



# Altech Corp.®

Since 1984, Altech Corporation has grown to become a leading supplier of automation and industrial control components. Headquartered in Flemington, NJ, Altech has an experienced staff of engineering, manufacturing and sales personnel to provide the highest quality products with superior service. This is the Altech Commitment!

With experienced Product Engineers and Customer Service personnel, Altech provides solutions to your most pressing application challenges. All with one thought in mind - *to ensure that we solve your problem the first time!*

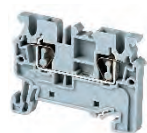


## Altech's Commitment

*Altech's Automation and Control components meet applicable national and international standards, such as UL, NEC, CSA, IEC and VDE. Altech provides these products with superior customer service and delivery through a ISO 9001 Quality Management system, which stresses continuous process improvement. We perform these services with honesty and integrity. All Altech employees are trained in this Quality Management System and are dedicated to achieve these goals. Altech's quality system has been ISO approved since 1999.*



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- Compact design
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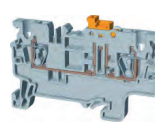
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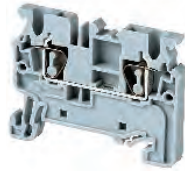
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# CX SERIES

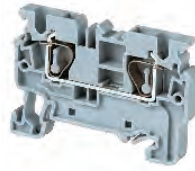
## SPRING TERMINAL BLOCKS

## FEED THROUGH TERMINAL BLOCKS

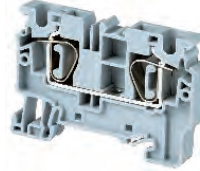
### CX2.5



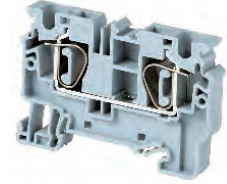
### CX4



### CX6



### CX10



### Dimensions

Width	5 mm	6 mm	8 mm	10 mm
Length	49.7 mm	54.8 mm	67.1 mm	71.7 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	38.0 mm 45.5 mm	38.0 mm 45.5 mm	43.0 mm 50.5 mm
				49.5 mm 57.0 mm

### Technical Data/Ratings

Approvals	 E220514 60947-7-1		 E220514 60947-7-1		 E220514 60947-7-1		 E220514 60947-7-1	
Wire Size (solid / stranded)	24-12 AWG 0.2-2.5 mm <sup>2</sup>		24-10 AWG 0.2-4 mm <sup>2</sup>		24-8 AWG 0.2-6 mm <sup>2</sup>		24-6 AWG 0.2-10 mm <sup>2</sup>	
Voltage Rating	600 V 1000 V		600 V 1000 V		600 V 1000 V		600 V 1000 V	
Current Rating	20 A 24 A		30 A 32 A		50 A 41 A		65 A 57 A	
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

### Installation Instructions

Wire Stripping Length	10 mm	10 mm	10 mm	18 mm
Screwdriver	0.5x3 mm	0.6x3.5 mm	0.8x4 mm	0.8x4 mm

### Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Grey (standard)</b>	<b>CX2.5</b>	100	<b>CX4</b>	100	<b>CX6</b>	100	<b>CX10</b>	50
Red R	CX2.5/R	100	CX4/R	100	CX6/R	100	CX10/R	50
Blue BU	CX2.5/BU	100	CX4/BU	100	CX6/BU	100	CX10/BU	50
Black BL	CX2.5/BL	100	CX4/BL	100	CX6/BL	100	CX10/BL	50
Orange O	CX2.5/O	100	CX4/O	100	CX6/O	100	CX10/O	50
Green G	CX2.5/G	100	CX4/G	100	CX6/G	100	CX10/G	50
Yellow Y	CX2.5/Y	100	CX4/Y	100	CX6/Y	100	CX10/Y	50
White W	CX2.5/W	100	CX4/W	100	CX6/W	100	CX10/W	50

### Accessories

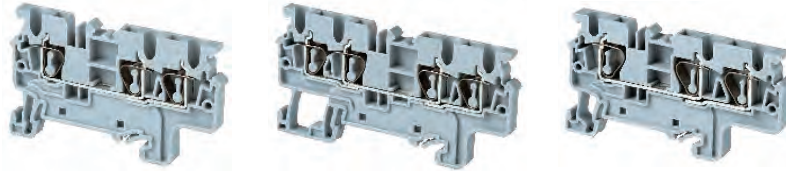
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCX2.5	50	EPCX4	50	EPCX6	50	EPCX10	20
Partition Plate	PPCX4	20	PPCX4	20	PPCX10	20	PPCX10	20
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	2 pole JX2.5/2 3 pole JX2.5/3 4 pole JX2.5/4 10 pole JX2.5/10	100 50 50 10	JX4/2 JX4/3 JX4/4 JX4/10	100 50 50 10	JX6/2 JX6/3 JX6/4 JX6/10	100 50 50 10	JX10/2 JX10/3 JX10/4 JX10/10	20 - - -
Warning Label	WLX2.5	100	WLX4	100	WLX6	100	WLX10	100
Test Plug	TX2.5	50	TX4	50	TX6	50	TX10	50
Marking Tag	MT5	100	MT6	100	MT8	100	MT10	100

MULTIPLE CONNECTION TERMINAL BLOCKS

**CX2.5/3**

**CX2.5/4**

**CX4/3**



**Dimensions**

Width	5 mm	5 mm	6 mm
Length	62.2 mm	74.7 mm	70.5 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	38.0 mm 45.5 mm	38.0 mm 45.5 mm

**Technical Data/Ratings**

Approvals				
Wire Size (solid   stranded)	24-12 AWG   0.2-2.5 mm <sup>2</sup>	24-12 AWG   0.25 mm <sup>2</sup>	24-10 AWG   0.2-4 mm <sup>2</sup>	
Voltage Rating	600 V   1000 V	600 V   1000 V	600 V   1000 V	
Current Rating	20 A   24 A	20 A   24 A	30 A   32 A	
Insulation Material	Polyamide 66			

