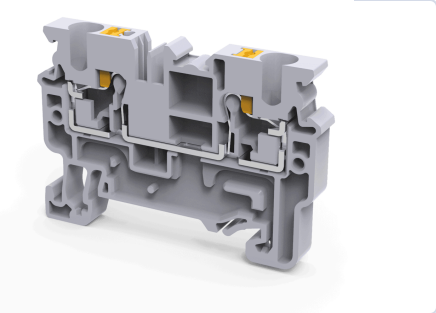
CP4 – 4 mm² push-in feed-through terminal block

Connectwell CP series · push-in · feed-through · 6 mm wide



The CP4 is a 6 mm wide push-in feed-through terminal block for 0.2 to 4 mm² (24-10 AWG) wire. Solid wire and ferruled flexible wire (strip length 11 mm) push straight in with no tool and no screw to tighten, so wiring is quick. It snaps onto DIN 35 rails, takes 32 A (IEC) and comes in eight colours for circuit identification.

CURRENT (IEC)	VOLTAGE (IEC)	WIRE (STRANDED)
32 A	**1000 V**	**0.2 – 4 mm²**
WIRE (AWG)	**WIDTH**	**LEVELS / CONNECTIONS**
24 – 10 AWG	**6 mm**	**1 / 2**

1 Choose your colour

Colour	Part number	Typical use	Standard pack
Grey	**CP4**	Standard colour	100 pcs
Black	**CP4BK**		100 pcs
Blue	**CP4BU**		100 pcs
Red	**CP4R**		100 pcs
Yellow	**CP4Y**		100 pcs
Green	**CP4GN**		100 pcs
Orange	**CP4O**		100 pcs
Beige	**CP4BG**		100 pcs

Prices on request. Full standard packs get our best pricing. Part numbers are Connectwell numbers.

2 Technical data

Electrical	
Rated voltage (IEC)	1000 V
Rated current (IEC)	32 A
Rated voltage (UL / CSA)	600 V
Rated current (UL / CSA)	30 A
Rated surge voltage	8 kV
Overvoltage category	III
Pollution degree	3
Short-time withstand current	0.48 kA

Wire connection	
Connection	Push-In
Wire entry	Top
Solid conductor	0.2 mm² to 6 mm²
Stranded conductor	0.2 mm² to 4 mm²
Stranded with ferrule	0.2 mm² to 4 mm²
Two conductors, twin ferrule	0.5 mm² to 1 mm²
AWG range	24 AWG to 10 AWG
Stripping length	11 mm
Operated with	Screwdriver

Mechanical	
Width (thickness)	6 mm
Length	54.8 mm
Height on 35 x 7.5 mm rail	38.25 mm
Height on 35 x 15 mm rail	45.75 mm
Mounting	DIN 35/DIN 35-15 Rail
Weight	8.1 g

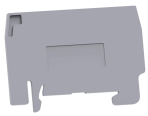
Material	
Housing	Polyamide
Flammability (UL 94)	V0
Operating temperature	-40 to +105 °C
Country of origin	India

Standards and certificates: UL 1059 (UL E220514-20200228) · **CSA C22.2 No. 158:23** (CSA 80002397) · **IEC 60947-7-1** (UL 80002398)

3 Add the accessories



END PLATE
EPCX4
End Plate suitable for CX4 and CP4 series Terminal blocks in Grey Colour
Standard pack: 50 pcs



PARTITION PLATE
PPCX4
Partition Plate suitable for CX4 and CP4 series Terminal Blocks in Grey Colour
Standard pack: 50 pcs

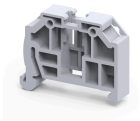


JUMPER
JX4/2
Pluggable Type Jumper, 2 Pole, Insulated, in Orange Colour
Standard pack: 100 pcs

JUMPER
JX4/6
Pluggable Type Jumper, 6 Pole, Insulated, in Orange Colour
Standard pack: 50 pcs



JUMPER
JX4/16
Pluggable Type Jumper, 16 Pole, Insulated, in Orange Colour (also: JX4/3, JX4/4, JX4/5, JX4/8, JX4/10)
Standard pack: 10 pcs



END CLAMP
CA104
End Clamp with snap on mounting suitable for DIN35 Type DIN Rails in Grey Colour
Standard pack: 50 pcs



MARKER CARD
MC6
Marker Card (Blank) suitable for 6mm width Terminal Blocks with 72 Tags
Standard pack: 1 packet (10 cards)



