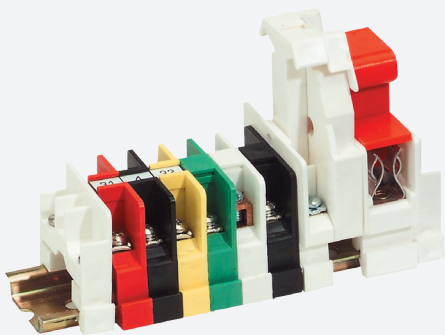


# NEMA TERMINAL BLOCKS



c3controls' line of NEMA terminal blocks are both innovative and user-friendly. They are simple to install and are available in standard feed-through screw clamp and fuse holder.



## Section 24

Screw Clamp	
Feed Through	4
Fusible	6
Accessories	7
Dimensions	8

## PROVEN



**Conformity to Standards:**  
**SERIES TB (NEMA)**  
UL 1059, 486


**Certifications:**  
UL File #: E145984 (Guide XCFR2)

Visit [c3controls.com](https://c3controls.com) to download product certifications.

# NEMA TERMINAL BLOCKS

Every c3controls product is designed and manufactured to meet the needs of the machine builder, including our comprehensive line of NEMA Terminal Blocks. Check out all the features of our Series TB NEMA Terminal Blocks below!

## ENGINEERED TO HANDLE YOUR MOST COMPLEX WIRING APPLICATIONS

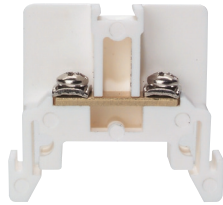
✓ <b>Proven</b>	Our NEMA terminal blocks meet UL standards, and are RoHS compliant. 
✓ <b>Multiple Wire Sizes</b>	NEMA terminal blocks accommodate #22 to two #12 AWG wires (0.34 – 4mm <sup>2</sup> ).
✓ <b>Wide Range of Operation</b>	A wide range of NEMA terminal blocks in feed through and fusible from 15A-50A.
✓ <b>Wiring Made Easy</b>	Wiring to the terminal blocks is made easy by unobstructed access to terminals.
✓ <b>Heavy-Duty Construction</b>	We mold our terminal block housings from unbreakable thermoplastic and we use quality zinc plated brass and electrolytic copper for our metal parts for excellent conductivity and to minimize corrosion.
✓ <b>Quick Identification</b>	Terminal markers are available for easy circuit identification.
✓ <b>Rugged Design</b>	Our DIN rail mounting foot allows for simple mounting onto 35mm DIN rails and is designed for easy snap on, snap off assembly—the most sturdy and rugged mounting foot on the market!
✓ <b>Time Savings</b>	Our 2-point jumper strap can be used in our 25A feed through terminal blocks, saving valuable wiring time.
✓ <b>Limited Lifetime Warranty*</b>	Every product is backed by our limited lifetime warranty—unmatched in the industry—bringing you quality components that perform in the most demanding applications.
✓ <b>Guaranteed Same-Day Shipping*</b>	Product availability reduces inventory, and improves cash-flow—saving you money. With c3controls any order for standard catalog items received by 6:00pm ET is guaranteed to ship same-day.
✓ <b>Advantage Pricing</b>	Our approach to product development, manufacturing, and focus on servicing the OEM and Electrical Equipment Builder reduces cost. The result—the best value in the industry.

\*See c3controls Terms & Conditions

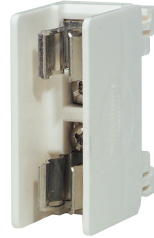
“ Our guys like c3controls—their sales reps are friendly, they have great customer service, and their technical support teams are on call—all in all making them extremely easy to work with. ”

