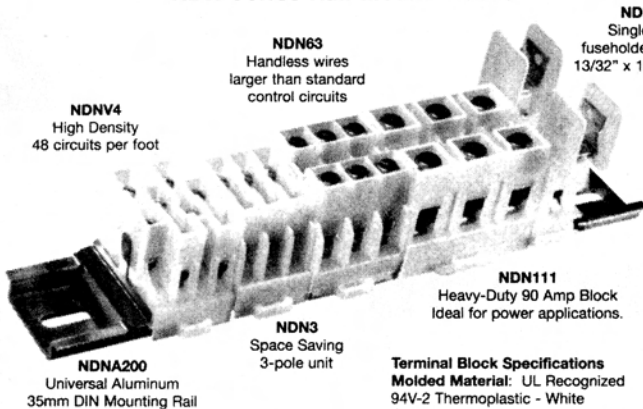


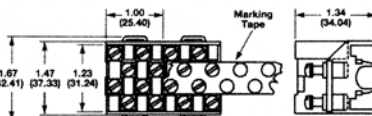
NDN Series Rail Mount Blocks

NDN Series Rail Mount Blocks, continued

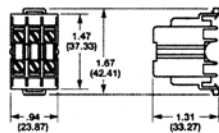


- High Density Design
- Clamping Collar Secures Wires
- Large, Captive, Wire-Ready Screws
- Unique One-Piece Construction
- "Snap-on" Installation on 35mm DIN Rail
- Fully Shielded Construction
- Impact Resistant Thermoplastic Moldings

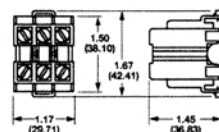
Specifications
Rating: 30A, 600V; UL/CSA
Center spacing: .250" (6.35 mm)
Number of poles: 4
Circuits per foot: 48
Circuit jumper: JN4, 4 circuits
Wire size: AWG #10-22 CU
Screw size: #6-32
Mounting options: 35mm DIN rail, C-rail
Marking tape: MTC6
Part No. NDNV4



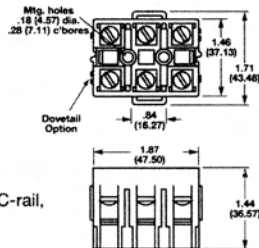
Specifications
Rating: 40A, 600V; UL/CSA
Center spacing: .300" (7.62 mm)
Number of poles: 3
Circuits per foot: 38
Circuit jumper: JNDN3, 2 circuits
Wire size: AWG #10-22 CU
Screw size: #6-32
Mounting options: 35mm DIN rail, C-rail
Marking tape: MT12.5
Part No. NDN3



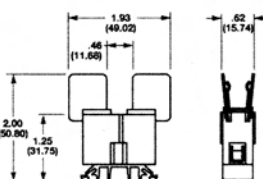
Specifications
Rating: 65A, 600V; UL/CSA
Center spacing: .375" (9.52 mm)
Number of poles: 3
Circuits per foot: 30
Circuit jumper: JN3, 2 circuits
Wire size: AWG #6-18 CU
Screw size: #10-32
Mounting options: 35mm DIN rail, C-rail
Marking tape: MT12.5
Part No. NDN63



Specifications
Rating: 90A, 600V; UL/CSA
Center spacing: .635" (16.13 mm)
Number of poles: 3
Circuits per foot: 19
Circuit jumper: JN1, 2 circuits
Wire size: AWG #2-18 CU
Screw size: 1/4-28
Mounting options: 35mm DIN rail, C-rail, Base Mount
Marking tape: MT12.5
Part No. NDN111



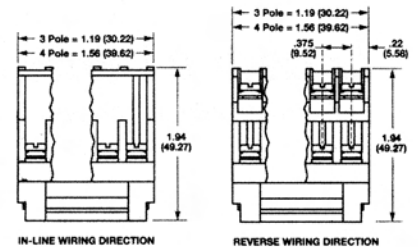
Specifications
Rating: 30A, 600V; UL/CSA
Number of poles: 1
Fuse size: 13/32" x 1-1/2"
Circuit jumper: JF1, 2 circuits
Wire size: AWG #8-22 CU
Mounting options: 35mm DIN rail, C-rail
Fuse Pullers: PF1 (standard); LPF1 (lighted, neon or incandescent bulb)
Marking tape: MT12.5
Part No. NDNF1



NDNF1
Single Pole
fuseholder accepts
13/32" x 1-1/2" fuses

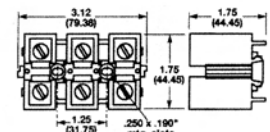
Terminal Block Specifications
Molded Material: UL Recognized 94V-2 Thermoplastic - White
Collars: Heat Treated Stainless Steel
Terminals: Tin Plated Copper Alloy
Screws: Zinc Plated Steel
Operating Temperature: 125° C
Recommended Tightening Torque:
Wire Sizes to #8: 20 pound inches.
Wire Sizes to #4: 35 pound inches.
Wire Sizes to 2/0: 50 pound inches.
UL File No. E60517 CSA File No. LR22721