**Installation Instructions**

Wire Stripping Length	10 mm	10 mm	10 mm
Screwdriver	0.5x3 mm	0.5x3 mm	0.6x3.5 mm

**Terminal Blocks**

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Grey (standard)</b>	<b>CX2.5/3</b>	100	<b>CX2.5/4</b>	50	<b>CX4/3</b>	50
Red R	CX2.5/3/R	100	CX2.5/4/R	50	CX4/3/R	50
Blue BU	CX2.5/3/BU	100	CX2.5/4/BU	50	CX4/3/BU	50
Black BL	CX2.5/3/BL	100	CX2.5/4/BL	50	CX4/3/BL	50
Orange O	CX2.5/3/O	100	CX2.5/4/O	50	CX4/3/O	50
Green G	CX2.5/3/G	100	CX2.5/4/G	50	CX4/3/G	50
Yellow Y	CX2.5/3/Y	100	CX2.5/4/Y	50	CX4/3/Y	50
White W	CX2.5/3/W	100	CX2.5/4/W	50	CX4/3/W	50

**Accessories**

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCX2.5/3	50	EPCX2.5/4	20	EPCX4/3	20
Partition Plate	PPCX4/3	20	PPCX4/4	20	PPCX4/3	20
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	2 pole JX2.5/2 3 pole JX2.5/3 4 pole JX2.5/4 10 pole JX2.5/10	100 50 50 10	2 pole JX2.5/2 3 pole JX2.5/3 4 pole JX2.5/4 10 pole JX2.5/10	100 50 50 10	2 pole JX4/2 3 pole JX4/3 4 pole JX4/4 10 pole JX4/10	100 50 50 10
Warning Label	WLX2.5	100	WLX2.5	100	WLX4	100
Test Plug	TX2.5	50	TX2.5	50	TX4	50
Marking Tag	MT5	100	MT5	100	MT6	100

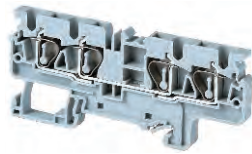
E220514

# CX SERIES

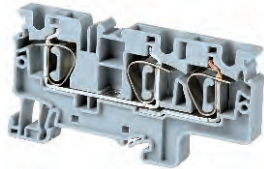
## SPRING TERMINAL BLOCKS

## MULTIPLE CONNECTION TERMINAL BLOCKS

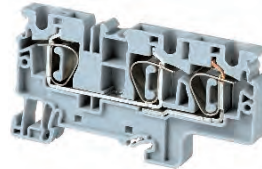
**CX4/4**



**CX6/3**



**CX10/3**



### Dimensions

<b>Width</b>	<b>6 mm</b>	<b>8 mm</b>	<b>10 mm</b>
Length	86.2 mm	82.2 mm	97.0 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	38.0 mm 45.5 mm	43.0 mm 50.5 mm
			49.5 mm 57.0 mm

### Technical Data/Ratings

Approvals						
Wire Size (solid   stranded)	<b>24-10 AWG</b>   0.2-4.0 mm <sup>2</sup>		<b>24-8 AWG</b>   0.2-6 mm <sup>2</sup>		<b>24-6 AWG</b>   0.2-10 mm <sup>2</sup>	
Voltage Rating	600 V   1000 V		600 V   1000 V		600 V   1000 V	
Current Rating	30 A   32 A		50 A   41 A		65 A   57 A	
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

### Installation Instructions

Wire Stripping Length	10 mm	10 mm	18 mm
Screwdriver	0.6X3.5 mm	0.8X4 mm	0.8x4 mm

### Terminal Blocks

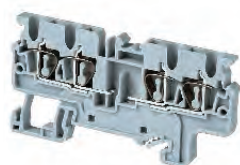
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Grey (standard)</b>	<b>CX4/4</b>	50	<b>CX6/3</b>	50	<b>CX10/3</b>	50
Red R	CX4/4/R	50	CX6/3/R	50	CX10/3/R	50
Blue BU	CX4/4/BU	50	CX6/3/BU	50	CX10/3/BU	50
Black BL	CX4/4/BL	50	CX6/3/BL	50	CX10/3/BL	50
Orange O	CX4/4/O	50	CX6/3/O	50	CX10/3/O	50
Green G	CX4/4/G	50	CX6/3/G	50	CX10/3/G	50
Yellow Y	CX4/4/Y	50	CX6/3/Y	50	CX10/3/Y	50
White W	CX4/4/W	50	CX6/3/W	50	CX10/3/W	50

### Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCX4/4	20	EPCX6/3	20	EPCX10/3	20
Partition Plate	PPCX4/4	20	PPCX10/3	20	PPCX10/3	20
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	2 pole JX4/2 3 pole JX4/3 4 pole JX4/4 10 pole JX4/10	100 50 50 10	JX6/2 JX6/3 JX6/4 JX6/10	100 50 50 10	JX10/2 - - -	20 - - -
Warning Label	WLX4	100	WLX6	100	WLX10	100
Test Plug	TX4	50	TX6	50	TX10	50
Marking Tag	MT6	100	MT8	100	MT10	100

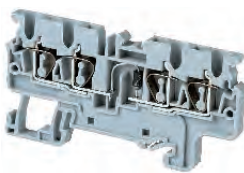
### MULTIPLE CONNECTION TERMINAL BLOCKS

#### CX2.5/4P



CX2.5/4P is a double potential Terminal Block. It allows 2 different voltage potential to be used within the same Terminal Block. One side of the CX2.5/4P can be shorted with the standard JX2.5 series jumpers.

#### CX2.5/4(E)D1



CX2.5/4(E)D1 is a specially designed 4 connection spring Terminal Block. It has a built in Diode (1N4007) for reverse polarity protection and only allows current to flow in one direction.

