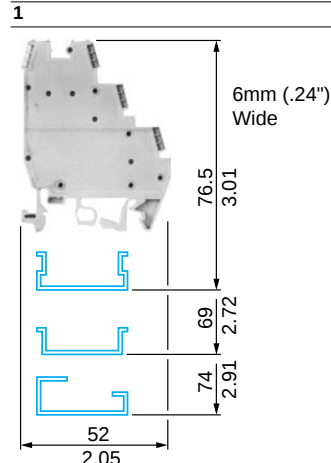
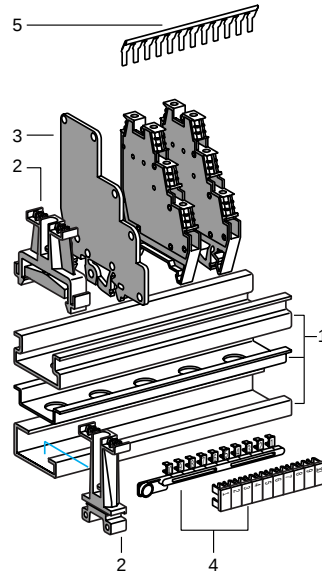
Color	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
				24 V LED (+)			24 V LED (-)		
Grey	AB1DDP235U	100	.35 (10)	AB1DDP235ULP	100	.35 (10)	AB1DDP235ULM	100	.35 (10)

Screw clamp connection

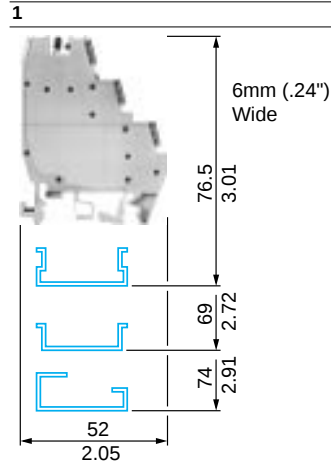
Screw clamp connection

– (blue)

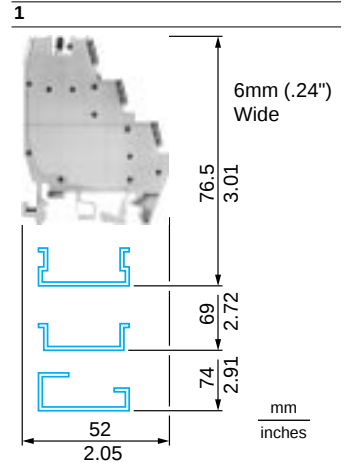
+ (red)



Wire strip length	0.35" (9mm)
Solid or stranded copper wire	
22-12 AWG wire	
Stranded wire	
without cable end	0.5 to 2.5 mm ²
with cable end	0.5 to 1.5 mm ²
Solid wire	0.5 to 4 mm ²
UL	300V 25A
CSA	300V 25A
VDE group C	~ 25V, = 300V, 26A
Tightening torque:	3.5-5.3 lb-in (0.4-0.6 N·m)
File E164359 CCN XCFR2	
File LR89150 Class 6228 01	
SEV, NEMKO, FI, CSA	



Wire strip length	0.35" (9mm)
Solid or stranded copper wire	
22-12 AWG wire	
Stranded wire	
without cable end	0.5 to 2.5 mm ²
with cable end	0.5 to 1.5 mm ²
Solid wire	0.5 to 4 mm ²
UL	300V 25A
CSA	300V 25A
VDE group C	~ 25V, = 300V, 26A
Tightening torque:	3.5-5.3 lb-in (0.4-0.6 N·m)
File E164359 CCN XCFR2	
File LR89150 Class 6228 01	
SEV, NEMKO, FI, CSA	



Wire strip length	0.35" (9mm)
Solid or stranded copper wire	
22-12 AWG wire	
Stranded wire	
without cable end	0.5 to 2.5 mm ²
with cable end	0.5 to 1.5 mm ²
Solid wire	0.5 to 4 mm ²
UL	300V 25A
CSA	300V 25A
VDE group C	~ 25V, = 300V, 26A
Tightening torque:	3.5-5.3 lb-in (0.4-0.6 N·m)
File E164359 CCN XCFR2	
File LR89150 Class 6228 01	
SEV, NEMKO, FI, CSA	

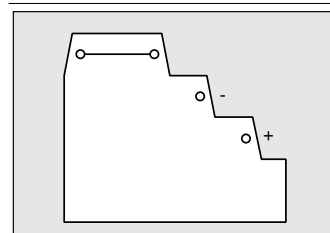
Accessories

Dimensions in mm

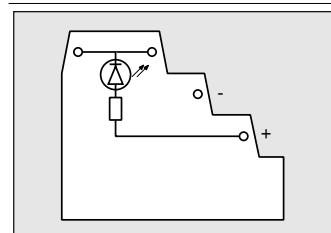
1 - 2.5 track ★	
1 - 3 track ★	
1 - 4 track ★	
2 - Plastic end clamps	width 7.5 on 2.5 or 3 track
2 - Metal end clamps	width 10 on 2.5 or 3 track
3 - Partition, thickness 2, grey *	
4 - Marking accessories	
5 - Jumpers	color red
12 poles	color blue
5 - Jumpers	color red
100 poles	color blue

Note: for schemes and recommended connections see page 31.

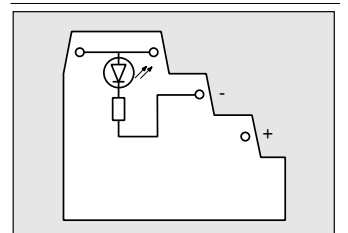
Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED★	★	
AM1D★★	★	
DZ5MB★	★	
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1ACD2		.18 (5.0)
AB1R★ or G★	◆	
AB1ALD12R	10	.18 (5.0)
AB1ALD12B	10	.18 (5.0)
AB1ALD100R	10	6.0 (170)
AB1ALD100B	10	6.0 (170)



Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED★	★	
AM1D★★	★	
DZ5MB★	★	
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1ACD2		.18 (5.0)
AB1R★ or G★	◆	
AB1ALD12R	10	.18 (5.0)
AB1ALD12B	10	.18 (5.0)
AB1ALD100R	10	6.0 (170)
AB1ALD100B	10	6.0 (170)



Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED★	★	
AM1D★★	★	
DZ5MB★	★	
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1ACD2		.18 (5.0)
AB1R★ or G★	◆	
AB1ALD12R	10	.18 (5.0)
AB1ALD12B	10	.18 (5.0)
AB1ALD100R	10	6.0 (170)
AB1ALD100B	10	6.0 (170)



★ See page 30.

◆ Clip-on 2.5 or 3 track.

◆ See pages 28 and 29.



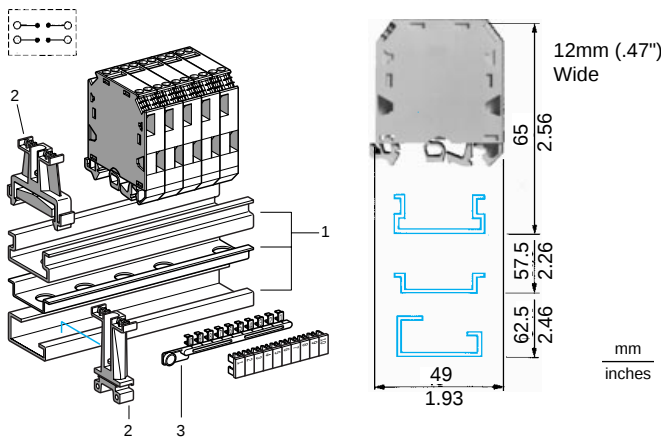
IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Three-Tier Blocks

Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
–			24 V LED (+)			24 V LED (–)			–		
AB1DDP235T (with ground)	100	.53 (15)	AB1DDP235TLP (with ground)	100	.53 (15)	AB1DDP235TLM (with ground)	100	.53 (15)	AB1ET3235U	100	.56 (16)
						(ground & 24V+ LED)			AB1ET3235UTLP	100	.56 (16)
						(ground & 24V– LED)			AB1ET3235UTLM	100	.56 (16)
						(ground)			AB1ET3235UT	100	
1			1			1			3		
Wire strip length 0.35" (9mm)			Wire strip length 0.35" (9mm)			Wire strip length 0.35" (9mm)			Wire strip length 0.28" (7mm)		
Solid or stranded copper wire			Solid or stranded copper wire			Solid or stranded copper wire			Solid or stranded copper wire		
22-12 AWG wire			22-12 AWG wire			22-12 AWG wire			22-12 AWG wire		
Stranded wire			Stranded wire			Stranded wire			Stranded wire		
without cable end 0.5 to 2.5 mm ²			without cable end 0.5 to 2.5 mm ²			without cable end 0.5 to 2.5 mm ²			without cable end 0.5 to 2.5 mm ²		
with cable end 0.5 to 1.5 mm ²			with cable end 0.5 to 1.5 mm ²			with cable end 0.5 to 1.5 mm ²			with cable end 0.5 to 1.5 mm ²		
Solid wire 0.5 to 4 mm ²			Solid wire 0.5 to 4 mm ²			Solid wire 0.5 to 4 mm ²			Solid wire 0.5 to 4 mm ²		
UL 300V 25A			UL 300V 25A			UL 300V 25A			UL 300V 25A		
CSA 300V 25A			CSA 300V 25A			CSA 300V 25A			CSA 300V 25A		
VDE group C ~ 25V, = 300V, 26A			VDE group C ~ 25V, = 300V, 26A			VDE group C ~ 25V, = 300V, 26A			VDE group C ~ 25V, = 300V, 26A		
Tightening torque: 3.5-5.3 lb-in (0.4-0.6 N·m)			Tightening torque: 3.5-5.3 lb-in (0.4-0.6 N·m)			Tightening torque: 3.5-5.3 lb-in (0.4-0.6 N·m)			Tightening torque: 3.5-5.3 lb-in (0.4-0.6 N·m)		
File E164359 CCN XCFR2			File E164359 CCN XCFR2			File E164359 CCN XCFR2			File E164359 CCN XCFR2		
File LR89150 Class 6228 01			File LR89150 Class 6228 01			File LR89150 Class 6228 01			File LR89150 Class 6228 01		
SEV, NEMKO, FI			SEV, NEMKO, FI			SEV, NEMKO, FI			SEV, NEMKO, FI		
Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED•	★		AM1ED•	★		AM1ED•	★		AM1ED•	★	
AM1D••	★		AM1D••	★		AM1D••	★		AM1D••	★	
									DZ5MB•	★▼	
AB1AB8P35	100	.21 (5.9)	AB1AB8P35	100	.21 (5.9)	AB1AB8P35	100	.21 (5.9)	AB1AB7P32	▼	100 .15 (4.2)
AB1AB8M35	100	.25 (7.0)	AB1AB8M35	100	.25 (7.0)	AB1AB8M35	100	.25 (7.0)	AB1AB8P35		100 .21 (5.9)
AB1ACD2	✱		AB1ACD2	✱		AB1ACD2	✱		AB1AB10M32	▼	100 .23 (6.5)
AB1R• or G•	◆		AB1R• or G•	◆		AB1R• or G•	◆		AB1AB8M35		100 .25 (7.0)
AB1ALD12R	10	.18 (5.0)	AB1ALD12R	10	.18 (5.0)	AB1ALD12R	10	.18 (5.0)	AB1ACD2	✱	
AB1ALD12B	10	.18 (5.0)	AB1ALD12B	10	.18 (5.0)	AB1ALD12B	10	.18 (5.0)	AB1R• or G•	◆	
AB1ALD100R	10	6.0 (170)	AB1ALD100R	10	6.0 (170)	AB1ALD100R	10	6.0 (170)	AB1ALD12R	10	.18 (5.0)
AB1ALD100B	10	6.0 (170)	AB1ALD100B	10	6.0 (170)	AB1ALD100B	10	6.0 (170)	AB1ALD12B	10	.18 (5.0)
★ See page 30.			✱ Clip-on 2.5 or 1.5 rail.			◆ See pages 28 and 29.			✱ See Scheme A or B for ref. with LED.		
▲ According to reference.			▼ With AB1ET3235U only.								



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Fuse Holders and Diode Blocks

Terminal blocks for diodes (diodes not included)



Color	Catalog Number	Sold in lots of	Weight oz. (g)
Grey	AB1D11435U	50	.98 (25)

Wire strip length	0.35" (9mm)
Solid or stranded copper wire	
22-10 AWG wire	
Stranded wire	
without cable end	0.5 to 4 mm ²
with cable end	0.5 to 2.5 mm ²
Solid wire	0.5 to 6 mm ²
CSA	600V
UTE category C: ~ 125V, = 125V	
VDE group C: ~ 750V, = 900V	
Tightening torque:	4.4-6.2 lb-in (0.5-0.7 N·m)
® File LR89150 Class 6228 01	
CE	

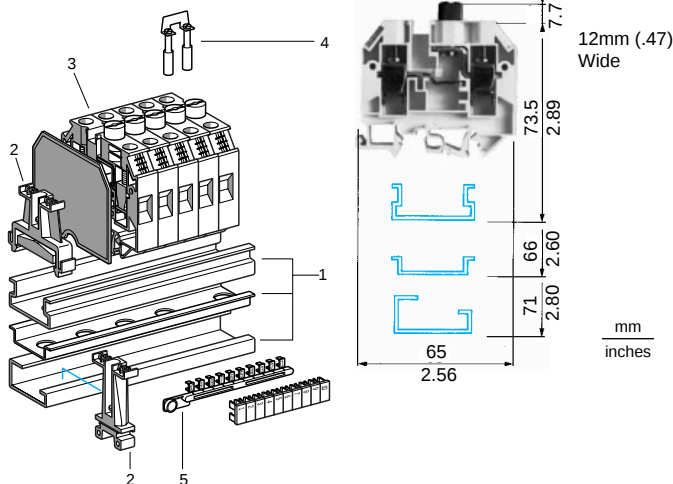
Accessories

Dimensions in mm	Catalog Number	Sold in lots of	Weight oz. (g)
1 - 25 track ★	AM1ED•	★	
1 - 10 track ★	AM1D••	★	
1 - 13 track ★	DZ5MB•	★	
2 - Plastic end clamps	AB1AB7P32	100	.15 (4.2)
width 7.5 on 13	AB1AB8P35	100	.21 (5.9)
width 8 on 25 or 10	AB1AB10M32	100	.23 (6.5)
2 - Metal end clamps	AB1AB8M35	100	.25 (7.0)
width 10 on 13	AB1R• or G•	◆	
width 8 on 25 or 10			
3 - Marking accessories			

Terminal blocks for cylindrical fuse (fuse not included)

- (A) 28V LED indicator (yellow)
(B) 250V LED indicator (yellow)
(C) 110-500V neon indicator (red)

Blown fuse indicator , grey
for 5 x 20 mm cylindrical fuse
for 5 x 25 mm cylindrical fuse
for 5 x 30 mm cylindrical fuse
for 6.3 x 32 mm cylindrical fuse



Catalog Number without indicator	Catalog Number with indicator	Catalog Number with indicator	Sold in lots of	Weight oz. (g)
AB1FU10135U	AB1FU10135UB (A)	AB1FU10135UU (B)	50	1.38 (39)
AB1FU10235U			50	1.38 (39)
AB1FU10335U			50	1.38 (39)
AB1FU10435U	AB1FU10435UB (A)	AB1FU10435UFS (C)	50	1.38 (39)

Wire strip length	0.35" (9mm)
Solid or stranded copper wire	
22-6 AWG wire	
Stranded wire	
without cable end	10 to 16 mm ²
with cable end	1 to 10 mm ²
Solid wire	1 to 16 mm ²
UL	600V 15A
CSA	600V 15A
UTE category C: ~ 125V, = 125V	
VDE group C: ~ 750V, = 900V	
Tightening torque:	22.0-26.4 lb-in (2.5-3.0 N·m)
® File E164359 CCN XCFR2 (for AB1FU10435 blocks)	
® File LR89150 Class 6228 01	
CE	
DNV, FI, DEMKO, NEMKO, SEMKO, LR, SEV	

Accessories

Dimensions in mm	Catalog Number	Sold in lots of	Weight oz. (g)
1 - 25 track ★	AM1ED•	★	
1 - 10 track ★	AM1D••	★	
1 - 13 track ★	DZ5MB•	★	
2 - Plastic end clamps	AB1AB7P32	100	.15 (4.2)
width 7.5 on 13	AB1AB8P35	100	.21 (5.9)
width 8 on 25 or 10	AB1AB10M32	100	.23 (6.5)
2 - Metal end clamps	AB1AB8M35	100	.25 (7.0)
width 10 on 13	AB1TF	50	.17 (4.7)
width 8 on 25 or 10	AB1BF	10	.44 (12.5)
3 - End barrier, thickness 1.5, grey	AB1BF2	50	.17 (4.7)
4 - Jumpers with length 600 mm			
screws for 2 poles			
5 - Marking accessories	AB1R• or G•	◆	
★ See page 30.	◆ See pages 28 and 29.		

