

Altech Corp.®

Serving the Automation & Control Industry since 1984



ISO 9001
QMI-SAI Global

NEW



CX SERIES

**DIN Rail and Panel Mount
Spring Terminal Blocks**

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!*

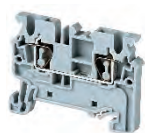


Altech's Commitment

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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- 2, 3, 4, 10 pole plug-in jumpers
- Compact design
- Wide wire range

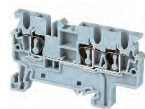
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- 3, 4 connection Terminal Blocks
- Double Potential Terminal Block

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- Various plug in modules
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- Plug for 5x20mm fuse

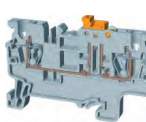
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GROUND / EARTH TERMINAL BLOCKS

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MULTIPLE CONNECTION GROUND / EARTH TERMINAL BLOCKS

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TERMINAL BLOCKS WITH ELECTRONIC COMPONENTS

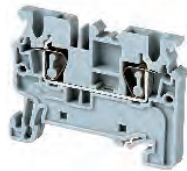
- Built in diodes and LEDs

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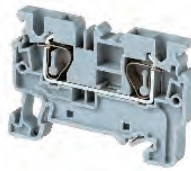
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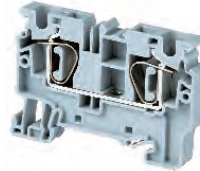
CX2.5



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	38.0 mm	43.0 mm	49.5 mm
	35 x 15 mm	45.5 mm	50.5 mm	57.0 mm

Technical Data/Ratings

Approvals				
Wire Size (solid / stranded)	24-12 AWG 0.2-2.5 mm ²	24-10 AWG 0.2-4 mm ²	24-8 AWG 0.2-6 mm ²	24-6 AWG 0.2-10 mm ²
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

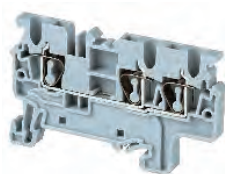
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Grey (standard)	CX2.5	100	CX4	100	CX6	100	CX10	50
Red R	CX2.5/R	100	CX4/R	100	CX6/R	100	CX10/R	50
Blue BU	CX2.5/BU	100	CX4/BU	100	CX6/BU	100	CX10/BU	50
Black BL	CX2.5BL	100	CX4BL	100	CX6BL	100	CX10BL	50
Orange O	CX2.5/O	100	CX4/O	100	CX6/O	100	CX10/O	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

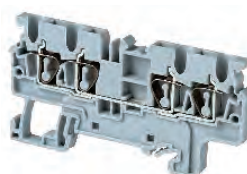
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End Plate	EPCX2.5	50	EPCX4	50	EPCX6	50	EPCX10	20
Partition Plate	PPCX4	20	PPCX4	20	PPCX10	20	PPCX10	20
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	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

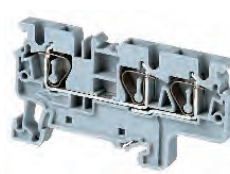
CX2.5/3



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 ²	24-12 AWG 0.2-2.5 mm ²	24-10 AWG 0.2-4 mm ²
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	Polyamide 66	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.
Grey (standard)	CX2.5/3	100	CX2.5/4	50	CX4/3	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	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	JX4/2 JX4/3 JX4/4 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

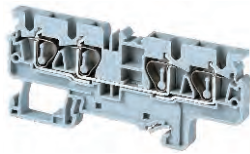
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CX SERIES

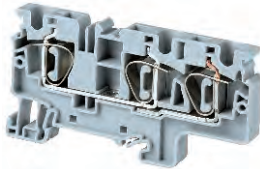
SPRING TERMINAL BLOCKS

MULTIPLE CONNECTION TERMINAL BLOCKS

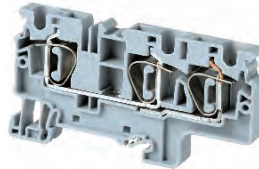
CX4/4



CX6/3



CX10/3



Dimensions

Width	6 mm	8 mm	10 mm
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)	24-10 AWG 0.2-4.0 mm ²	24-8 AWG 0.2-6 mm ²	24-6 AWG 0.2-10 mm ²
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.
Grey (standard)	CX4/4	50	CX6/3	50	CX10/3	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	2 pole JX6/2 3 pole JX6/3 4 pole JX6/4 10 pole JX6/10	100 50 50 10	2 pole JX10/2 3 pole - 4 pole - 10 pole -	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