Kevin Walbesser, Design Engineer • **Closure Systems International**

NEMA Feed Through

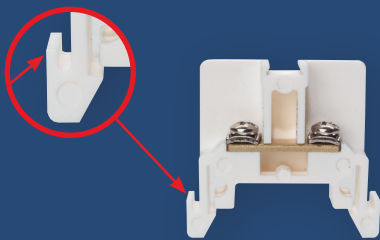


NEMA Fusible



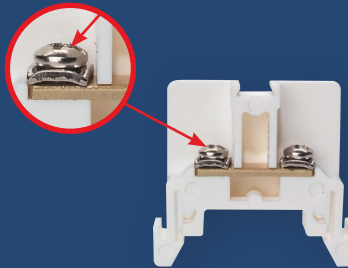
## UNIQUE PRODUCT LINE FEATURES

## SECURITY



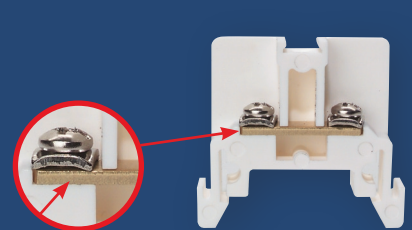
Our snap-on, rugged DIN rail mounting foot is designed to easily attach terminal blocks while creating a secure fit.

## FLEXIBILITY



NEMA type terminal blocks can be used with stranded or solid wire or ring type connectors.

## STABILITY



Our screw clamp terminal blocks feature a vibration resistant zinc plated clamping system.

**FIND IT  
FAST**

NEMA Terminal Blocks



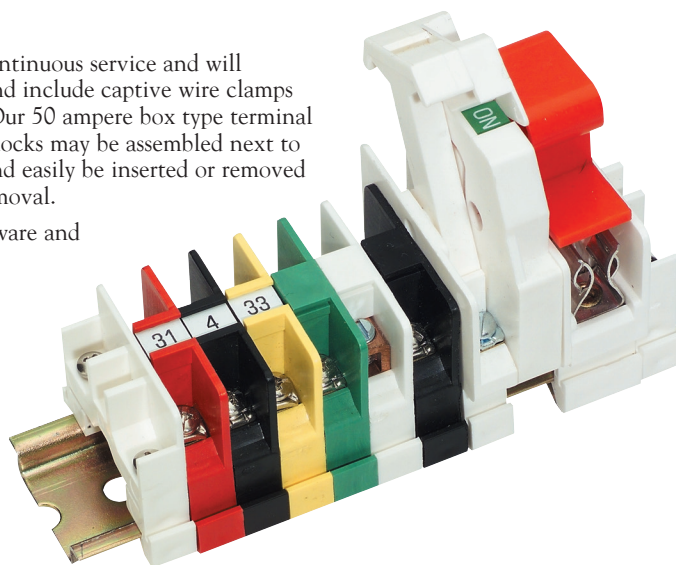
- Certifications
- Specifications
- Dimension Drawings
- Installation Instructions
- Easy To Buy

c3controls.com

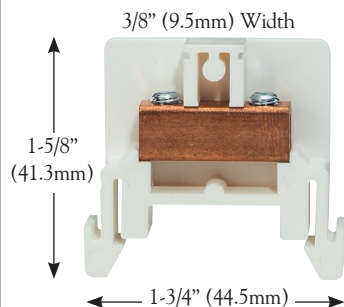
## NEMA TERMINAL BLOCKS


c3controls NEMA terminal blocks are rated 600 volts, 25-50 amperes continuous service and will accommodate #22 to two #12 AWG wires (0.34 - 4mm<sup>2</sup>) per terminal and include captive wire clamps for use with stranded or solid wire or ring type connectors, as standard. Our 50 ampere box type terminal block accepts #8 AWG wire. Any combination of DIN Rail Terminal Blocks may be assembled next to one another on the same mounting rail. Individual blocks can quickly and easily be inserted or removed without disturbing adjacent blocks. Only a screwdriver is required for removal.

- UL recognized rating for wire size shown. All terminal blocks, hardware and mounting rails are supplied in standard packages.