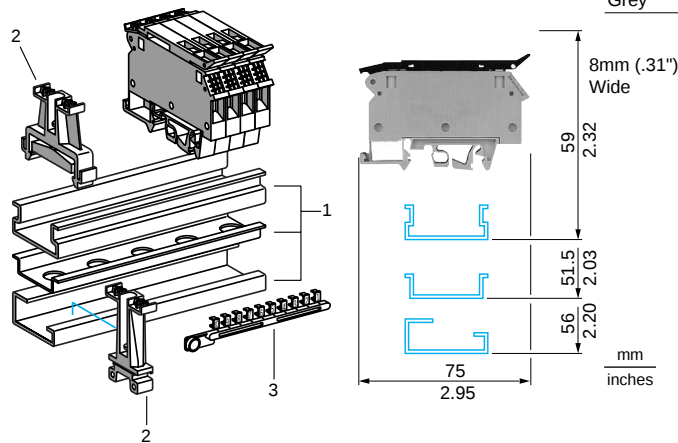
Characteristics:

Residual current < 0.8 mA (110 to 500V)
Residual current < 24mA (28V)



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Fuse Blocks

Fused disconnect terminal blocks (5 x 20 or 5 x 25 mm fuse) (fuse not included)



Color	
Grey	Standard
Grey	with LED 5-12V (2.3 to 7 mA)
Grey	with LED 12-24V (2.8 to 6.2 mA)
Grey	with Neon 110-250V (0.13 to 0.55 mA)

Catalog Number	Sold in lots of	Weight oz. (g)
AB1FUSE435U5X	50	.56 (16)
AB1FUSE435U5XJ	50	.56 (16)
AB1FUSE435U5XB	50	.56 (16)
AB1FUSE435U5XM	50	.56 (16)
Wire strip length 0.31\" (8mm)		
Solid or stranded copper wire		
22-10 AWG wire		
Stranded wire		
without cable end 0.5 to 4 mm ²		
with cable end 0.5 to 2.5 mm ²		
Solid wire 0.5 to 6 mm ²		
UL	600V	15A
CSA	600V	6.3A
UTE category C: ~ 500V		
VDE group C: ~ 750V, --- 900V, 6.3A		
Tightening torque:		
4.4-6.2 lb-in (0.5-0.7 N·m)		
File E164359 CCN XCFR2		
File LR89150 Class 6228 01		
SEV, NEMKO, FI		

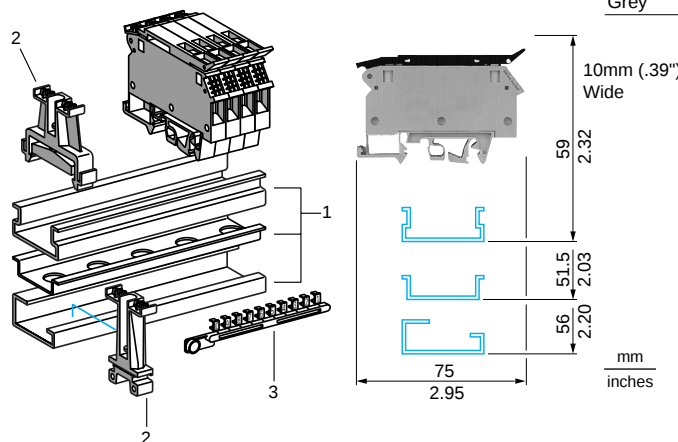
Accessories

Dimensions in mm

1 - 2.5 track ★	
1 - 3 track ★	
1 - 4 track ★	
2 - Plastic end clamps	width 7.5 on 2.5
	width 8 on 3 or 4
2 - Metal end clamps	width 10 on 2.5
	width 8 on 3 or 4
3 - Marking accessories	

Catalog Number	Sold in lots of	Weight oz. (g)
AM1ED•	★	
AM1D••	★	
DZ5MB•	★	
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1R• or G•	◆	

Fused disconnect terminal blocks 1/4 x 1-1/4\" (6.3 x 32 mm) fuse (fuse not included)



Color	
Grey	Standard
Grey	with LED 5-12V (2.3 to 7 mA)
Grey	with LED 12-24V (2.8 to 6.2 mA)
Grey	with Neon 110-250V (0.13 to 0.55 mA)

Catalog Number	Sold in lots of	Weight oz. (g)
AB1FUSE435U6X	50	.88 (25)
AB1FUSE435U6XJ	50	.88 (25)
AB1FUSE435U6XB	50	.88 (25)
AB1FUSE435U6XM	50	.88 (25)
Wire strip length 0.31\" (8mm)		
Solid or stranded copper wire		
22-10 AWG wire		
Stranded wire		
without cable end 0.5 to 4 mm ²		
with cable end 0.5 to 2.5 mm ²		
Solid wire 0.5 to 6 mm ²		
UL	600V	15A
CSA	600V	10A
UTE category C: ~ 500V		
VDE group C: ~ 750V, --- 900V, 10A		
Tightening torque:		
4.4-6.2 lb-in (0.5-0.7 N·m)		
File E164359 CCN XCFR2		
File LR89150 Class 6228 01		
SEV, NEMKO, FI		

Accessories

Dimensions in mm

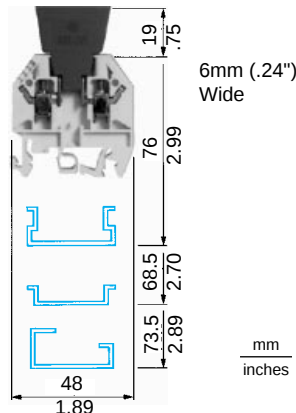
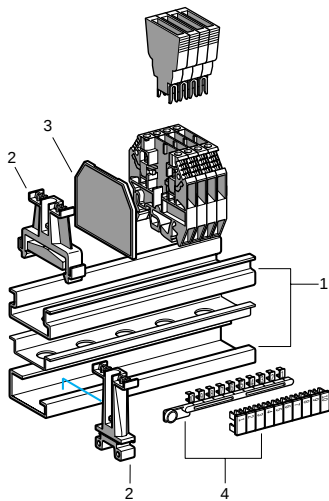
1 - 2.5 track ★	
1 - 3 track ★	
1 - 4 track ★	
2 - Plastic end clamps	width 7.5 on 2.5
	width 8 on 3 or 4
2 - Metal end clamps	width 10 on 2.5
	width 8 on 3 or 4
3 - Marking accessories	
★ See page 30.	

Catalog Number	Sold in lots of	Weight oz. (g)
AM1ED•	★	
AM1D••	★	
DZ5MB•	★	
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1R• or G•	◆	
◆ See pages 28 and 29.		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Diode/Fuseholder Blocks

Terminal blocks with
removable carrier
- for diode or resistor (not included)
- with diode 1N4007.1



	Color	Catalog Number	Sold in lots of	Weight oz. (g)
Terminal block	Grey	AB1SF435U	100	.32 (9.0)
Diode holder	Grey	AB1SV1	100	.16 (4.5)
With diode 1N4007.1	Grey	AB1SV2	100	.16 (4.5)

Wire strip length 0.35" (9mm)

Solid or stranded copper wire
22-10 AWG wire
Stranded wire
without cable end 0.5 to 4 mm²
with cable end 0.5 to 2.5 mm²
Solid wire 0.5 to 6 mm²

UTE category C: ~ 500V, = 500V
VDE group C: ~ 750V, = 900V, 10A

Tightening torque:
4.4-6.2 lb-in (0.5-0.7 N•m)

CE

SEV, NEMKO, FI

Accessories

Dimensions in mm

1 - 25 track ★	
1 - 12 track ★	
1 - 6 track ★	
2 - Plastic end clamps	width 7.5 on 6
	width 8 on 12 or 25
2 - Metal end clamps	width 10 on 6
	width 8 on 12 or 25
3 - End barrier, thickness 1.5, grey	
4 - Marking accessories	

Catalog Number	Sold in lots of	Weight oz. (g)
AM1ED•	★	
AM1D••	★	
DZ5MB•	★	
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1PS4	50	.05 (1.5)
AB1R• or G•	◆	