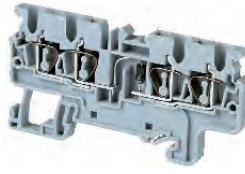
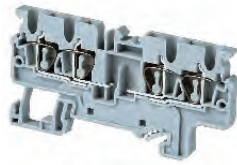
MULTIPLE CONNECTION TERMINAL BLOCKS

CX SERIES

SPRING TERMINAL BLOCKS

CX2.5/4P

CX2.5/4(E)D1



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 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

Technical Data/Ratings

Approvals		
Wire Size (solid stranded)	24-12 AWG	0.2-2.5 mm ²
Voltage Rating	600 V	1000 V
Current Rating	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

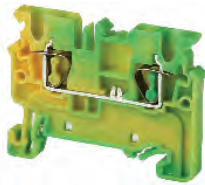
Terminal Blocks

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

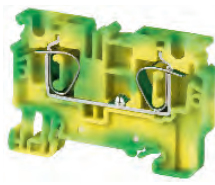
Accessories

	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

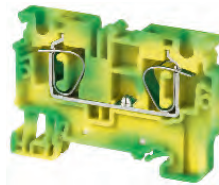
CXG2.5



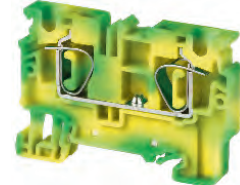
CXG4



CXG6



CXG10



Dimensions

Width	5 mm	6 mm	8 mm	10 mm
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)	24-12 AWG 0.2-2.5 mm ²	24-10 AWG 0.2-4 mm ²	24-8 AWG 0.2-6 mm ²	24-6 AWG 0.2-10 mm ²
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

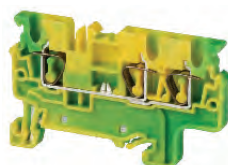
Terminal Blocks

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

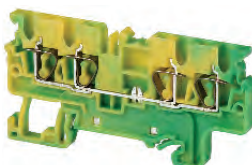
Accessories

	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 — — —	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

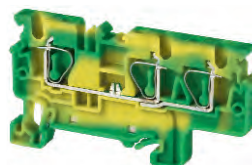
CXG2.5/3



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)	24-12 AWG	0.2-2.5 mm²	24-12 AWG	0.2-2.5 mm²	24-10 AWG	0.2-4 mm²
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.
Yellow / Green	CXG2.5/3	100	CXG2.5/4	50	CXG4/3	50

Accessories

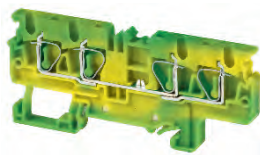
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCX2.5/3	50	EPCX2.5/4	20	EPCX4/3	20
Partition Plate	PPCX4/3	20	PPCX4/4	20	PPCX4/3	20
DIN Rail	2511120 CA701-15/S	20 10	2511120 CA701-15/S	20 10	2511120 CA701-15/S	20 10
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	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

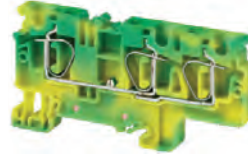
CXG4/4



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)	24-10 AWG 0.2-4 mm ²	24-8 AWG 0.2-6 mm ²	24-6 AWG 0.2-10 mm ²
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

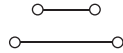
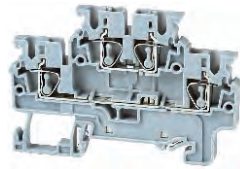
Terminal Blocks

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

Accessories

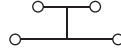
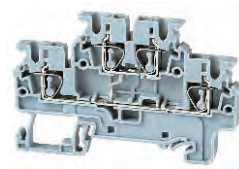
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCX4/4	20	EPCX6/3	20	EPCX10/3	20
Partition Plate	PPCX4/4	20	—	—	—	—
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	2 pole JX4/2 3 pole JX4/3 4 pole JX4/4 10 pole JX4/10	100 50 50 10	2 pole JX6/2 3 pole JX6/3 4 pole JX6/4 10 pole JX6/10	100 50 50 10	2 pole JX10/2 3 pole — 4 pole — 10 pole —	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



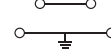
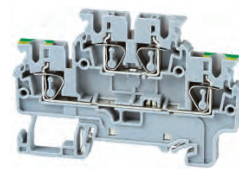
Double Level Terminal with 2 feed through circuits. Jumpers and Marking at both levels.

CXDL2.5(I.S)



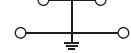
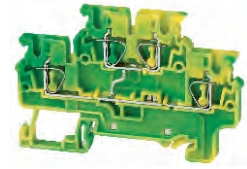
Internally shorted Double Level Terminal for distribution applications.