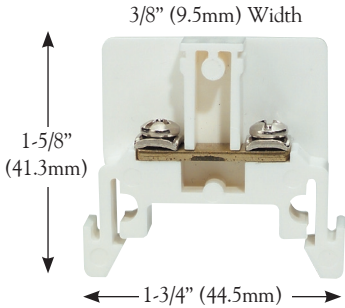
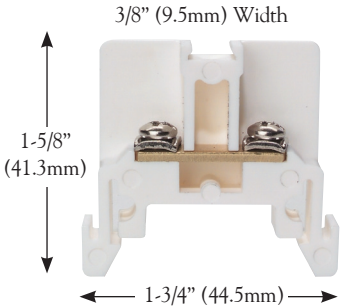
### NEMA FEED THROUGH TERMINAL BLOCKS



DRTB50F (BOX TYPE W/COPPER COLLAR)			
<b>SPECIFICATIONS</b>		<b>SINGLE-CIRCUIT TERMINAL BLOCK</b>	
Certifications		 UL 1059 File #: E145984	
Voltage Rating (V)		600V	
Maximum Current (A)		50A	
Wire Range		#16 - #8 AWG	
Wire Strip Length		5/16"	
Tightening Torque		20 lb-in. (max. 26 lb-in.)	
<b>ROHS COMPLIANCE</b>		For RoHS compliance documentation by product, refer to <a href="http://www.c3controls.com">www.c3controls.com</a>	
<b>TERMINAL BLOCKS</b>	<b>CAT. NO.</b>	<b>PCS./PKG.</b>	<b>LIST/PC.</b>
Standard (White)	DRTB50F	100	\$ 6.60
<b>ACCESSORIES</b> (see page 7)	<b>CAT. NO.</b>	<b>PCS./PKG.</b>	<b>LIST/PC.</b>
End Barrier	DREB	1	\$ 3.30
Marking Strips	MTBMS	100/sheet	\$29.00
Plated Steel Mounting Rail, DIN			
35mm x 7.5mm - Slotted - 1 Meter	DRMR3	1	\$ 9.70
35mm x 7.5mm - Slotted - 2 Meters	DRMR6	10	\$19.20
Aluminum Mounting Rail, DIN			
35mm x 7.5mm - Slotted - 1 Meter	DRMR3A	1	\$16.80



NEMA FEED THROUGH TERMINAL BLOCKS

DISCOUNT  
SCHEDULE **G**



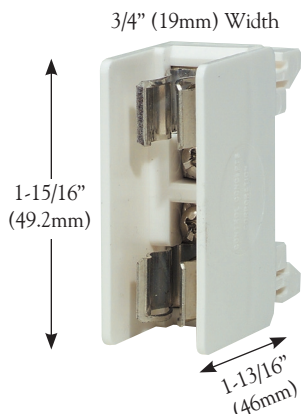
**DRTB25 (MODULAR)**

**DRTB25F (FLAT TOP)**

SPECIFICATIONS	SINGLE-CIRCUIT TERMINAL BLOCK			SINGLE-CIRCUIT TERMINAL BLOCK		
Certifications	 UL 1059 File #: E145984			 UL 1059 File #: E145984		
Voltage Rating (V)	600V			600V		
Maximum Current (A)	25A			25A		
Wire Range	22 - 12 AWG			22 - 12 AWG		
Wire Strip Length	5/16"			5/16"		
Tightening Torque	7-12 lb-in. (max. 18 to 20 lb-in.)			7-12 lb-in. (max. 18 to 20 lb-in.)		
ROHS COMPLIANCE						
For RoHS compliance documentation by product, refer to <a href="http://www.c3controls.com">www.c3controls.com</a>						
TERMINAL BLOCKS	CAT. NO.	PCS./PKG.	LIST/PC.	CAT. NO.	PCS./PKG.	LIST/PC.
Standard (White)	DRTB25	100	\$ 3.30	DRTB25F	100	\$ 3.30
ACCESSORIES (see page 7)	CAT. NO.	PCS./PKG.	LIST/PC.	CAT. NO.	PCS./PKG.	LIST/PC.
End Barrier	DREB	1	\$ 3.30	DREB	1	\$ 3.30
2-Point Jumper Strap	JS2	1	\$ 0.65	JS2	1	\$ 0.65
Marking Strips	MTBMS	100/sheet	\$29.00	—	—	—
Plated Steel Mounting Rail, DIN						
35mm x 7.5mm - Slotted - 1 Meter	DRMR3	1	\$ 9.70	DRMR3	1	\$ 9.70
35mm x 7.5mm - Slotted - 2 Meters	DRMR6	10	\$19.20	DRMR6	10	\$19.20
Aluminum Mounting Rail, DIN						
35mm x 7.5mm - Slotted - 1 Meter	DRMR3A	1	\$16.80	DRMR3A	1	\$16.80