Terminal blocks with
removable carrier for 5 x 20 mm fuse
(fuse not included)

With or without red LED indicator

	Color
Terminal block	Grey
Removable fuse carrier for 5 x 20 mm fuse	Grey

Catalog Number

	With 24V LED	With 220V LED	Sold in lots of	Weight oz. (g)
AB1SF435U	—	—	100	.35 (9.8)
AB1SF520	AB1SF520B	AB1SF520M	100	.16 (4.5)

Wire strip length 0.35" (9mm)

Solid or stranded copper wire
22-10 AWG wire
Stranded wire
without cable end 0.5 to 4 mm²
with cable end 0.5 to 2.5 mm²
Solid wire 0.5 to 6 mm²

UL 300V 10A
CSA 250V 6.3A

UTE category C: ~ 500V, = 500V
VDE group C: ~ 750V, = 900V, 10A

Tightening torque:
4.4-6.2 lb-in (0.5-0.7 N•m)

File E164359 CCN XCFR2

File LR89150 Class 6228 01

CE

SEV, NEMKO, FI

Accessories

Dimensions in mm

1 - 25 track ★	
1 - 12 track ★	
1 - 6 track ★	
2 - Plastic end clamps	width 7.5 on 6
	width 8 on 12 or 25
2 - Metal end clamps	width 10 on 6
	width 8 on 12 or 25
3 - End barrier, thickness 1.5, grey	
4 - Marking accessories	

★ See page 30.

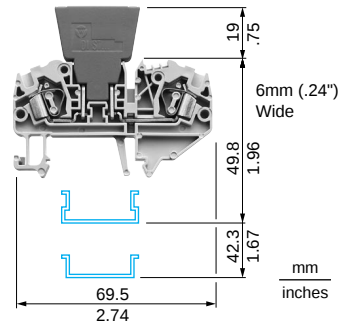
Catalog Number	Sold in lots of	Weight oz. (g)
AM1ED•	★	
AM1D••	★	
DZ5MB•	★	
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1AB10M32	100	.23 (6.5)
AB1AB8M35	100	.25 (7.0)
AB1PS4	50	.05 (1.5)
AB1R• or G•	◆	

◆ See pages 28 and 29.



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Diode or Fuseholder with Spring-Type Termination

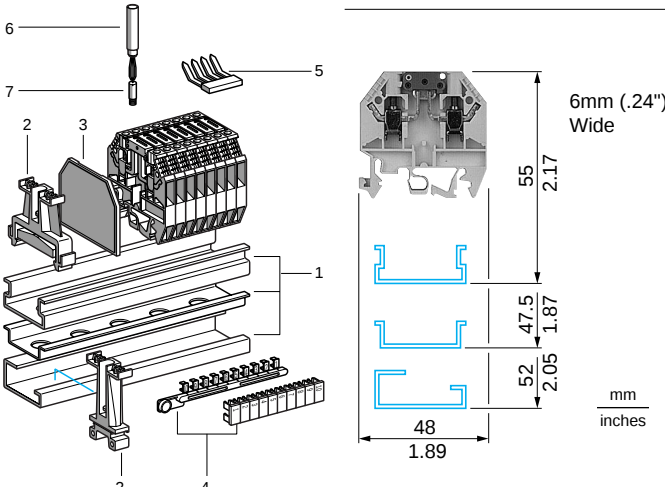
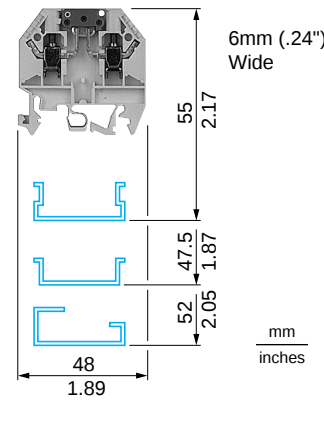
Color	Description	Catalog Number	Sold in lots of	Weight oz. (g)
Grey RAL 7032 V0	Fixed mounting block	AB1RRSF435U	100	.35 (9.8)
Grey RAL 7023	Fuse holder 5 x 20 (fuse not included)	AB1SF520	100	.16 (4.5)
	Fuse holder 5 x 20 and 24V LED	AB1SF520B	100	.16 (4.5)
	Fuse holder 5 x 20 and & 220V LED	AB1SF520M	100	.16 (4.5)
	Holder for diode (diode not included)	AB1SV1	100	.16 (4.5)
	Holder with 1N4007.1 diode	AB1SV2	100	.16 (4.5)



Characteristics		Wire strip length	0.35" (9mm)
Fuse plug	Nominal voltage 250V Nominal current 6.3A and 4A Power loss 1.5W	Solid or stranded copper wire 22-10 AWG wire Stranded wire without cable end with cable end	0.5 to 4 mm ² 0.5 to 2.5 mm ²
With "fuse blown" indicator	10mA @ 24V 0.3mA @ 220V	Solid wire CSA	0.5 to 6 mm ² 250V 6.3A
		UTE category C: ~ 500V, ~ 500V VDE group C: ~ 750V, ~ 900V, 10A	
		Tightening torque: 4.4-6.2 lb-in (0.5-0.7 N·m)	
		® File LR89150 Class 6228 01	
		CE	

Accessories		Catalog Number	Sold in lots of	Weight oz. (g)
Dimensions in mm				
1 - 2.5 track ★		AM1ED•	★	
1 - 3 track ★		AM1D••	★	
1 - 5 track ★		DZ5MB•	★	
2 - Plastic end clamp		AB1AB8P35	100	.21 (5.9)
2 - Metal end clamp		AB1AB8M35	100	.25 (7.0)
3 - End barrier, thickness 1.5		AB1RRPS4	50	.11 (3.2)
4 - Jumpers	2 poles	AB1RRAL42	10	.06 (1.6)
	3 poles	AB1RRAL43	10	.08 (2.4)
	4 poles	AB1RRAL44	10	.11 (3.2)
	5 poles	AB1RRAL45	10	.14 (4.0)
	10 poles	AB1RRAL410	10	.28 (8.0)
5 - Wire guide	0.13 to 0.2 mm ²	AB1RRGF01	100	.02 (0.6)
	0.25 to 0.5 mm ²	AB1RRGF02	100	.02 (0.6)
	0.75 to 1 mm ²	AB1RRGF03	100	.02 (0.6)
"Danger" live terminals cover		AB1RRCSD41		.01 (.25)
7 - Quick acting fuse, 250V, 0.5 A		ABE7FU0500	10	.01 (.01)
UL, 5 x 20 mm	1 A	ABE7FU100	10	.01 (.01)
	2 A	ABE7FU200	10	.01 (.01)
	6.3 A	ABE7FU630	10	.01 (.01)
8 - Printed terminal marker strips		AB1B6•••	◆	
9 - Marking accessories		AB1R• or G•	◆	
10 - Blank legend plate		AB1SA•	◆	
★ See page 30.		◆ See pages 28 and 29.		

IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks
Circuit Isolation Block

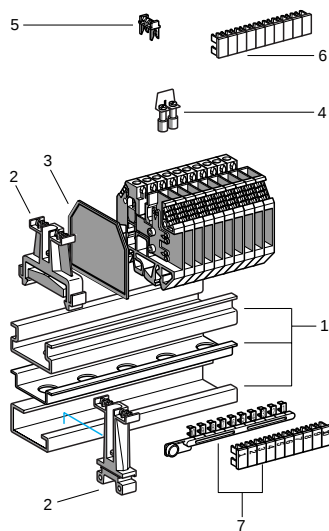
Circuit isolation block (short blade)	Color	Catalog Number	Sold in lots of	Weight oz. (g)
	Grey	Circuit Isolation block	AB1SC435U	100 .42 (12)
		With two test sockets	AB1SC435U2PT	100 .42 (12)
	Wire strip length	0.35" (9mm)		
	Solid or stranded copper wire			
	22-10 AWG wire			
	Stranded wire			
	without cable end	0.5 to 4 mm ²		
	with cable end	0.5 to 2.5 mm ²		
	Solid wire	0.5 to 6 mm ²		
	UL	600V	20A	
	CSA	600V	20A	
	UTE category C: ~ 500V			
	VDE group C: ~ 750V, ~ 900V, 20A			
	Tightening torque: 4.4-6.2 lb-in (0.5-0.7 N•m)			
	File E164359 CCN XCFR2			
	File LR89150 Class 6228 01			
	CE			