#### Dimensions

Width	5 mm	5 mm	
Length	74.7 mm	74.7 mm	
Height w/ DIN Rail	35 x 7.5 mm 35 x 15 mm	38.0 mm 45.5 mm	38.0 mm 45.5 mm

#### Technical Data/Ratings

Approvals		
Wire Size (solid   stranded)	24-12 AWG   0.2-2.5 mm <sup>2</sup>	24-12 AWG   0.2-2.5 mm <sup>2</sup>
Voltage Rating	600 V   1000 V	600 V   1000 V
Current Rating	20 A   24 A	20 A   24 A
Insulation Material	Polyamide 66	Polyamide 66

#### Installation Instructions

Wire Stripping Length	10 mm	10 mm
Screwdriver	0.5x3 mm	0.6x3.5 mm

#### Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Grey (standard)</b>	<b>CX2.5/4P</b>	50	<b>CX2.5/4(E)D1</b>	50

#### Accessories

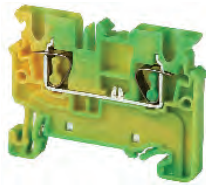
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCX2.5/4	20	EPCX2.5/4	20
Partition Plate	PPCX4/4	20	PPCX4/4	20
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10
Warning Label	WLX2.5	100	WLX2.5	100
Test Plug	TX2.5	50	TX2.5	50
Marking Tag	MT5	100	MT5	100

# CX SERIES

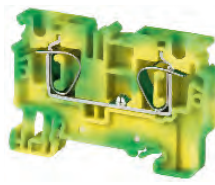
## SPRING TERMINAL BLOCKS

## GROUND / EARTH TERMINAL BLOCKS

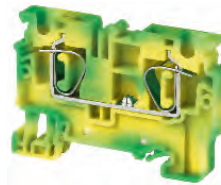
**CXG2.5**



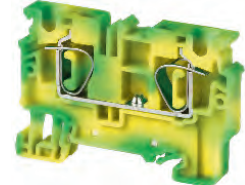
**CXG4**



**CXG6**



**CXG10**



### Dimensions

<b>Width</b>	<b>5 mm</b>	<b>6 mm</b>	<b>8 mm</b>	<b>10 mm</b>
Length	49.7 mm	54.8 mm	62.1 mm	62.1 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	38.0 mm 45.5 mm	38.0 mm 45.5 mm	43.0 mm 50.5 mm

### Technical Data/Ratings

Approvals								
Wire Size (solid   stranded)	<b>24-12 AWG</b>	0.2-2.5 mm <sup>2</sup>	<b>24-10 AWG</b>	0.2-4 mm <sup>2</sup>	<b>24-8 AWG</b>	0.2-6 mm <sup>2</sup>	<b>24-6 AWG</b>	0.2-10 mm <sup>2</sup>
Voltage Rating	600 V	1000 V	600 V	1000 V	600 V	1000 V	600 V	1000 V
Current Rating	–	–	–	–	–	–	–	–
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

### Installation Instructions

Wire Stripping Length	10 mm	10 mm	10 mm	18 mm
Screwdriver	0.5x3 mm	0.6x3.5 mm	0.8x4 mm	0.8x4 mm

### Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Yellow / Green</b>	<b>CXG2.5</b>	100	<b>CXG4</b>	100	<b>CXG6</b>	100	<b>CXG10</b>	50

### Accessories

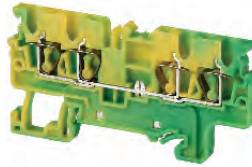
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	
End Plate	EPCX2.5	50	EPCX4	50	EPCX6	50	EPCX10	20	
Partition Plate	PPCX4	20	PPCX4	20	PPCX10	20	PPCX10	20	
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	
Shorting Link/ Jumpers	2 pole 3 pole 4 pole 10 pole	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10	JX4/2 JX4/3 JX4/4 JX4/10	100 50 50 10	JX6/2 JX6/3 JX6/4 JX6/10	100 50 50 10	JX10/2 – – –	20 – – –
Warning Label	WLX2.5	50	WLX4	100	WLX6	100	WLX10	100	
Test Plug	TX2.5	50	TX4	50	TX6	50	TX10	50	
Marking Tag	MT5	100	MT6	100	MT8	100	MT10	100	



**CXG2.5/3**

**CXG2.5/4**

**CXG4/3**



**Dimensions**

Width	5 mm	5 mm	6 mm
Length	62.2 mm	74.7 mm	70.5 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	38.0 mm 45.5 mm	38.0 mm 45.5 mm

**Technical Data/Ratings**

Approvals			
Wire Size (solid   stranded)	<b>24-12 AWG</b>   0.2-2.5 mm <sup>2</sup>	<b>24-12 AWG</b>   0.2-2.5 mm <sup>2</sup>	<b>24-10 AWG</b>   0.2-4 mm <sup>2</sup>
Voltage Rating	600 V   1000 V	600 V   1000 V	600 V   1000 V
Current Rating	-	-	-
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66

**Installation Instructions**

Wire Stripping Length	10 mm	10 mm	10 mm
Screwdriver	0.5x3 mm	0.6x3.5 mm	0.6x3.5 mm

**Terminal Blocks**

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Yellow / Green</b>	<b>CXG2.5/3</b>	100	<b>CXG2.5/4</b>	50	<b>CXG4/3</b>	50

**Accessories**

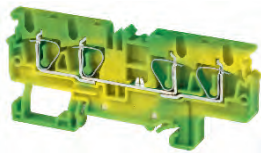
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	
End Plate	EPCX2.5/3	50	EPCX2.5/4	20	EPCX4/3	20	
Partition Plate	PPCX4/3	20	PPCX4/4	20	PPCX4/3	20	
DIN Rail	2511120 CA701-15/S	20 10	2511120 CA701-15/S	20 10	2511120 CA701-15/S	20 10	
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	
Shorting Link/ Jumpers	2 pole 3 pole 4 pole 10 pole	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10	JX4/2 JX4/3 JX4/4 JX4/10	100 50 50 10	JX6/2 JX6/3 JX6/4 JX6/10	100 50 50 10
Warning Label	WLX2.5	100	WLX2.5	100	WLX4	100	
Test Plug	TX2.5	50	TX2.5	50	TX4	50	
Marking Tag	MT5	100	MT5	100	MT6	100	