NEMA  
TERMINAL  
BLOCKS

## NEMA FUSIBLE TERMINAL BLOCKS

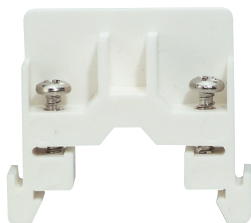


NOTE: c3controls fusible terminal blocks accommodate 13/32" diameter by 1-1/2" fuses.

DISCOUNT  
SCHEDULE **G**

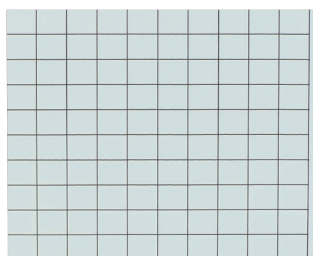
### DRFTB6

SPECIFICATIONS	SINGLE-CIRCUIT TERMINAL BLOCK		
Certifications	 UL 1059 File #: E145984		
Voltage Rating (V)	600V		
Maximum Current (A)	25A		
Wire Range	22 - 12 AWG		
Wire Strip Length	5/16"		
Tightening Torque	7-12 lb-in. (max. 18-20 lb-in.)		
ROHS COMPLIANCE	For RoHS compliance documentation by product, refer to <a href="http://www.c3controls.com">www.c3controls.com</a>		
TERMINAL BLOCKS	CAT. NO.	PCS./PKG.	LIST/PC.
Standard (White)	DRFTB6	1	\$15.00
ACCESSORIES (see page 7)	CAT. NO.	PCS./PKG.	LIST/PC.
End Barrier	DREB	1	\$ 3.30
Fuse Puller	FTB-FP	1	\$ 3.30
Plated Steel Mounting Rail, DIN			
35mm x 7.5mm - Slotted - 1 Meter	DRMR3	1	\$ 9.70
35mm x 7.5mm - Slotted - 2 Meters	DRMR6	10	\$19.20
Aluminum Mounting Rail, DIN			
35mm x 7.5mm - Slotted - 1 Meter	DRMR3A	1	\$16.80

**END BARRIER**

End barriers act as both the end barrier for the last terminal block on the assembly and retains the blocks on the mounting rail.

CODE	DESCRIPTION	LIST
DREB	End Barrier	\$ 3.30

**MARKING STRIPS**

Marking strips come "Blank" in sheets of 100 (ten rows of ten columns). These marking strips can be custom printed to meet your application.

NOTE: Custom marking strips are not available for same-day shipping.

**Custom Printing Set-Up Fees**

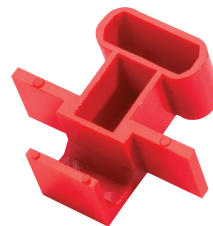
There is an \$18 set-up fee for c3controls to print custom markers. Submit an Excel file (.xls or .xlsx) using your purchase order as the name of the file with the file type extension. If you do not have a file to submit and would prefer c3controls to create the marker file for you, then there is a \$50 fee which includes the printing. Any questions regarding custom printing, contact our customer first team at 724.775.7926.

CODE	DESCRIPTION	LIST
MTBMS	(Blank) Marking Strips	\$29.00

**DIN RAIL**

We offer two types of 35mm symmetrical DIN rails; steel and aluminum. Our steel DIN rail is zinc with clear chromate plated and is available in either 1m (3.28ft.) or 2m (6.56ft.). The aluminum version is available in 1m (3.28ft.). Each simply fasten by screws to the mounting surface - no special brackets or hardware are needed. Terminal blocks easily snap on to rail.