Accessories		Catalog Number	Sold in lots of	Weight oz. (g)
Dimensions in mm		AM1ED•	★	
1 - 2.5 track ★		AM1D••	★	
1 - 3 track ★		DZ5MB•	★	
2 - Plastic end clamps	width 7.5 on 5	AB1AB7P32	100	.15 (4.2)
	width 8 on 2.5 or 3	AB1AB8P35	100	.21 (5.9)
2 - Metal end clamps	width 10 on 5	AB1AB10M32	100	.23 (6.5)
	width 8 on 2.5 or 3	AB1AB8M35	100	.25 (7.0)
3 - End barrier, thickness 1.5, grey		AB1PS4	50	.05 (1.5)
4 - Marking accessories		AB1R• or G•	◆	
5 - Jumpers	2 poles	AB1CC42SC	100	.03 (0.9)
	3 poles	AB1CC43SC	100	.05 (1.4)
	4 poles	AB1CC44SC	100	.07 (1.9)
	10 poles	AB1CC410SC	100	.17 (4.8)
6 - Test plug, Ø 3		AB1AT1	50	.06 (1.7)
7 - Test plug socket		AB1A4	50	.02 (0.5)
★ See page 30.		◆ See pages 28 and 29.		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Box Lug / Slip-on Termination

Screw slip-on terminal blocks



Color

Grey

Description

- Top and side access
- Top access
- Slip-on termination on both sides

Catalog Number

Catalog Number	Sold in lots of	Weight oz. (g)
AB1FV135U	100	.41 (11.5)
AB1FC335U	100	.41 (11.5)
AB1FF235U	100	.41 (11.5)

Wire strip length 0.35" (9mm)

Solid or stranded copper wire

22-14 AWG wire

Stranded wire

without cable end 0.5 to 4 mm²

with cable end 0.5 to 2.5 mm²

Solid wire 0.5 to 6 mm²

Slip-on connectors

3 connectors 6.3 x 0.8 mm

6 connectors 2.8 x 0.8 mm

UL 300V 10A

CSA 300V 10A

UTE category C: ~ 400V, ~ 250V,

VDE group C: ~ 750V, ~ 900V, 20A

Tightening torque:

4.4-6.2 lb-in (0.5-0.7 N·m)

File E164359 CCN XCFR2

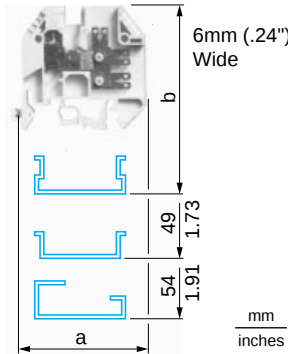
File LR89150 Class 6228 01

CE

NEMKO, SEV

Dimensions

	a	b
AB1FV	48 (1.89)	58.5 (2.30)
AB1FC	68 (2.40)	66.5 (2.35)



Accessories

Dimensions in mm

- 1 - 25 track ★
- 1 - 15 track ★
- 1 - 10 track ★
- 2 - Plastic end clamps width 7.5 on 10 width 8 on 15 or 25
- 3 - End barrier, for AB1FV thickness 1.5, grey for AB1FC
- 4 - Jumper with non insulated screws (length according to type) insulated (for 2 poles)
- 5 - Protective cover for single jumper
- 6 - Protective cover for 10-pole jumper
- 7 - Marking accessories

★ See page 30.

Catalog Number

Catalog Number	Sold in lots of	Weight oz. (g)
AM1ED•	★	
AM1D••	★	
DZ5MB•	★	
AB1AB7P32	100	.15 (4.2)
AB1AB8P35	100	.21 (5.9)
AB1TC01	50	.09 (2.5)
AB1TC3	50	.09 (2.6)
AB1AL4	10	5.11 (145)
AB1ALN42	10	.06 (1.7)
AB1CA2	100	.01 (0.1)
AB1CA410ET	50	.04 (1)
AB1R• or G•	◆	

◆ See pages 28 and 29.



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks

Lug-Lug Type Blocks

Color	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
Grey	AB1BB9535	10	5.96 (169)	AB1BB18535	10	8.82 (250)	AB1BB24035	10	9.35 (265)

32mm (1.26") Wide

42mm (1.65") Wide

42mm (1.65") Wide

Wire strip length	1.06" (27mm)
M10 bolt	
Solid or stranded copper wire	
6-3/0 AWG wire	
Stranded wire	up to 95 mm ²
Solid wire	up to 95 mm ²
Bar	5 x 18 mm
UL	600V 200A
CSA	600V 200A
UTE, category C: ~ 500V, = 500V	
VDE group C: ~ 1000V, = 1200V, 250A	
Tightening torque: 250 lb-in (28.2 N•m)	
File E164359 CCN XCFR2	
File LR89150 Class 6228 01	
CE	
NEMKO (500V), DNV, USSR, GL, KEMA, SEV, LR	

Wire strip length	1.06" (27mm)
M12 bolt	
Solid or stranded copper wire	
1/0-400 kcmil wire	
Stranded wire	up to 185 mm ²
Solid wire	up to 185 mm ²
Bar	6 x 26 mm
UL	600V 325A
CSA	600V 375A
UTE, category C: ~ 500V, = 500V	
VDE group C: ~ 1000V, = 1200V, 382A	
Tightening torque: 325 lb-in (36.7 N•m)	
File E164359 CCN XCFR2	
File LR89150 Class 6228 01	
CE	
NEMKO, DNV, USSR, KEMA, LR	

Wire strip length	1.06" (27mm)
M12 bolt	
Solid or stranded copper wire	
1/0-500 kcmil wire	
Stranded wire	up to 240 mm ²
Solid wire	up to 240 mm ²
Bar	8 x 26 mm
UL	600V 375A
CSA	600V 425A
UTE, category C: ~ 500V, = 500V	
VDE group C: ~ 1000V, = 1200V, 453A	
Tightening torque: 375 lb-in (42.3 N•m)	
File E164359 CCN XCFR2	
File LR89150 Class 6228 01	
CE	
NEMKO, DNV, USSR, KEMA, SEV, LR	

Accessories

Dimensions in mm

1 - 25 track ★
1 - 35 track ★
2 - Plastic end clamps, width 8 on 25 or 35
2 - Metal end clamps, width 8 on 25 or 35
3 - Partition, grey *
5 - Protective cover ▼
4 - Marking accessories
★ See page 30.

Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED•	★		AM1ED•	★		AM1ED•	★	
AM1D••	★		AM1D••	★		AM1D••	★	
AB1AB8P35	100	.21 (5.9)	AB1AB8P35	100	.21 (5.9)	AB1AB8P35	100	.21 (5.9)
AB1AB8M35	100	.25 (7.0)	AB1AB8M35	100	.25 (7.0)	AB1AB8M35	100	.25 (7.0)
AB1CT1	50	1.20 (34)	AB1CT2	50	1.31 (37)	AB1CT2	50	1.31 (37)
AB1CP1	10	1.94 (55)	AB1CP2	10	3.18 (90)	AB1CP2	10	3.18 (90)
AB1R• or G•	◆		AB1R• or G•	◆		AB1R• or G•	◆	
◆ See pages 28 and 29.			* AB1CT1: 70 x 180 x 4.5 mm AB1CT2: 70 x 200 x 4.5 mm			▼ AB1CP1: 69 x 174 x 32 mm AB1CP2: 93 x 194 x 42 mm		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Lug-Clamp Type Blocks

Color	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
Grey	AB1BC9535	10	8.33 (236)	AB1BC15305	10	9.77 (277)	AB1BC24035	10	10.12 (287)

Technical drawing of the AB1BC9535 terminal block. Dimensions: 79 mm (3.11 inches) height, 86.5 mm (3.41 inches) with cover, 92 mm (3.62 inches) width, 71.5 mm (2.81 inches) mounting hole offset.

Technical drawing of the AB1BC15305 terminal block. Dimensions: 83 mm (3.27 inches) height, 110.5 mm (4.35 inches) with cover, 92 mm (3.62 inches) width, 75.5 mm (2.97 inches) mounting hole offset.

Technical drawing of the AB1BC24035 terminal block. Dimensions: 100 mm (3.94 inches) height, 110.5 mm (4.35 inches) with cover, 102 mm (4.02 inches) width, 92.5 mm (3.64 inches) mounting hole offset.

