

## C381 Series Terminal Blocks, Rail Mounted



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## C381 Series Terminal Blocks, Rail Mounted

### Product Description

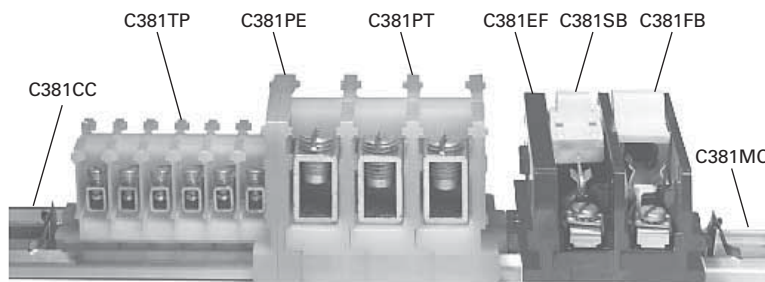
- 600V
- Snap-fit nylon sections
  - Control circuit blocks
  - Power circuit blocks
  - Fuse blocks
  - Switch blocks
- Sections can be interlocked in any quantity and any mixture for direct panel mounting or channel mounting
- Three terminal choices in control circuit blocks, up to 32 circuits per foot
- Power circuit blocks for heavy-duty applications, up to 16 circuits per foot
- Fuse blocks accommodate any 0.406 x 1.5 in (10.3 x 38.1 mm) ferrule type cartridge fuse up to 30A
- Switch blocks have removable blade for extra safety

### Standards and Certifications

- UL File #E67464



### A Typical Mixture of Control Circuit Blocks, Power Blocks, Switch and Fuse Blocks in a Mounting Channel



# 8.2

## Terminal Blocks, Fuse Blocks and Fuse Holders

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### Product Selection

#### When Ordering Specify

Catalog number and quantity, which must be in a multiple of the available minimum standard package.

Examples:










- 200 Cat. No. C381ST
- 20 Cat. No. C381PT
- 100 Cat. No. C381CC

Catalog number and quantity of end sections also in minimum quantity standard package.

Example:

- 25 Cat. No. C381ES.

### Control, Power, Switch and Fuse Blocks <sup>①</sup>

	Description	AWG Wire Size	Standard Pack <sup>②</sup>	Catalog Number
<b>Control Circuit Terminal Blocks—Rated 50A</b>				
	C381ST Type ST (screw terminal)	22–14 AWG	100	C381ST
	C381TP Type TP (tubular pressure plt)	22–10	100	C381TP
	C381TS Type TS (tubular screw) end section	18–8	100	C381TS
	C381ES End section	—	25	C381ES
<b>Power Circuit Terminal Blocks—Rated 155A</b>				
	C381PT Type PT (tubular screw)	10–1/0	10	C381PT
	C381PE End section	—	10	C381PE
<b>Switch Blocks—Rated 15A and Fuse Blocks—Rated 30A</b>				
	C381SB Switch blocks	18–8	10	C381SB
	C381FB Fuse blocks	18–8	10	C381FB
	C381EF End section	—	10	C381EF

#### Notes

- ① Available only in minimum quantity standard packages.
- ② Must be ordered in standard package quantity or in multiples of these quantities.