# CX SERIES

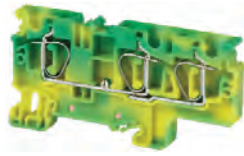
## SPRING TERMINAL BLOCKS

## MULTIPLE CONNECTION GROUND / EARTH TERMINAL BLOCKS

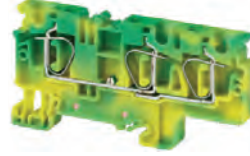
### CXG4/4



### CXG6/3



### CXG10/3



### Dimensions

Width	6 mm	8 mm	10 mm
Length	86.2 mm	82.2 mm	82.2 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	38.0 mm 45.5 mm	43.0 mm 50.5 mm

### Technical Data/Ratings

Approvals						
Wire Size (solid   stranded)	<b>24-10 AWG</b>	0.2-4 mm <sup>2</sup>	<b>24-8 AWG</b>	0.2-6 mm <sup>2</sup>	<b>24-6 AWG</b>	0.2-10 mm <sup>2</sup>
Voltage Rating	600 V	1000 V	600 V	1000 V	600 V	1000 V
Current Rating	-	-	-	-	-	-
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

### Installation Instructions

Wire Stripping Length	10 mm	10 mm	18 mm
Screwdriver	0.6x3.5 mm	0.8x4 mm	0.8x4 mm

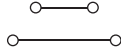
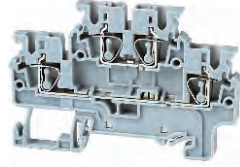
### Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Yellow / Green</b>	<b>CXG4/4</b>	50	<b>CXG6/3</b>	50	<b>CXG10/3</b>	50

### Accessories

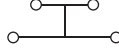
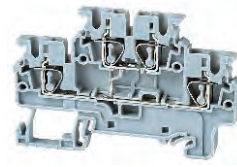
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	
End Plate	EPCX4/4	20	EPCX6/3	20	EPCX10/3	20	
Partition Plate	PPCX4/4	20	-	-	-	-	
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	
Shorting Link/ Jumpers	2 pole 3 pole 4 pole 10 pole	JX4/2 JX4/3 JX4/4 JX4/10	100 50 50 10	JX6/2 JX6/3 JX6/4 JX6/10	100 50 50 10	JX10/2 - - -	100 - - -
Warning Label	WLX4	100	WLX6	100	WLX10	100	
Test Plug	TX4	50	TX6	50	TX10	50	
Marking Tag	MT6	100	MT8	100	MT10	100	

**CXDL2.5**



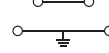
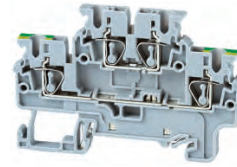
Double Level Terminal with 2 feed through circuits. Jumpers and Marking at both levels.

**CXDL2.5(I.S)**



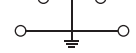
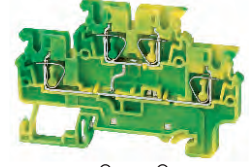
Internally shorted Double Level Terminal for distribution applications.

**CXDLG2.5**



Double Level Terminal with grounding circuit on the lower level and standard feed through at the top level.

**CXDLG2.5(I.S)**



Double Level Ground Terminal Block internally shorted with 4 grounding connections.

**Dimensions**

Width	5 mm	5 mm	5 mm	5 mm
Length	71 mm	71 mm	71 mm	71 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	49.5 mm 57 mm	49.5 mm 57 mm	49.5 mm 57 mm

**Technical Data/Ratings**

Approvals								
Wire Size (solid   stranded)	24-12 AWG   0.2-2.5 mm <sup>2</sup>		24-12 AWG   0.2-2.5 mm <sup>2</sup>		24-12 AWG   0.2-2.5 mm <sup>2</sup>		24-12 AWG   0.2-2.5 mm <sup>2</sup>	
Voltage Rating	600 V   1000 V		600 V   1000 V		600 V   1000 V		600 V   1000 V	
Current Rating	20 A   24 A		20 A   24 A		20 A   24 A		20 A   24 A	
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

**Installation Instructions**

Wire Stripping Length	10 mm	10 mm	10 mm	10 mm
Screwdriver	0.5x3 mm	0.5x3 mm	0.5x3 mm	0.5x3 mm

**Terminal Blocks**

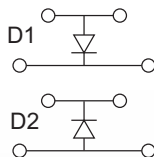
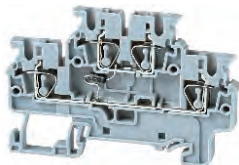
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Grey (standard)</b>	<b>CXDL2.5</b>	50	<b>CXDL2.5(I.S)</b>	50	<b>CXDLG2.5</b>	50	<b>CXDLG2.5(I.S)</b>	50
Red R	CXDL2.5/R	50	CXDL2.5(I.S)/R	50			Yellow / Green	
Blue BU	CXDL2.5/BU	50	CXDL2.5(I.S)/BU	50				
Black BL	CXDL2.5/BL	50	CXDL2.5(I.S)/BL	50				
Orange O	CXDL2.5/O	50	CXDL2.5(I.S)/O	50				
Green G	CXDL2.5/G	50	CXDL2.5(I.S)/G	50				
Yellow Y	CXDL2.5/Y	50	CXDL2.5(I.S)/Y	50				
White W	CXDL2.5/W	50	CXDL2.5(I.S)/W	50				

**Accessories**

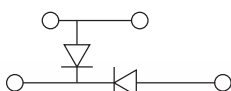
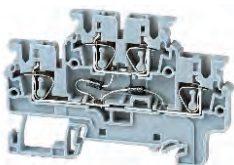
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCXDL2.5	50	EPCXDL2.5	50	EPCXDL2.5	50	EPCXDL2.5	50
Partition Plate	-	-	-	-	-	-	-	-
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	2 pole 3 pole 4 pole 10 pole	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10
Warning Label	WLX2.5	100	WLX2.5	100	WLX2.5	100	WLX2.5	100
Test Plug	TX2.5	50	TX2.5	50	TX2.5	50	TX2.5	50
Marking Tag	MT5	100	MT5	100	MT5	100	MT5	100

These are electronic series spring clamp double level Terminal Blocks with built in diodes and LED. The built in diode acts as a free wheeling diode which is connected across the inductive load such as relay coils, solenoid valves, contractor coils to eliminate or suppress sudden voltage spike which appears across the load when its supply voltage is removed.