CXDLG2.5



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

CXDLG2.5(I.S)

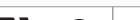


Double Level Ground Terminal Block internally shorted with 4 grounding connections.

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 ²	24-12 AWG	0.2-2.5 mm ²	24-12 AWG	0.2-2.5 mm ²
Voltage Rating	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
Insulation Material	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

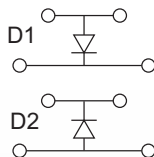
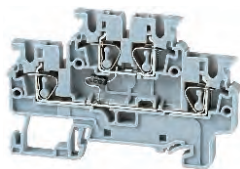
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	CXDL2.5	50	CXDL2.5(I.S)	50	CXDLG2.5	50	CXDLG2.5(I.S)	50
Red R	CXDL2.5/R	50	CXDL2.5(I.S)/R	50			Yellow / Green	
Blue BU	CXDL2.5/BU	50	CXDL2.5(I.S)/BU	50				
Black BL	CXDL2.5/BL	50	CXDL2.5(I.S)/BL	50				
Orange O	CXDL2.5/O	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

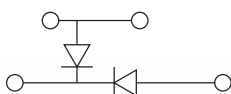
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCXDL2.5	50	EPCXDL2.5	50	EPCXDL2.5	50	EPCXDL2.5	50
Partition Plate	—	—	—	—	—	—	—	—
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	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 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	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	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.

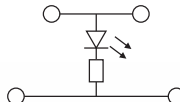
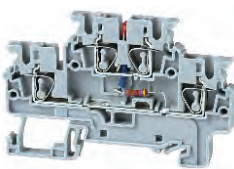
CXDL2.5(E)D1/D2



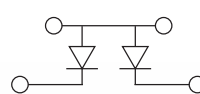
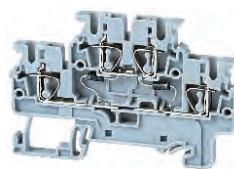
CXDL2.5(E)DD1



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	CE, UL, E220514, 60947-7-1	UL, E220514, 60947-7-1	UL, E220514, 60947-7-1	UL, E220514, 60947-7-1
Wire Size (solid stranded)	24-12 AWG 0.2-2.5 mm ²	24-12 AWG 0.2-2.5 mm ²	24-12 AWG 0.2-2.5 mm ²	24-12 AWG 0.2-2.5 mm ²
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						

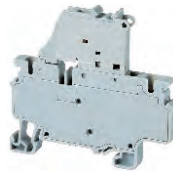
Accessories

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	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

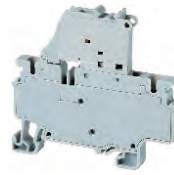
CXF4



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)	24-10 AWG	0.2-4 mm ²	24-10 AWG	0.2-4 mm ²	24-10 AWG	0.2-4 mm ²
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	5x20 mm	5x20 mm	5x20 mm
LED Indicator Voltage	—	6-60V AC/DC	110-240V AC/DC

Installation Instructions

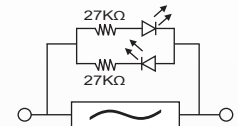
Wire Stripping Length	10 mm	10 mm	10 mm
Screwdriver	0.6x3.5 mm	0.6x3.5 mm	0.6x3.5 mm

Terminal Blocks

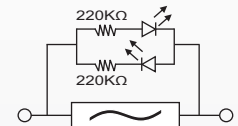
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	CXF4	50	CXF4(L)6-60V	50	CXF(L)110-240V	50
Blue BU	CXF4/BU	50	CXF4(L)6-60V/BU	50	CXF4(L)110-240V/BU	50
Black BL	CXF4/BL	50	CXF4(L)6-60V/BL	50	CXF4(L)110-240V/BL	50

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 3 pole 4 pole 10 pole 	JX4/2 JX4/3 JX4/4 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



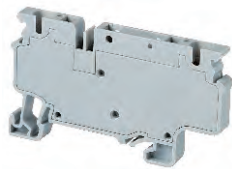
LED Circuit for offline indication in CXF4L110-240V

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	  	  	  	  	  			
Wire Size (solid stranded)	24-10 AWG	0.2-4 mm ²	24-10 AWG	0.2-4 mm ²	24-10 AWG	0.2-4 mm ²	24-10 AWG	0.2-4 mm ²
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	Component carrier base	Plug module with diode	Plug module for 5x20 mm fuse	Plug module for 5x20 mm fuse with LED indicator
LED Indicator Voltage	—	—	—	6-60V AC/DC 110-240V AC/DC