Wire strip length	1.06" (27mm)
M10 bolt	
Solid or stranded copper wire	
6-3/0 AWG wire	
Stranded wire	16 to 95 mm ²
Solid wire	16 to 95 mm ²
Bar	5 x 18 mm
UL	600V 200A
CSA	600V 200A
UTE, category C: ~ 500V, = 500V	
VDE group C: ~ 1000V, = 1200V, 250A	
Tightening torque: 250 lb-in (28.2 N·m)	
File E164359 CCN XCFR2	
File LR89150 Class 6228 01	
CE	
NEMKO, DNV, USSR, KEMA, LR, SEV, GL	

Wire strip length	1.06" (27mm)
M12 bolt	
Solid or stranded copper wire	
1/0-300 kcmil wire	
Stranded wire	25 to 185 mm ²
Solid wire	25 to 185 mm ²
Bar	6 x 26 mm
UL	600V 275A
CSA	600V 375A
UTE, category C: ~ 500V, = 500V	
VDE group C: ~ 1000V, = 1200V, 382A	
Tightening torque: 250 lb-in (28.2 N·m)	
File E164359 CCN XCFR2	
File LR89150 Class 6228 01	
CE	
NEMKO, DNV, USSR, KEMA, LR, SEV	

Wire strip length	1.06" (27mm)
M12 bolt	
Solid or stranded copper wire	
1/0-500 kcmil wire	
Stranded wire	35 to 240 mm ²
Solid wire	35 to 240 mm ²
Bar	8 x 26 mm
UL	600V 375A
CSA	600V 425A
UTE, category C: ~ 500V, = 500V	
VDE group C: ~ 1000V, = 1200V, 453A	
Tightening torque: 375 lb-in (42.3 N·m)	
File E164359 CCN XCFR2	
File LR89150 Class 6228 01	
CE	
NEMKO, DNV, USSR, KEMA, LR, SEV	

Dimensions in mm

- 1 - 2.5 track ★
- 1 - 1.5 track ★
- 2 - Plastic end clamps, width 8 on 2.5 or 1.5 track
- 2 - Metal end clamps, width 8 on 2.5 or 1.5 track
- 3 - Partition, grey *
- 5 - Protective cover ▼
- 4 - Marking accessories

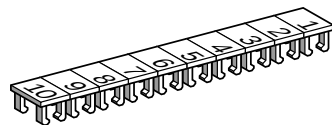
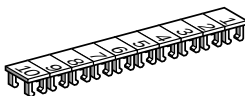
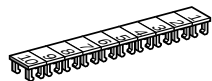
★ See page 30.

Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)	Catalog Number	Sold in lots of	Unit weight oz. (g)
AM1ED•	★		AM1ED•	★		AM1ED•	★	
AM1D••	★		AM1D••	★		AM1D••	★	
AB1AB8P35	100	.21 (5.9)	AB1AB8P35	100	.21 (5.9)	AB1AB8P35	100	.21 (5.9)
AB1AB8M35	100	.25 (7.0)	AB1AB8M35	100	.25 (7.0)	AB1AB8M35	100	.25 (7.0)
AB1CT1	50	1.20 (34)	AB1CT2	50	1.31 (37)	AB1CT2	50	1.31 (37)
AB1CP1	10	1.94 (55)	AB1CP2	10	3.17 (90)	AB1CP2	10	3.17 (90)
AB1R• or G•	◆		AB1R• or G•	◆		AB1R• or G•	◆	
◆ See pages 28 and 29.			※ AB1CT1: 70 x 180 x 4.5 mm AB1CT2: 70 x 200 x 4.5 mm			▼ AB1CP1: 69 x 174 x 32 mm AB1CP2: 93 x 194 x 42 mm		



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks
Marking Accessories

Characteristics	
Material:	Nylon 6-6
Color:	black numbers on white background



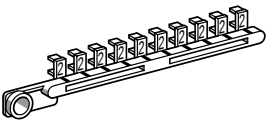
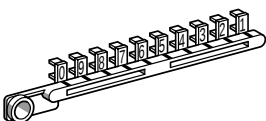
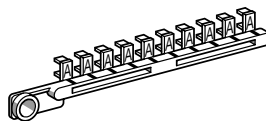
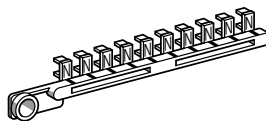
5 mm width		6 mm width		8 mm width	
Sold in lots of 25 identical strips Unit weight: 0.02 oz. (0.6 g)		Sold in lots of 25 identical strips Unit weight: 0.02 oz. (0.7 g)		Sold in lots of 25 identical strips Unit weight: 0.02 oz. (0.7 g)	
Marking	Catalog Number	Marking	Catalog Number	Marking	Catalog Number
Blank	AB1BV5	Blank	AB1BV6	Blank	AB1BV8
1...10	AB1B510	1...10	AB1B610	1...10	AB1B810
11...20	AB1B520	11...20	AB1B620	11...20	AB1B820
21...30	AB1B530	21...30	AB1B630	21...30	AB1B830
31...40	AB1B540	31...40	AB1B640	31...40	AB1B840
41...50	AB1B550	41...50	AB1B650	41...50	AB1B850
51...60	AB1B560	51...60	AB1B660	51...60	AB1B860
61...70	AB1B570	61...70	AB1B670	61...70	AB1B870
71...80	AB1B580	71...80	AB1B680	71...80	AB1B880
81...90	AB1B590	81...90	AB1B690	81...90	AB1B890
91...100	AB1B5100	91...100	AB1B6100	91...100	AB1B8100
		L1	AB1B6L1		
		L2	AB1B6L2		
		L3	AB1B6L3		
		+ Red	AB1BV6RP		
		– Blue	AB1BV6BM		

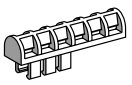
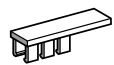
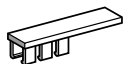
- For terminal blocks with 5.6 or 8 mm width:
The use of marker strips with the same width as the terminal block enables rapid marking in groups of 10.
 - For terminal blocks with 10 mm width and above:
5.6 or 8 mm width markers can also be used by detaching the marker required and clipping it into the terminal block.
- Note:* Each side of the terminal block can be marked with a marker (1 to 3 figures).

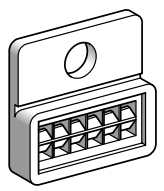
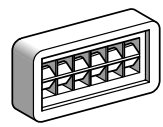
Other versions Marker strips with numbers 101 to 110, etc. up to 991 to 999 can be specially ordered.



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Marking Accessories

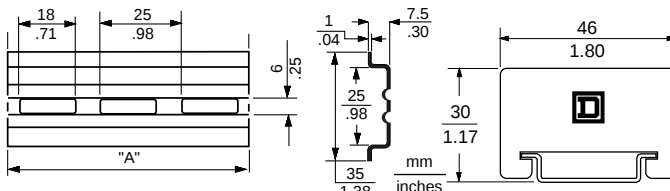
10 identical numbers (or symbols)		10 numbers 0 to 9:		10 identical capital letters		10 identical capital letters (cont'd)	
							
Sold in lots of 25 identical strips Unit weight: 0.07 oz. (2 g)		Sold in lots of 25 identical strips Unit weight: 0.07 oz. (2 g)		Sold in lots of 25 identical strips Unit weight: 0.07 oz. (2 g)		Sold in lots of 25 identical strips Unit weight: 0.07 oz. (2 g)	
Marking	Catalog Number	Marking	Catalog Number	Marking	Catalog Number	Marking	Catalog Number
Blank	AB1RV	0 to 9	AB1R11	A	AB1GA	N	AB1GN
1	AB1R1			B	AB1GB	O	AB1GO
2	AB1R2			C	AB1GC	P	AB1GP
3	AB1R3			D	AB1GD	Q	AB1GQ
4	AB1R4			E	AB1GE	R	AB1GR
5	AB1R5			F	AB1GF	S	AB1GS
6	AB1R6			G	AB1GG	T	AB1GT
7	AB1R7			H	AB1GH	U	AB1GU
8	AB1R8			I	AB1GI	V	AB1GV
9	AB1R9			J	AB1GJ	W	AB1GW
0	AB1R0			K	AB1GK	X	AB1GX
+	AB1R12			L	AB1GL	Y	AB1GY
–	AB1R13			M	AB1GM	Z	AB1GZ