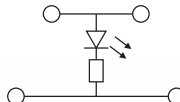
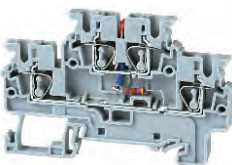
### CXDL2.5(E)D1/D2



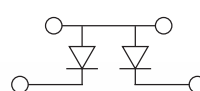
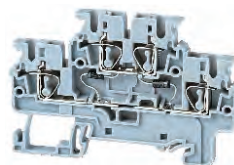
### CXDL2.5(E)DD1



### CXDL2.5(E)LD1



### CXDL2.5(E)DD2



### Dimensions

Width	5 mm	5 mm	5 mm	5 mm
Length	71 mm	71 mm	71 mm	71 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	49.5 mm 57.0 mm	49.5 mm 57.0 mm	49.5 mm 57.0 mm

### Technical Data/Ratings

Approvals								
Wire Size (solid   stranded)	24-12 AWG	0.2-2.5 mm <sup>2</sup>	24-12 AWG	0.2-2.5 mm <sup>2</sup>	24-12 AWG	0.2-2.5 mm <sup>2</sup>	24-12 AWG	0.2-2.5 mm <sup>2</sup>
Voltage Rating	600 V	1000 V	600 V	1000 V	600 V	1000 V	600 V	1000 V
Current Rating	20 A	24 A	20 A	24 A	20 A	24 A	20 A	24 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

### Installation Instructions

Wire Stripping Length	10 mm	10 mm	10 mm	10 mm
Screwdriver	0.5x3 mm	0.5x3 mm	0.5x3 mm	0.5x3 mm

### Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	CXDL2.5(E)D1	50	CXDL2.5(E)DD1	50	CXDL2.5(E)LD1	50	CXDL2.5(E)DD2	50
	CXDL2.5(E)D2	50						

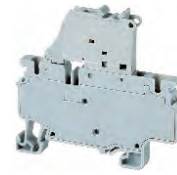
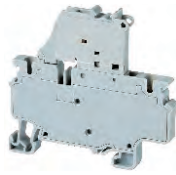
### Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCXDL2.5	50	EPCXDL2.5	50	EPCXDL2.5	50	EPCXDL2.5	50
Partition Plate	-	-	-	-	-	-	-	-
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	2 pole 3 pole 4 pole 10 pole	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10
Warning Label	WLX2.5	100	WLX2.5	100	WLX2.5	100	WLX2.5	100
Test Plug	TX2.5	50	TX2.5	50	TX2.5	50	TX2.5	50
Marking Tag	MT5	100	MT5	100	MT5	100	MT5	100

**CXF4**

**CXF4(L)6-60V**

**CXF4(L)110-240V**



**Dimensions**

Width	6 mm	6 mm	6 mm
Length	65.4 mm	65.4 mm	65.4 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	61.3 mm 68.8 mm	61.3 mm 68.8 mm

**Technical Data/Ratings**

Approvals						
Wire Size (solid   stranded)	<b>24-10 AWG</b>	0.2-4 mm <sup>2</sup>	<b>24-10 AWG</b>	0.2-4 mm <sup>2</sup>	<b>24-10 AWG</b>	0.2-4 mm <sup>2</sup>
Voltage Rating	600 V	1000 V	600 V	1000 V	600 V	1000 V
Current Rating	10 A	10 A	10 A	10 A	10 A	10 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

**Fuse Specifications**

Fuse Type	<b>5x20 mm</b>	<b>5x20 mm</b>	<b>5x20 mm</b>
LED Indicator Voltage	-	<b>6-60V AC/DC</b>	<b>110-240V AC/DC</b>

**Installation Instructions**

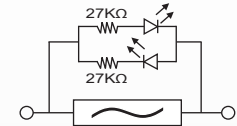
Wire Stripping Length	10 mm	10 mm	10 mm
Screwdriver	0.6x3.5 mm	0.6x3.5 mm	0.6x3.5 mm

**Terminal Blocks**

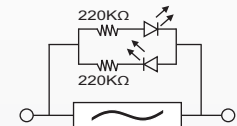
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Grey (standard)</b>	<b>CXF4</b>	50	<b>CXF4(L)6-60V</b>	50	<b>CXF(L)110-240V</b>	50
Blue BU	CXF4/BU	50	CXF4(L)6-60V/BU	50	CXF4(L)110-240V/BU	50
Black BL	CXF4/BL	50	CXF4(L)6-60V/BL	50	CXF4(L)110-240V/BL	50

**Accessories**

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	-	-	-	-	-	-
Partition Plate	PPCX4/3	20	PPCX4/3	20	PPCX4/3	20
DIN Rail	2511120 CA701-15/S	20 10	2511120 CA701-15/S	20 10	2511120 CA701-15/S	20 10
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	2 pole JX4/2 3 pole JX4/3 4 pole JX4/4 10 pole JX4/10	100 50 50 10	JX4/2 JX4/3 JX4/4 JX4/10	100 50 50 10	JX4/2 JX4/3 JX4/4 JX4/10	100 50 50 10
Warning Label	WLX4	100	WLX4	100	WLX4	100
Test Plug	TX4	50	TX4	50	TX4	50
Marking Tag	MT6	100	MT6	100	MT6	100



