

100 Series High Density Miniature Blocks



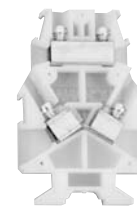
**Miniature
Nylon**



**Miniature
Polypropylene**



Single Tier



Double Tier

Characteristics

Type of Block	Model	Part Number	Model	Part Number	Model	Part Number	Model	Part Number
Standard Block	125-BU	2-1437392-3	P125	4-1437392-7	115-BU	1437381-5	105-BU	1-1437392-7
Corrosion Resistant (nickel plated contacts)	D125	3-1437389-3	DP125	7-1437389-1	D115	3-1437389-2	D105	2-1437392-9
Specifications								
Housing Material	Nylon	—	Polypropylene	—	Nylon	—	Nylon	—
Max. Service Temperature	125°C (257°F)	—	105°C (221°F)	—	125°C (257°F)	—	125°C (257°F)	—
Flammability	UL94V-2	—	UL94V-0	—	UL94V-2	—	UL94V-2	—
Wire Strip Length (in.)	5/16	—	5/16	—	5/16	—	5/16	—
Torque, in-lbs.	6-9	—	6-9	—	6-9	—	6-9	—
Electrical Characteristics								
UL Rating	20 A @ 300V	—	20 A @ 300V	—	20 A @ 600V	—	20 A @ 600V	—
Wire Range (solid & stranded)	30-12	—	30-12	—	30-12	—	30-12	—
Spacing								
Pitch	0.25"	—	0.25"	—	0.25"	—	0.24"	—
Terminals per Foot	48	—	48	—	48	—	102	—
Accessories								
End Section (gray)	130-BU	2-1437392-5	P130	4-1437392-9	120	2-1437392-1	110-BU	1-1437392-8
Jumper, 2 pole	10	1437381-1	10	1437381-1	10	1437381-1	—	—
Jumper, 10 pole	—	—	—	—	—	—	J10	3-1437392-1
Jumper, Inter-tier	—	—	—	—	—	—	J2-BU	3-1437392-2
Mounting Channel								
Miniature (3ft)	12	1437381-8	12	1437381-8	12	1437381-8	—	—
Steel, Zinc plated (6ft)	—	—	—	—	60	9-1437381-1	60	9-1437381-1
Steel, Zinc plated (3ft)	—	—	—	—	63-BU	9-1437381-8	63-BU	9-1437381-8
Breakaway, steel	—	—	—	—	60B36	9-1437381-2	60B36	9-1437381-2
Pre-punched aluminum (6ft)	—	—	—	—	64	9-1437381-9	64	9-1437381-9
Pre-punched aluminum (3ft)	—	—	—	—	67	1437382-2	67	1437382-2
Channel Clamps								
Miniature (use w/#12 channel)	11	1437381-4	11	1437381-4	11	1437381-4	—	—
Universal	—	—	—	—	68	1437382-3	68	1437382-3

100 Series High Density Miniature Blocks Accessories

Channel Clamps



Marking Accessories



Screw Steel Channel	Universal	Snap-in	Miniature for #12 Channel	See-thru Cover	Ganging Rod	Miniature Vinyl Marking Strips	Elevated Marking Strip	Nylon Holding Plug
Part Number								
9-1437381-5	1437382-3	9-1437381-7	1437381-4	1-1437381-0	1-1437381-1	1-1437381-2	4-1437381-1	1-1437381-3
Catalog Number								
61	68	62	11	13	14	15	52-BU	16
Available For								
Single Tier Double Tier	Single Tier Double Tier	Single Tier Double Tier	Miniature Single Tier	Miniature Single Tier	Miniature Single Tier	Miniature Single Tier Double Tier	Miniature Single Tier Double Tier	Miniature Single Tier
Standard Length								
—	—	—	—	—	2 feet	25 feet	18 inches	—

Factory Assembled Blocks

Description	Direct Mount	Channel Mount
Miniature (nylon)	125xx	0125xx
	D125xx (nickel)	D0125xx (nickel)
Single Tier (nylon)	115xx	0115xx
	D115xx (nickel)	D0115xx (nickel)
Double Tier (nylon)	105xx	0105xx
	D105xx (nickel)	D0105xx (nickel)
Miniature (polypropylene)	P125xx	P0125xx
	DP125xx (nickel)	DP0125xx (nickel)

Note: xx = number of blocks desired. For factory assembled blocks with removable marking strip, add "-1" to Catalog Number. Minimum order quantities may apply.