Marking Components		Holder for 6 markers		Blank clip-on marker		Clip-on marker with ground symbol (⚡)	
			AB1SR6 Holds up to 6 AB1R or G markers		AB1SA1		AB1RT Black on a white background
					AB1SA2		
					AB1SA3		
Sold in lots of		200		Sold in lots of	500	Sold in lots of	500
Unit weight		0.02 oz (0.6 g)		Unit weight	0.01 oz (0.3 g) 0.01 oz (0.4 g)	Unit weight	0.03 oz (1 g)
				Size	AB1SA1 4.5 x 8.3 mm AB1SA2 4.5 x 14 mm AB1SA3 4.5 x 19 mm	Size	4.5 x 8.3 mm

Marker holder for screw mounting to any type of support		Adhesive marker holder, for mounting to any type of support	
			
AR1SB2		AR1SB3	
Sold in lots of		Sold in lots of	
Unit weight		Unit weight	
Size		Size	
100		50	
0.03 oz (1 g)		0.03 oz (1 g)	
20 x 20 mm		20 x 10 mm	



IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Mounting Track and End Clamps

Mounting Track			Catalog Number	Std. ● Pack	Mounting Track			Catalog Number	Std. ● Pack	Weight lb (kg)							
Description		Length	Class 9080 Type MH***		Description	Length											
Symmetrical rail 35 x 7.5mm (1.38 x .295") in compliance with EN50022 standard (DIN 46277-3)	Galvanized steel (no mounting holes)	0.08 m / 3"	9080MH203	10	DIN3 	15 mm depth, 1 mm steel, zinc chromated	2 m / 78.74"	AM1ED200	10	2.9 (1.31)							
		0.10 m / 4"	9080MH204														
		0.13m / 5"	9080MH205			15 mm depth, 1.5 mm steel, zinc chromated	2 m / 78.74"	AM1DE200	10	2.0 (.90)							
		0.15 m / 6"	9080MH206														
		0.18 m / 7"	9080MH207			7.5 mm depth, 1 mm steel, zinc chromated EN50022 & NF C63-015	2 m / 78.74"	AM1DP200	10	1.4 (.65)							
		0.20 m / 8"	9080MH208														
		0.23 m / 9"	9080MH209														
		0.25 m / 10"	9080MH210														
		0.28 m / 11"	9080MH211														
		0.30 m / 12"	9080MH212														
		0.33 m / 13"	9080MH213														
		0.36 m / 14"	9080MH214														
		0.38 m / 15"	9080MH215														
		0.41 m / 16"	9080MH216														
	0.43 m / 17"	9080MH217	10		Asymmetrical 32 mm track 1.5 mm steel, zinc chromated EN50035 & NF C63-018	2 m / 78.74"	DZ5MB201	10	3.3 (1.50)								
	0.46 m / 18"	9080MH218															
	0.50 m / 19.68"	9080MH220															
	1 m / 39.37"	9080MH239															
	2 m / 78.74"	9080MH279															
	Galvanized steel, prepunched	0.08 m / 3"								9080MH303	10		7.5 mm depth, 1 mm steel, zinc chromated EN50022 & NF C63-015	2 m / 78.74"	AM1DP200	10	1.4 (.65)
		0.10 m / 4"								9080MH304							
		0.13m / 5"								9080MH305							
		0.15 m / 6"								9080MH306							
		0.18 m / 7"								9080MH307							
0.20 m / 8"		9080MH308															
0.23 m / 9"		9080MH309															
0.25 m / 10"		9080MH310															
0.28 m / 11"		9080MH311															
0.30 m / 12"		9080MH312															
0.33 m / 13"	9080MH313	10									7.5 mm depth, 1 mm steel, zinc chromated EN50022 & NF C63-015	2 m / 78.74"	AM1DP200	10	1.4 (.65)		
0.36 m / 14"	9080MH314																
0.38 m / 15"	9080MH315																
0.41 m / 16"	9080MH316																
0.43 m / 17"	9080MH317																
0.46 m / 18"	9080MH318																
0.50 m / 19.68"	9080MH320																
1 m / 39.37"	9080MH339																
2 m / 78.74"	9080MH379																
High rise track	Aluminum		1 m / 39.37"	9080MH479												2	
● Orders must specify standard packages or multiples of that quantity																	
MH3**			MHA10														
																	
Angle bracket kit																	
																	
For mounting 9080 GH or MH track to a panel at 45° angle. Includes 2 brackets and hardware for mounting the track to the brackets.																	
			9080MH82	1													
End Clamps																	
																	
Plastic end clamp for 35 mm DIN 3 track, 8 mm (0.31") wide			AB1AB8P35	100													
																	
Metal end clamp for 35 mm DIN 3 track, 8 mm (0.31") wide			AB1AB8M35	100													
																	
Polycarbonate end clamp for 35 mm DIN 3 track, 8 mm (0.31") wide			9080MHA10	50													
																	
Plastic end clamp for 32 mm DIN 1 track, 7.5 mm (0.30") wide			AB1AB7P32	100													
																	
Metal end clamp for 32 mm DIN 1 track, 7.5 mm (0.30") wide			AB1AB10M32	100													
																	
Plastic end clamp for 15 mm DIN 2 track, 7.5 mm (0.30") wide			AB1AB715	100													

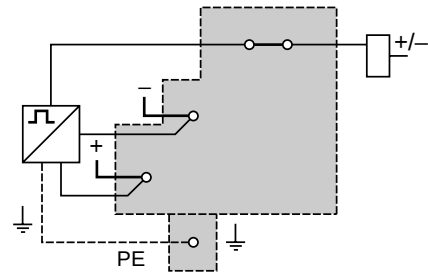


IEC Sectional Terminal Blocks, Type AB1 Terminal Blocks Wiring for 3-Wire Proximity Sensors and Photoelectric Detectors

Wiring of terminal block for proximity sensor

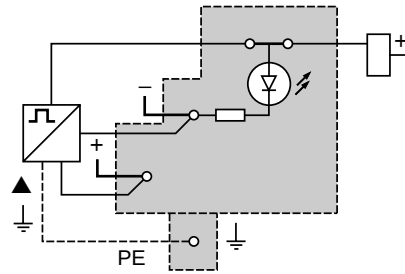
Catalog Number

AB1DDP235U, AB1DDP235T



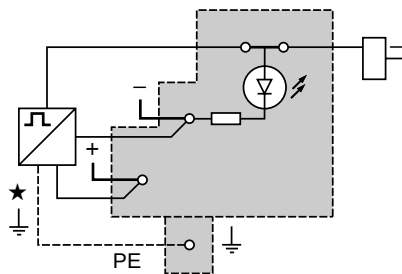
Catalog Number

AB1DDP235ULM, AB1DDP235TLM



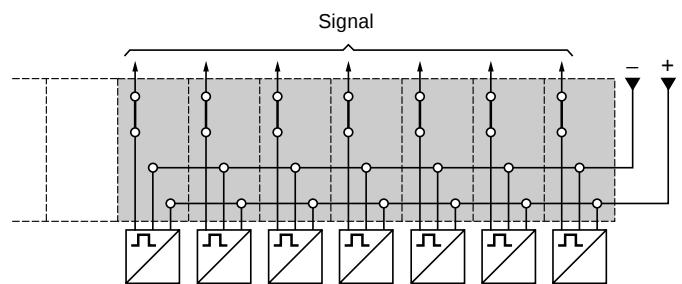
▲ PNP type sensor

AB1DDP235ULP, AB1DDP235TLP



★ NPN type sensor

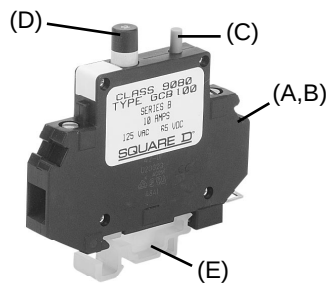
Wiring multiple sensors



IEC Sectional Terminal Blocks

Supplementary Protectors / One-Pole Thermal Magnetic Control Circuit Protectors

Single pole 9080GCB*** circuit protector blocks



- A. Thermal-magnetic circuit protector
- B. 14 stocked current ratings, from 0.1 to 15 A
- C. On-Off switch
- D. Visible trip indication
- E. Mounts on Class 9080 Type GH track and on 35 mm DIN3 mounting track

9080GCB*** circuit protectors:

- Have solderless box lugs.
- Accept 1 #10 - 16 Cu AWG wire
- Come with track adapter 9080GH64 for mounting on 9080GH track. Remove this adapter for mounting on 9080MH2**, MH3**, and AM1 track. Use mounting adapter 9080MH62 for the DZ5MB201 DIN1 track.