Specifications
Rating: 30A w/ring terminal; 25A without; 600V; UL/CSA
Center spacing: .375" (9.32 mm)
Number of poles: 3 & 4 pole only
Wire size: AWG #12-16 CU
Contact material: Copper alloy
Molded material: UL rated flame retardant nylon
Mounting options: 35mm DIN rail
Part No. 15188-3 (3 poles)
Part No. 15188-4 (4 poles)

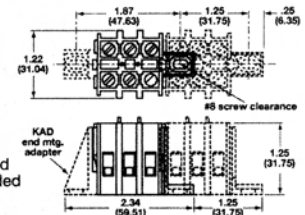


Rail & Base Mounted Terminal Blocks

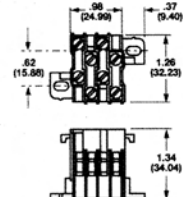
Specifications
Rating: 175A, 600V; UL/CSA
Center spacing: 1.06" (26.92 mm)
Number of poles: 3
Circuits per foot: 11
Wire size: 2/0-#14 CU; 2/0-#12 AL
Screw size: 5/16-24
Mounting options: C-rail; Base Mount, Terminal cover (P/N LS3) is optional.
Part No. NC3



Specifications
Rating: 40A, 600V; UL/CSA
Center spacing: .390" (9.91 mm)
Number of poles: 3
Circuits per foot: 28
Circuit jumper: JN3, 2 circuits
Wire size: AWG #8-22 CU
Screw size: #8-32
Mounting options: Base Mount, End Mounting Adaptor (P/N KAD) is required for mounting. Mounting screws recommended every 15 circuits.
Marking tape: MT12.5
Part No. KT3



Specifications
Rating: 30A, 300V; UL/CSA
Center spacing: .250" (6.35 mm)
Number of poles: 4
Circuits per foot: 48
Circuit jumper: JN4, 4 circuits
Wire size: AWG #10-22 CU
Screw size: #6-32
Mounting options: Base Mount, Mounting screws recommended every 12 circuits.
Marking tape: MTC6
Part No. KT4



Terminal Block Accessories

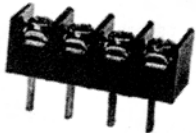
Part No.	Description	
NDNA 100 (1 meter) NDNA 200 (2 meter)		35mm Din Rail Aluminum
KAD		End Mounting Adaptor
LS3		Lug Shield Terminal Cover
NDNAS		35mm Din Rail End Stop
NFTA36 NFTA72		36" or 72" C-Rail Aluminum
MTC6		6" Marking Tape For NDNV4
MT12.5		12.5" Marking Tape For all but NDNV4

SINGLE ROW TERMINAL STRIPS

SERIES A1000 • SERIES CB1000
.325" Centers (8.26mm)

Series A1 is designed without standoffs for flush mounting; .025" standoffs available on the A1 Series as an option (suffix "-B"). Standoffs and side barrier standard on Series CB1000. Constructed of black, UL rated 94VO thermoplastic. Rating: 15A; 250V; UL/CSA. Screw: #6-32 zinc plated phillslot. Wire Size: #14-22 AWG Cu. Distance between barriers: .260". Operating Temp: 150°F (65°C). Recommended PCB hole dia. of .070". IEC Compliance. Available with "Wire-Ready" option.

A1000 Series

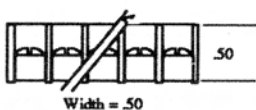


CB1000 Series

A1/CB1 Series



A5/CB5 Series



SERIES A5000 • SERIES CB5000
.250" Centers (6.35mm)

Constructed of black, UL rated 94VO thermoplastic. Standoffs (.025") standard on both series. Space-saving design. Rating: 10A, 300V; UL/CSA. Screw: #3-48 zinc plated phillslot. Wire Size: #16-30 AWG Cu. Distance between barriers: .200". Operating Temperature: 150°F (65°C) continuous. Recommended for PC board hole dia. of .062".



A5000 Series



CB5000 Series



"L" =

2 Pole: Barrier End Overall Length
2 Pole: Mount End Overall Length

	1000 Series	5000 Series
2 Pole: <u>Barrier End Overall Length</u>	0.720	0.560
2 Pole: <u>Mount End Overall Length</u>	1.370	1.060

Note 1. 1000 Series: Add .325 for each additional pole;
5000 Series: Add .250.

Note 2. For Mount End/Mount Centers: Determine desired overall length ("L") and subtract .390 for 1000 Series; subtract .310 for 5000 Series.
i.e., 1000 Series 4-pole "L" = 2.02 - .390 = 1.63 mount centers.

All dimensions in inches. For MM - multiply by 25.4.