LED Circuit for offline indication in CXF4L6-60V



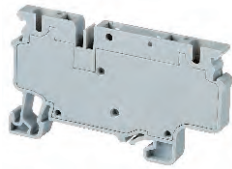
LED Circuit for offline indication in CXF4L110-240V

# CX SERIES

## SPRING TERMINAL BLOCKS

## COMPONENT CARRIER TERMINAL BLOCKS

**CXCC4**



**CPD1**



**CPF**



**CPF(L)**



### Dimensions

Width	6 mm	6 mm	6 mm	6 mm
Length	65.4 mm	28 mm	28 mm	28 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	61.3 mm 68.8 mm		

### Technical Data/Ratings

Approvals	 E220514 60947-7-1		 E220514 60947-7-1		 E220514 60947-7-1		 E220514 60947-7-1	
Wire Size (solid   stranded)	<b>24-10 AWG</b>	0.2-4 mm <sup>2</sup>	<b>24-10 AWG</b>	0.2-4 mm <sup>2</sup>	<b>24-10 AWG</b>	0.2-4 mm <sup>2</sup>	<b>24-10 AWG</b>	0.2-4 mm <sup>2</sup>
Voltage Rating	600 V	1000 V	600 V	1000 V	600 V	1000 V	600 V	1000 V
Current Rating	35 A	32 A	10 A	10 A	10 A	10 A	10 A	10 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

### Carrier Specifications

Component Type	<b>Component carrier base</b>	<b>Plug module with diode</b>	<b>Plug module for 5x20 mm fuse</b>	<b>Plug module for 5x20 mm fuse with LED indicator</b>
LED Indicator Voltage	-	-	-	<b>6-60V AC/DC</b> <b>110-240V AC/DC</b>

### Installation Instructions

Wire Stripping Length	10 mm	10 mm	10 mm	10 mm
Screwdriver	0.6x3.5 mm	0.6x3.5 mm	0.6x3.5 mm	0.6x3.5 mm

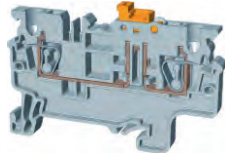
### Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Grey (standard)</b>	<b>CXCC4</b>	50	<b>CPD1</b>	50	<b>CPF</b>	50	<b>CPF(L)6-60V</b>	50
							<b>CPF(L)110-240V</b>	50

### Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	-	-	-	-	-	-	-	-
Partition Plate	-	-	-	-	-	-	-	-
DIN Rail	2511120 CA701-15/S	20 10	-	-	-	-	-	-
End Stop	CA702 CA802 CA103	50 50 50	-	-	-	-	-	-
Shorting Link/ Jumpers	2 pole 3 pole 4 pole 10 pole	JX4/2 JX4/3 JX4/4 JX4/10	100 50 50 10	-	-	-	-	-
Warning Label	SWL4	50	-	-	-	-	-	-
Test Plug	TX4	50	-	-	-	-	-	-
Marking Tag	MT6	100	MT6	100	MT6	100	MT6	100

**CXK2.5**



**Dimensions**

Width	5 mm	
Length	62.2 mm	
Height w DIN Rail	35 x 7.5 mm	38 mm
	35 x 15 mm	45.5 mm

**Technical Data/Ratings**

Approvals			
Wire Size (solid   stranded)	<b>24-12 AWG</b>		0.2-2.5 mm <sup>2</sup>
Voltage Rating	600 V	1000 V	
Current Rating	20A	22A	
Insulation Material	Polyamide 66		

**Installation Instructions**

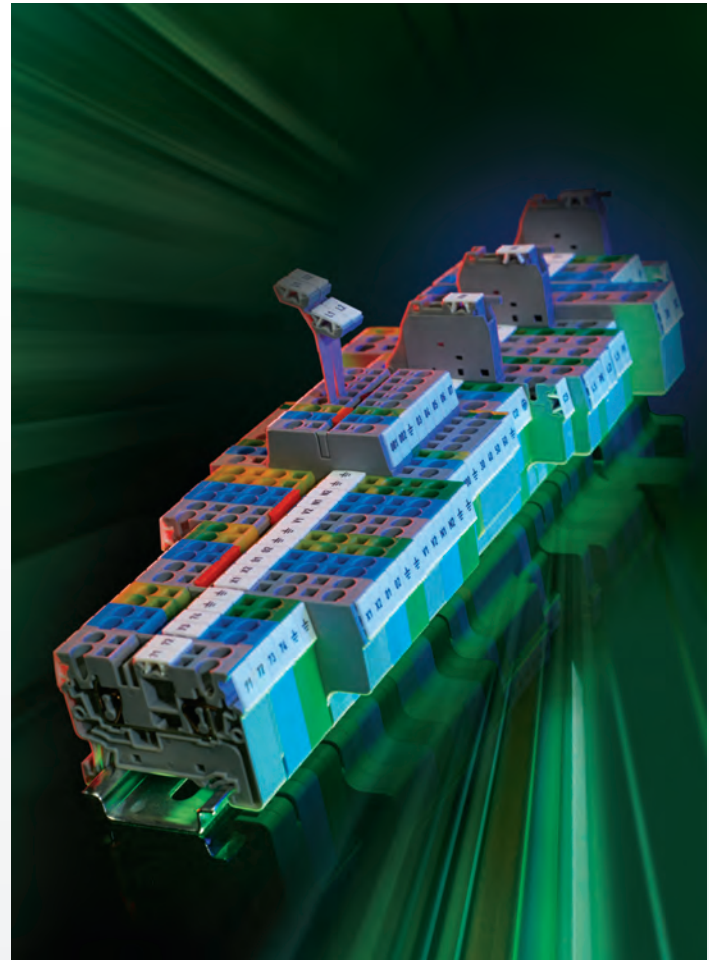
Wire Stripping Length	10 mm
Screwdriver	0.5x3 mm