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

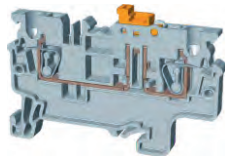
Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	CXCC4	50	CPD1	50	CPF	50	CPF(L)6-60V CPF(L)110-240V	50 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 35 x 15 mm
	38 mm 45.5 mm

Technical Data/Ratings

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

Installation Instructions

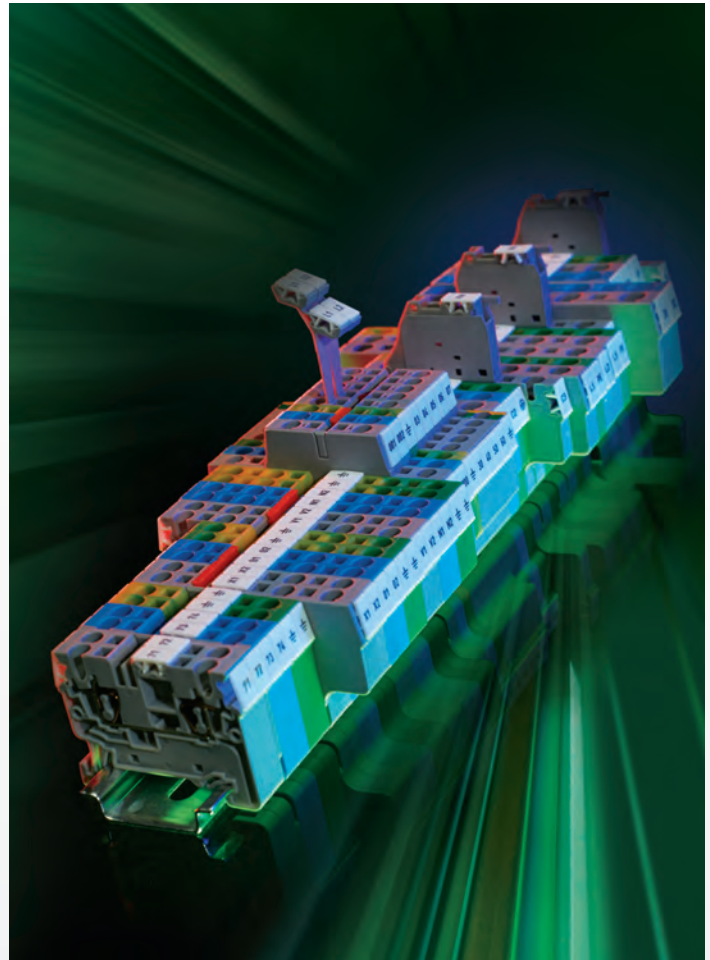
Wire Stripping Length	10 mm
Screwdriver	0.5x3 mm

Terminal Blocks

	Cat. No.	Std. Pk.
Grey (standard)	CXK2.5	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 CA701-15/S	20 10
End Stop	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
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

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 ²
Voltage Rating	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.
Grey (standard)	CXS2.5	50	CXSG2.5	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	20	2511120	20
	CA701-15/S	20	CA701-15/S	20
End Stop	CA702	50	CA702	50
	CA802	50	CA802	50
	CA103	50	CA103	50
Shorting Link/ Jumpers	JX2.5/2	100	JX2.5/2	100
	JX2.5/3	50	JX2.5/3	50
	JX2.5/4	50	JX2.5/4	50
	JX2.5/10	10	JX2.5/10	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	CE, UL, TUV, RoHS	UL, IEC, RoHS	UL, IEC, RoHS	UL, IEC, RoHS	UL, IEC, RoHS	UL, IEC, RoHS	UL, IEC, RoHS
Wire Size (solid / stranded)	24-16 AWG, 0.2-1.5 mm ²	24-16 AWG, 0.2-1.5 mm ²	22-12 AWG, 0.2-2.5 mm ²	22-12 AWG, 0.2-2.5 mm ²	22-12 AWG, 0.2-2.5 mm ²	22-12 AWG, 0.2-2.5 mm ²	22-12 AWG, 0.2-2.5 mm ²
Voltage Rating	300 V, 800 V	300 V, 800 V	300 V, 800 V	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	20 A, 24 A	20 A, 24 A	20 A, 24 A
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66	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.
Grey (standard)	CM1.5S	100	CM1.5S2	100	CM2.5S	100	CM2.5S2	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

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	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
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CM2.5S/G.....	17	CX2.5/4/Y.....	5	CX6/W.....	4	CXG4.....	8
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CX10/G.....	4	CX4/4BL.....	6	CXDLG2.5/BL.....	11		
CX10/O.....	4	CX4/BU.....	4	CXDLG2.5/BU.....	11		

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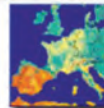
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