Terminal Chart

(See Terminal Dimension Table)

01 Handwired	02 Circuit Board
03 Non Feed-Thru	04 Wire Wrap
07 Extended Pin	

CB Terminal Exit Options:

CB1000 Series: Exit Rear (standard); "EF" Exit Front; "EB" Exit Back
CB5000 Series: Exit Rear (standard); "EF" Exit Front

Part Numbering System

Series

Terminal

Base/End

Poles

A1-standard barrier
CB1-closed barrier
A5-standard barrier
CB5-closed barrier

See Terminal Chart
01-07

1-mount end
2-barrier end
3-closed base/
mount end

1000 Series
02-36
02-34 on
mount end base
5000 Series
02-30
02-28 on
mount end base

Terminal Dimensions

Terminal Style	1000 Series		5000 Series	
	A	B	A	B
01	.425	.110	.400	.100
02	.135	.055	.170	.045
03	-	-	-	-
04	.325	.055	.400	.045
07	.515	.055	N/A	N/A

4 TERMINAL BLOCKS

SINGLE ROW TERMINAL STRIPS

SERIES A2000 • SERIES CB2000 • SERIES LP2000
.375" Centers (9.52mm)

Constructed of black, UL rated 94VO thermoplastic. Standoffs (.020") standard. Rating: 20A, 300V; UL/CSA. Screw: #6-32 zinc plated phillslot screws; #8-32 optional on CB Series. Metric hardware also available. Wire Size: #12-22 AWG Cu. Distance between barriers: .300". Operating Temperature: 150°F (65°C) continuous. Recommended for PC board hole dia. of .076". IEC Compliance. Available with "Wire-Ready" option.

SERIES A3000 • SERIES CB3000 • SERIES LP3000
.437" Centers (11.10mm)

Constructed of black, UL rated 94VO thermoplastic. Standoffs (.020") standard. Rating: 20A, 600V; UL/CSA. Screws: #6-32 zinc plated phillslot screws; #8-32 optional on CB Series. Metric hardware available. Wire Size: #12-22 AWG Cu. Distance between barriers: .330". Operating Temperature: 150°F (65°C). Recommended for PC board hole dia. of .076". IEC Compliance. Available with "Wire-Ready" option.



LP2000 Series



A2000 Series



CB2000 Series



A3000 Series

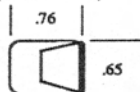


CB3000 Series

A/LP Series



(.565 LP Series)



"L" =

2 Pole: Barrier End Overall Length
 2 Pole: Mount End Overall Length

2000 Series 3000 Series

0.810 0.980
 1.560 1.730

Note 1. 2000 Series: Add .375 for each additional pole; 3000 Series: Add .437.
 Note 2. For Mount End/Mount Centers: Determine desired overall length ("L") and subtract .430 for 2000 Series; subtract .420 for 3000 Series.
 i.e., 2000 Series 4-pole "L" = 2.31 - .430 = 1.88 mount centers.
 All dimensions in inches. For MM - multiply by 25.4.

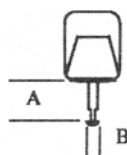
CB Series



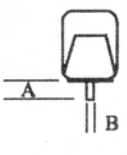
Width = .70

Terminal Chart

(See Terminal Dimension Table)



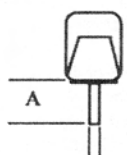
01 Handwired



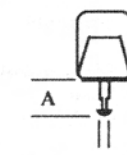
02 Circuit Board



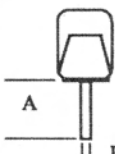
03 Non Feed-Thru



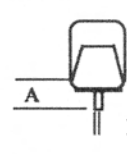
04 Wire Wrap



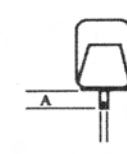
06 Handwired



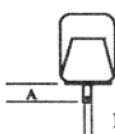
07 Extended Pin



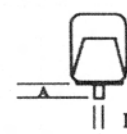
08 Circuit Board



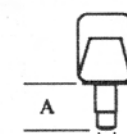
10 Quick Connect



11 Quick Connect



14 Circuit Board



19 Quick Connect

Part Numbering System



Series



Terminal



Base/End



Poles

A2-standard barrier

CB2-closed barrier

LP2-low profile barrier

A3-standard barrier

CB3-closed barrier

LP3-low profile barrier

See Terminal Chart
 01-19

1-flat base/
 mount end

2-flat base/
 barrier end

3-insulator base/
 mount end

4-insulator base/
 barrier end

5-closed base/
 mount end

2000 Series
 02-32
 02-30 on
 mount end base
3000 Series
 02-28
 02-26 on
 mount end base

Terminal Dimensions

Terminal Style	A or LP Series		CB Series	
	A	B	A	B
01	.550	.110	.400	.120
02	.200	.062	.200	.062
03	-	-	-	-
04	.550	.062	.400	.062
06	.300	.110	N/A	N/A
07	.820	.062	.700	.062
08	.170	.062	-	-
10	.420	.187	N/A	N/A
11	.450	.110	.450	.110
14	.125	.062	N/A	N/A
19	.720	.250	N/A	N/A

CB Terminal Exit Options:

Exit Rear (standard); "EF" Exit Front; "EB" Exit Back