Related Product Data

Wire Pins and Ferrules—Pages 109-111

For more information on AMP Standard Terminals and Splices or Quick-Connect FASTON Receptacles and Tabs, request Catalog 82042.



Note: All part numbers are RoHS Compliant.

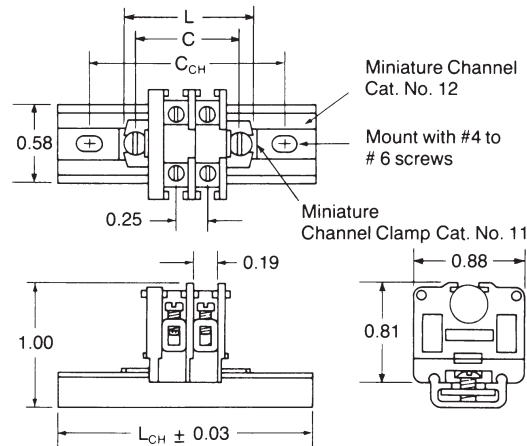
Miniature Blocks

Miniature

$C = .29 [7.37] + (.25 [6.35] \times N)$
 $L = .51 [12.95] + (.25 [6.35] \times N)$

On Miniature Channel:

$C_{CH} = 1.00 [25.4] + (.25 [6.35] \times A)$
 $L_{CH} = 1.35 [34.29] + (.25 [6.35] \times A)$
 A = N when N is even
 A = N + 1 when N is Odd
 N = No. of Miniature Sections

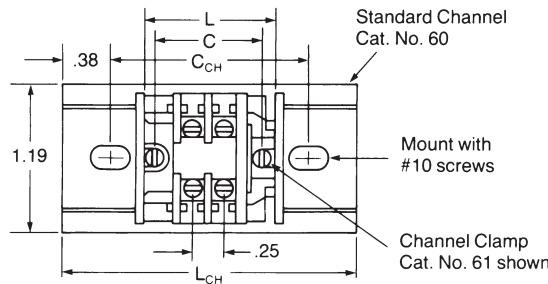


Single Tier

$C = .35 [8.89] + (.25 [6.35] \times N)$
 $L = .50 [12.7] + (.25 [6.35] \times N)$

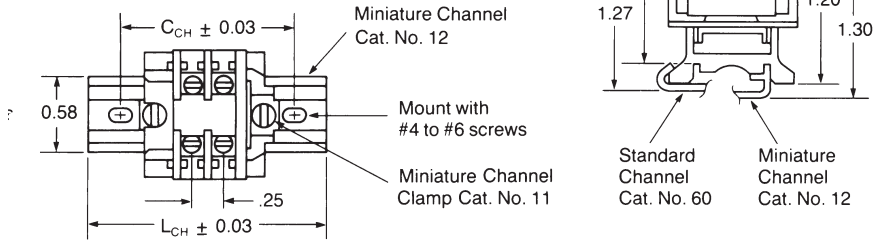
On Standard Channel:

$C_{CH} = 2.00 [50.8] + (.25 [6.35] \times N)$
 $L_{CH} = 2.75 [69.85] + (.25 [6.35] \times N)$
 N = No. of Single Tier Sections



On Miniature Channel:

$C_{CH} = 1.00 [25.4] + (.25 [6.35] \times A)$
 $L_{CH} = 1.35 [34.29] + (.25 [6.35] \times A)$
 A = N when N is Even
 A = N + 1 when N is Odd
 N = No. of Single Tier Sections



Double Tier

$L = .08 [2.03] + (.24 [6.10] \times N)$

On Miniature Channel:

$C_{CH} = 1.58 [2.03] + (.24 [6.10] \times A)$
 $L_{CH} = 2.33 [59.18] + (.24 [6.10] \times A)$
 N = No. of Double Tier Sections