**Terminal Blocks**

	Cat. No.	Std. Pk.
<b>Grey (standard)</b>	<b>CXK2.5</b>	50
Red R	CXK2.5/R	50
Blue BU	CXK2.5/BU	50
Black BL	CXK2.5/BL	50
Orange O	CXK2.5/O	50
Green G	CXK2.5/G	50
Yellow Y	CXK2.5/Y	50
White W	CXK2.5/W	50

**Accessories**

	Cat. No.	Std. Pk.
End Plate	EPCX2.5/3	50
Partition Plate	PPCX4/3	20
DIN Rail	2511120	20
	CA701-15/S	10
End Stop	CA702	50
	CA802	50
	CA103	50
Shorting Link/ Jumpers	2 pole JX2.5/2	100
	3 pole JX2.5/3	50
	4 pole JX2.5/4	50
	10 pole JX2.5/10	10
Warning Label	WLX2.5	100
Test Plug	TX2.5	50
Marking Tag	MT5	100



*Assembly example.*

# CX SERIES

## SPRING TERMINAL BLOCKS

## SIDE ENTRY FEED THROUGH TERMINAL BLOCKS

**CXS2.5**



**CXSG2.5**



### Dimensions

	CXS2.5	CXSG2.5
Width	5 mm	5 mm
Length	43 mm	43 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	43.5 mm 51 mm

### GROUND TYPE

### Technical Data/Ratings

Approvals		
Wire Size (solid   stranded)	24-12 AWG   0.2-2.5 mm <sup>2</sup>	24-12 AWG   0.2-2.5 mm <sup>2</sup>
Voltage Rating	600 V   1000 V	600 V   1000 V
Current Rating	20A   24A	–   –
Insulation Material	Polyamide 66	Polyamide 66

### Installation Instructions

Wire Stripping Length	10 mm	10 mm
Screwdriver	0.5x3 mm	0.5x3 mm

### Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Grey (standard)</b>	<b>CXS2.5</b>	50	<b>CXSG2.5</b>	50
Red R	CXS2.5/R	50	Yellow / Green	
Blue BU	CXS2.5/BU	50		
Black BL	CXS2.5/BL	50		
Orange O	CXS2.5/O	50		
Green G	CXS2.5/G	50		
Yellow Y	CXS2.5/Y	50		
White W	CXS2.5/W	50		

### Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCXS2.5	50	EPCXS2.5	50
Partition Plate	–	–	–	–
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	2 pole JX2.5/2 3 pole JX2.5/3 4 pole JX2.5/4 10 pole JX2.5/10	100 50 50 10	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10
Warning Label	WLX2.5	100	WL2.5	100
Test Plug	TX2.5	50	TX2.5	50
Marking Tag	MT5	100	MT5	100



**CM1.5S**



**CM1.5S2**



**CM2.5S**



**CM2.5S2**



**Dimensions**

Width	5 mm	8 mm	6 mm	6 mm
Length	26.5 mm	26.5 mm	30 mm	30 mm
Height (Panel Mount)	18.0 mm	18.0 mm	20.0 mm	20.0 mm

**Technical Data/Ratings**

Approvals								
Wire Size (solid / stranded)	24-16 AWG	0.2-1.5 mm <sup>2</sup>	24-16 AWG	0.2-1.5 mm <sup>2</sup>	22-12 AWG	0.2-2.5 mm <sup>2</sup>	22-12 AWG	0.2-2.5 mm <sup>2</sup>
Voltage Rating	300 V	800 V	300 V	800 V	300 V	800 V	300 V	800 V
Current Rating	10 A	17 A	10 A	17 A	20 A	24 A	20 A	24 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

**Installation Instructions**

Wire Stripping Length	8 mm	8 mm	8 mm	8 mm
Screwdriver	0.5x3 mm	0.5x3 mm	0.5x3 mm	0.5x3 mm

**Terminal Blocks**

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
<b>Grey (standard)</b>	<b>CM1.5S</b>	100	<b>CM1.5S2</b>	100	<b>CM2.5S</b>	100	<b>CM2.5S2</b>	100
Red R	CM1.5S/R	100	CM1.5S2/R	100	CM2.5S/R	100	CM2.5S2/R	100
Blue BU	CM1.5S/BU	100	CM1.5S2/BU	100	CM2.5S/BU	100	CM2.5S2/BU	100
Black BL	CM1.5S/BL	100	CM1.5S2/BL	100	CM2.5S/BL	100	CM2.5S2/BL	100
Orange O	CM1.5S/O	100	CM1.5S2/O	100	CM2.5S/O	100	CM2.5S2/O	100
Green G	CM1.5S/G	100	CM1.5S2/G	100	CM2.5S/G	100	CM2.5S2/G	100
Yellow Y	CM1.5S/Y	100	CM1.5S2/Y	100	CM2.5S/Y	100	CM2.5S2/Y	100
White W	CM1.5S/W	100	CM1.5S2/W	100	CM2.5S/W	100	CM2.5S2/W	100

**Accessories**

End Plate	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
	EPCM1.5S	50	EPCM1.5S	50	EPCM2.5S	50	EPCM2.5S	50
Marking Tag	MT4	100	MT4	100	MT4	100	MT4	100