## Accessories

### C381 Series Terminal Blocks, Rail Mounted <sup>①</sup>

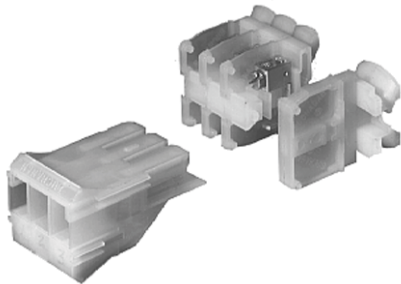
Description	Standard Pack <sup>②</sup>	Catalog Number
Aluminum mounting channel—6 ft (1.8m) lengths	25	<b>C381MC</b>
Screw type channel clamp (one required each end) <sup>③</sup>	100	<b>C381VC</b>
Spring type channel clamp (one required each end) <sup>③</sup>	100	<b>C381CC</b>
Vinyl marking strip—3/8 in x 25 ft (9.5 mm x 7.6m) coil	1	<b>C381MS</b>
Marking paper—pressure sensitive—5/16 x 11-11/16 in (7.9 x 296.9 mm), 24 strips/sheet	5 sheets	<b>C381MP</b>
Marking strip retainer (one required/grouping)		
For use on control circuit blocks	100	<b>C381SR</b>
For use on power circuit blocks	100	<b>C381SP</b>
Fanning strip—for type TP and/or TS	50	<b>C381TF</b>
Fanning strip—for type ST	50	<b>C381SF</b>
Terminal jumper (two-pole) <sup>④</sup>	100	<b>C381TJ</b>
Ganging rod—1/8 in x 6 in (3.2 mm x 152.4 mm) <sup>⑤</sup>	10	<b>C381GR</b>

## Modifications

### Pull Apart Terminal Blocks <sup>①</sup>

Description	AWG Wire Size	Standard Pack <sup>②</sup>	Catalog Number
One-pole stationary section (tubular pressure plt)	22–10	100	<b>C381PS</b>
Three-pole movable section (tubular pressure plt)	22–10	12	<b>C381PM</b>
End section	—	25	<b>C381ES</b>
Polarizing plug (promotes alignment of poles) <sup>⑥</sup>	—	100	<b>C381PP</b>

### Pull Apart Terminal Blocks



**Illustrates: One–Three-Pole Movable Section, Three–One-Pole Stationary Sections and One–End Piece**

#### Notes

- <sup>①</sup> Available only in minimum quantity standard packages.
- <sup>②</sup> Must be ordered in standard package quantity or in multiples of these quantities.
- <sup>③</sup> C381CC is a snap-in, one time use disposable type. C381VC can be readjusted or reused as desired.
- <sup>④</sup> For use on adjacent Type TP and/or TS control circuit sections.
- <sup>⑤</sup> May be used on section covers or to gang fuse and/or switch blocks.
- <sup>⑥</sup> L shaped plug installs in end of stationary section, Catalog Number C381PS, and prevents incorrect installation of movable section, Catalog Number C381PM.

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## Terminal Blocks, Fuse Blocks and Fuse Holders

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### Technical Data and Specifications

#### Formulas for Calculating Blocks and Channel Lengths

N = Number of Blocks

#### C381 Series Terminal Blocks, Rail Mounted

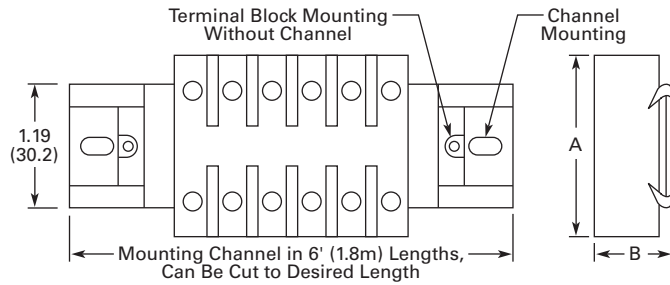
Description	Blocks Length
Control blocks and pull apart blocks	$0.762 + (0.375 \times N)$
Power circuit blocks	$0.812 + (0.750 \times N)$
Fuse and switch blocks	$0.812 + (0.755 \times N)$
Mounting channel (minimum channel length)	$0.75 + \text{blocks length}$

### Dimensions

Approximate Dimensions in Inches (mm)

8

#### C381 Series Terminal Blocks, Rail Mounted



Block	A	B
Control circuit blocks	1.25 (31.8)	1.55 (39.4)
Power circuit blocks	1.75 (44.5)	2.00 (50.8)
Fuse blocks	2.75 (69.9)	2.00 (50.8)
Switch blocks	2.75 (69.9)	2.00 (50.8)
Pull apart blocks	1.88 (47.8)	2.75 (69.9)