Track Adapter	Catalog Number
For mounting 9080 GCB circuit protectors on DZ5MB201 track or DIN1 track	9080MH62

Type GCB circuit protector application data

Technical data	
Maximum voltage rating	250Vac/65Vdc (GCB01 through 70) 125Vac/65Vdc (GCB100 and 150)
Maximum interrupting rating	200 A, but not exceeding 10,000% (100 x) rated current

Selection

To properly select a Class 9080 Type GCB circuit protector, follow steps 1-4.

1. Determine the inrush correction factor from Table A on right.
 2. Determine the temperature correction factor from Table B on right.
 3. Determine the sealed current of the load that is being protected.
 4. Multiply the sealed current by the two correction factors and choose the closest circuit protector.
- Note:* choosing a circuit protector with a value lower than the calculated value might cause nuisance tripping, while choosing the larger might provide a protector that will not properly protect the load.

Example: Solenoid with sealed current of 0.75 A, an inrush ratio of 1:6, and in an ambient temperature of 85°F.
 $0.75 \times 1.5 \times 1.05 = 1.18$
 Choose the 1.2 A protector

Technical data

Dielectric strength	1500 Vac
Insulation resistance	100 MΩ
Weight	2.2 oz (62.4 g)
Terminals	Box lug type
Tightening torque	8-10 lb-in (0.91-1.1 N•m)
Approvals	File E152841 CCN QVNU2 File LR25490
Fingersafe per DIN 57470	Yes

Maximum Current (A) ▲	Internal Resistance (W)	Maximum voltage	Catalog Number
0.1	1.33	250Vac 65 Vdc	9080GCB01
0.5	6.6		9080GCB05
0.8	2.55		9080GCB08
1.0	1.97		9080GCB10
1.2	1.22		9080GCB12
1.5	0.86		9080GCB15
2.0	0.49		9080GCB20
2.5	0.31		9080GCB25
3.0	0.20		9080GCB30
4.0	0.10		9080GCB40
5.0	0.08	125Vac 65 Vdc	9080GCB50
7.0	0.03		9080GCB70
10.0	< 0.02		9080GCB100
15.0			9080GCB150

▲ These maximum current values assume the use of insulated copper conductors with 75°C temperature rating, and are calculated based on NEC Article 310, Table 310-16. In most cases this value is the maximum ampacity of that wire or combination of wires (as listed in the above table) which has the greatest current carrying capacity. The actual allowable current for a particular application is dependent upon the number, size, insulation class, and other characteristics of the wires used.

Table A: Inrush ratio correction

NOTE: For resistive loads, use an inrush correction factor of 1.0.

Inrush ratio	1:1 to 1:4	1:5	1:6	1:7	1:8
Correction factor	1.3	1.4	1.5	1.6	1.7

Table B: Ambient temperature correction

Ambient temperature	°F	70	100	120	140	160	180	200
	°C	21.1	37.8	48.9	60	71.1	82.2	93.3
Correction factor		1.0	1.1	1.2	1.3	1.4	1.5	1.6

Tripping time

Tripping time of the circuit protector is determined from Table C below. Divide the circuit protector value by the temperature correction factor from Table B above to determine actual rated current referenced in Table C.

Table C: Tripping times in seconds @ 70°F (21.1°C)

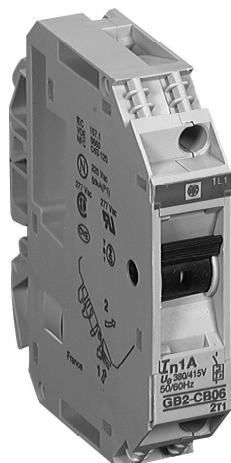
Percent rated current	100%	200%	300%	400%	500%	600%	1000%	2000% & greater
Trip time (seconds)	no trip	10-40	38	1.5-9	.8-6	.003-4	.003-2	.02 max.

Note: When several protectors are channel mounted adjacent to each other, the "no trip" current will be 80% of rated current at 70°F (21.1°C).



IEC Sectional Terminal Blocks

Supplementary Protectors / One-Pole Thermal Magnetic Control Circuit Protectors



GB2CB06

Specifications	
Conformity to standards	UL File # E164873 CCN QVNU2 tested per UL standard 1077 supplemental protectors CSA Class 3215 01 IEC 157-1 VDE 0660
Protective treatment	Tropical climate finish
Enclosure rating	IP 201 conforming to IEC 144 finger safe terminals
Ambient temperature	−4 to 140°F (−20 to 60°C) mounted in open air
Operating position	± 30° from the vertical plane
Technical characteristics	
Rated insulation voltage	300 Vac max
Thermal ratings	0.5A, 1A, 2A, 3A, 4A, 5A, 6A, 8A, 10A, 12A
Average ambient temperature	Rating selection according to average ambient temperature
	(°C) −20 −10 0 +10 +20 +30 +40 +50 +60
	(°F) −4 +14 +32 +50 +68 +86 +104 +122 +140
Correction factor	1.2 1.15 1.1 1.05 1.0 .95 .90 .85 .80
Breaking capacity	1.5 kA/220V conforming to IEC 157-1 (P1)
Operating current of magnetic trips	12 to 16 times thermal rating
Mechanical life	8,000 operations
Maximum wire sizes	Number of conductors 1 2 (flexible) 4mm ² (12AWG) 1 to 2.5mm ² (16AWG)
Recommended tightening torque	11 lb-in (1.2 N•m)
Mounting	35 mm DIN 3 or DIN 1

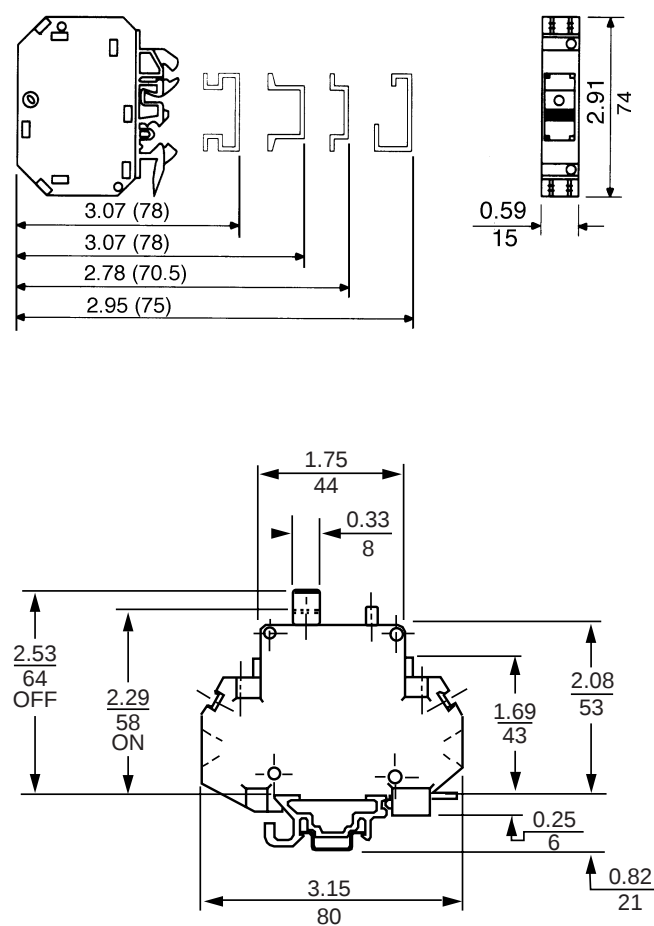
One-Pole Thermal Magnetic Control Circuit Protectors	Thermal Rating (A)	Catalog Number	Standard Pack ▲
	0.5	GB2CB05	6
	1	GB2CB06	
	2	GB2CB07	
	3	GB2CB08	
	4	GB2CB09	
	5	GB2CB10	
	6	GB2CB12	
	8	GB2CB14	
	10	GB2CB16	
	12	GB2CB20	

Two-Pole Thermal Magnetic Control Circuit Protectors	Thermal Rating (A)	Catalog Number	Standard Pack ▲
	0.5	GB2CD05	6
	1	GB2CD06	
	2	GB2CD07	
	3	GB2CD08	
	4	GB2CD09	
	5	GB2CD10	
	6	GB2CD12	
	8	GB2CD14	
	10	GB2CD16	
	12	GB2CD20	

▲ Must order in multiples of standard pack



IEC Sectional Terminal Blocks
Circuit Protectors – Approximate Dimensions





IEC Sectional Terminal Blocks

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www.schneider.ca

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