Cat. No.	Page	Cat. No.	Page	Cat. No.	Page	Cat. No.	Page
CM1.5S	17	CX10/R	4	CX4/G	4	CXDLG2.5/G	11
CM1.5S/BL	17	CX10/W	4	CX4/O	4	CXDLG2.5/O	11
CM1.5S/BU	17	CX10/Y	4	CX4/R	4	CXDLG2.5/R	11
CM1.5S/G	17	CX10BL	4	CX4/W	4	CXDLG2.5/W	11
CM1.5S/O	17	CX2.5	4	CX4/Y	4	CXDLG2.5/Y	11
CM1.5S/R	17	CX2.5/3	5	CX4BL	4	CXF(L)110-240V	13
CM1.5S/W	17	CX2.5/3/BU	5	CX6	4	CXF4	13
CM1.5S/Y	17	CX2.5/3/G	5	CX6/3	6	CXF4(L)110-240V/BL	13
CM1.5S2	17	CX2.5/3/O	5	CX6/3/BL	6	CXF4(L)110-240V/BU	13
CM1.5S2/BL	17	CX2.5/3/R	5	CX6/3/BU	6	CXF4(L)6-60V	13
CM1.5S2/BU	17	CX2.5/3/Y	5	CX6/3/G	6	CXF4(L)6-60V/BL	13
CM1.5S2/G	17	CX2.5/4	5	CX6/3/O	6	CXF4(L)6-60V/BU	13
CM1.5S2/O	17	CX2.5/4(E)D1	7	CX6/3/R	6	CXF4/BL	13
CM1.5S2/R	17	CX2.5/4/BL	5	CX6/3/W	6	CXF4/BU	13
CM1.5S2/W	17	CX2.5/4/BU	5	CX6/3/Y	6	CXG10	8
CM1.5S2/Y	17	CX2.5/4/G	5	CX6/BU	4	CXG10/3	10
CM2.5S	17	CX2.5/4/O	5	CX6/G	4	CXG2.5	8
CM2.5S/BL	17	CX2.5/4/R	5	CX6/O	4	CXG2.5/3	9
CM2.5S/BU	17	CX2.5/4/W	5	CX6/R	4	CXG2.5/4	9
CM2.5S/G	17	CX2.5/4/Y	5	CX6/W	4	CXG4	8
CM2.5S/O	17	CX2.5/4P	7	CX6/Y	4	CXG4/3	9
CM2.5S/R	17	CX2.5/BU	4	CX6BL	4	CXG4/4	10
CM2.5S/W	17	CX2.5/G	4	CXCC4	14	CXG6	8
CM2.5S/Y	17	CX2.5/O	4	CXDL2.5	11	CXG6/3	10
CM2.5S2	17	CX2.5/R	4	CXDL2.5(E)D1	12	CXK2.5	15
CM2.5S2/BL	17	CX2.5/W	4	CXDL2.5(E)D2	12	CXK2.5/BL	15
CM2.5S2/BU	17	CX2.5/Y	4	CXDL2.5(E)DD1	12	CXK2.5/BU	15
CM2.5S2/G	17	CX2.53/W	5	CXDL2.5(E)DD2	12	CXK2.5/G	15
CM2.5S2/O	17	CX2.53/BL	5	CXDL2.5(E)LD1	12	CXK2.5/O	15
CM2.5S2/R	17	CX2.5BL	4	CXDL2.5(I.S)	11	CXK2.5/R	15
CM2.5S2/W	17	CX4	4	CXDL2.5(I.S)/BL	11	CXK2.5/W	15
CM2.5S2/Y	17	CX4/3	5	CXDL2.5(I.S)/BU	11	CXK2.5/Y	15
CPD1	14	CX4/3/BL	5	CXDL2.5(I.S)/G	11	CXS2.5	16
CPF	14	CX4/3/BU	5	CXDL2.5(I.S)/O	11	CXS2.5/BL	16
CPF(L)110-240V	14	CX4/3/G	5	CXDL2.5(I.S)/R	11	CXS2.5/BU	16
CPF(L)6-60V	14	CX4/3/O	5	CXDL2.5(I.S)/W	11	CXS2.5/G	16
CX10	4	CX4/3/R	5	CXDL2.5(I.S)/Y	11	CXS2.5/O	16
CX10/3	6	CX4/3/W	5	CXDL2.5/BU	11	CXS2.5/R	16
CX10/3/BU	6	CX4/3/Y	5	CXDL2.5/G	11	CXS2.5/W	16
CX10/3/G	6	CX4/4	6	CXDL2.5/O	11	CXS2.5/Y	16
CX10/3/O	6	CX4/4/BU	6	CXDL2.5/R	11	CXSG2.5	16
CX10/3/R	6	CX4/4/G	6	CXDL2.5/W	11		
CX10/3/W	6	CX4/4/O	6	CXDL2.5/Y	11		
CX10/3/Y	6	CX4/4/R	6	CXDL2.5BL	11		
CX10/3BL	6	CX4/4/W	6	CXDLG2.5	11		
CX10/BU	4	CX4/4/Y	6	CXDLG2.5(I.S)	11		
CX10/G	4	CX4/4BL	6	CXDLG2.5/BL	11		
CX10/O	4	CX4/BU	4	CXDLG2.5/BU	11		

**Circuit Protection Devices**



Altech the market leader in UL508 Manual Motor Controllers/ Miniature Circuit Breakers now introduces UL489 Miniature Circuit Breakers and UL1077 Supplementary Protectors. The UL489 versions are DIN rail mounted, 17.5mm wide, thermal magnetic, 240V, 480Y/277V AC, 50/60Hz, 125 and 250 VDC models, with short circuit interrupt capacity of 10kA, a positive trip indicator, and are line/load reversible. The UL1077 versions are DIN rail mounted, 17.5mm wide, thermal magnetic, 480Y/277V AC, 50/60Hz, a short circuit withstand capacity 10kA, have a positive trip indicator.

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**Motor Disconnect Switches**



Altech's line of Motor Disconnect Switches are UL 508 listed as Manual Motor Controllers for AC Motor Starting Across-the-line and AC General use. This new 16 page catalog includes the 3 different handle designs, which are all available in gray/black or yellow/red housings. Electrical ratings are 25-150A / 600V. The switches are non-fused DIN Rail mountable. Neat features include: snap-on auxiliary switches, door mounting kit and a retrofit 30A fuse holder. Also featured are Enclosed Motor Disconnect Switches & Fused Enclosed Motor Disconnect Switch (30A) in plastic or stainless housings.

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