CODE	DESCRIPTION	PCS./PKG.	LIST/PC.
<b>PLATED STEEL</b>			
DRMR3	DIN Rail 1 Meter (35mm x 7.5mm)	1	\$ 9.70
DRMR6	DIN Rail 2 Meters (35mm x 7.5mm)	10	\$19.20
DRMR3D	DIN Rail 1 Meter (35mm x 15mm)	1	\$14.40
DRMR6D	DIN Rail 2 Meters (35mm x 15mm)	10	\$27.60
<b>ALUMINUM</b>			
DRMR3A	DIN Rail 1 Meter (35mm x 7.5mm)	1	\$16.80

**FUSE PULLER**

For ease of installation and/or changing of fuses. For use with catalog code DRFTB6.

CODE	DESCRIPTION	LIST
FTBFP	Fuse Puller (Red)	\$ 3.30

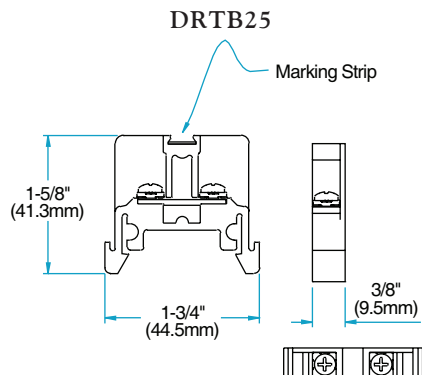
**2-POINT JUMPER STRAP**

Our 2-Point Jumper Strap can be used with 25A terminal blocks.

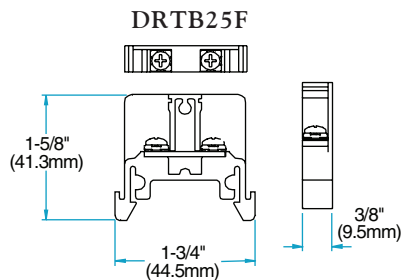
CODE	AMP (PER POLE)	LIST
JS2	25	\$ 0.65

**DISCOUNT  
SCHEDULE G**

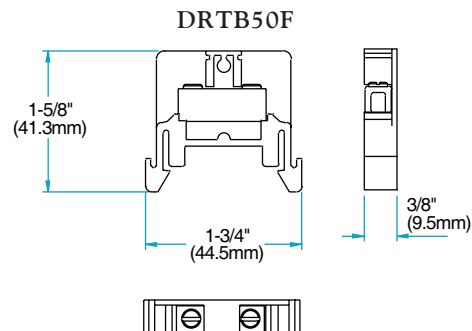
**NEMA 25A FEED THROUGH  
TERMINAL BLOCK (MODULAR)**



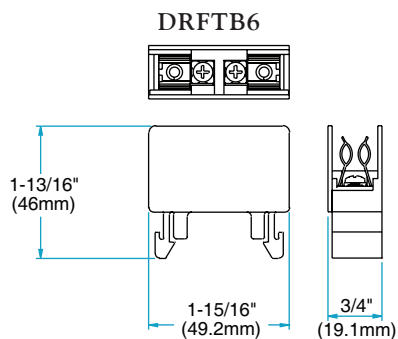
**NEMA 25A FEED THROUGH  
TERMINAL BLOCK (FLAT TOP)**



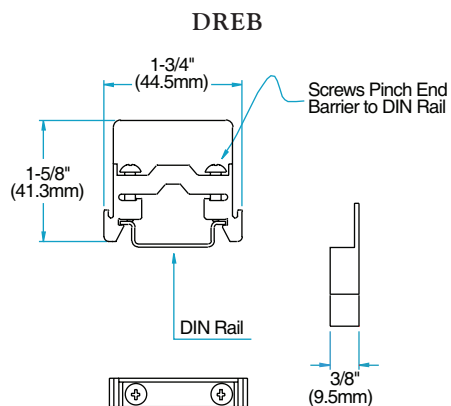
**NEMA 50A FEED THROUGH  
TERMINAL BLOCK (BOX TYPE)**



**NEMA FUSIBLE  
TERMINAL BLOCK**



**NEMA  
END BARRIER**



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TO DOWNLOAD CAD DRAWINGS**