OTHER ACCESSORY
WLX4
Warning Label (with black colour warning sign printed) suitable for 6mm wide Spring Clamp series Terminal Blocks in Orange Colour
Standard pack: on request

4 Compare with the other sizes

Which size?	CP2.5	CP4	CP6/10
Width	5 mm	**6 mm**	8 mm
Current (IEC)	24 A	**32 A**	57 A
Voltage (IEC)	1000 V	**1000 V**	1000 V
Wire, stranded (max)	2.5 mm^2	**4 mm^2**	10 mm^2
Wire, solid (max)	4 mm^2	**6 mm^2**	–
Strip length	10 mm	**11 mm**	12 mm
Standard pack	100 pcs	**100 pcs**	100 pcs

5 Related products

- **CPG4** – Ground block, same 6 mm profile (green/yellow)
- **CX4** – Spring clamp version, same 6 mm profile
- **CTS4UN** – Screw clamp version, same 6 mm profile

Request a quote

How to order: choose the part numbers above, note the quantity, and send them to us. Quote the standard pack size or a multiple of it for our best price.
289-236-5064 · info@eklecmatic.ca · www.eklecmatic.ca

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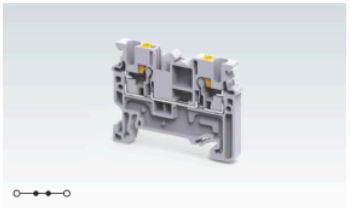
Manufacturer's catalogue page (Connectwell catalogue 2025-26): ordering data and accessories as printed by Connectwell.

www.connectwell.com

CP2.5



5 x 48.0 mm	
38.3 mm / 45.8 mm	
IEC	UL - CSA
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 14 AWG
0.5 mm²	20 AWG
10 mm	

IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079
1000 V	600 V	600 V	630 V
24 A	20 A	20 A	13 A

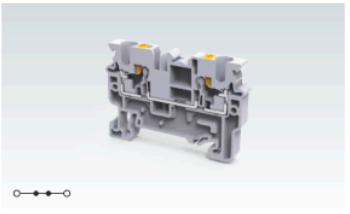
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CP2.5	100
CP2.5BU	100
CP2.5R	100
CP2.5Y	100
CP2.5BK	100
CP2.5GN	100
CPG2.5 (Refer Pg. 16 for details)	100
CP2.5EX	100
CP2.5BUEX	100
EPCX2.5	50
PPCX4	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA103 / CA104	50
MC5	10
SCM0.5/3 Blade size: 0.5 x 3 mm	10

Type / Cat. No.	Imax	Standard Pack
JX2.5/2	24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/5	24 A	50
JX2.5/6	24 A	10
JX2.5/7	24 A	10
JX2.5/8	24 A	10
JX2.5/10	24 A	10
JX2.5/20	24 A	10
JXS6/2.5	24 A	50
JXS16/2.5	24 A	50
TX2.5		20

CP4



6 x 54.8 mm	
38.3 mm / 45.8 mm	
IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	24 - 12 AWG
0.5 - 1.0 mm²	20 - 18 AWG
11 mm	

IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079
1000 V	600 V	600 V	630 V
32 A	30 A	30 A	13 A

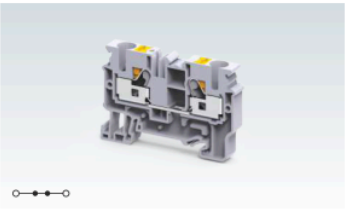
Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CP4	100
CP4BU	100
CP4R	100
CP4Y	100
CP4BK	100
CP4GN	100
CPG4 (Refer Pg. 16 for details)	100
CP4EX	100
CP4BUEX	100
EPCX4	50
PPCX4	50
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA103 / CA104	50
MC6	10
SCM0.6/3.5 Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	Imax	Standard Pack
JX4/2	32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/5	32 A	50
JX4/6	32 A	50
JX4/8	32 A	10
JX4/10	32 A	10
JX4/16	32 A	10
JXS6/4	32 A	50

CP6/10



8 x 62.8 mm	
43 mm / 50.6 mm	
IEC	UL - CSA
0.5 - 10.0 mm²	20 - 8 AWG
0.5 - 10.0 mm²	
0.5 - 10.0 mm²	20 - 8 AWG
0.5 - 2.5 mm²	20 - 14 AWG
12 mm	

IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079
1000 V	600 V	600 V	630 V
57 A	44 A	44 A	13 A

Polyamide 6,6 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CP6/10	100
CP6/10BU	100
CP6/10R	100
CP6/10Y	100
CP6/10BK	100
CP6/10GN	100
CPG6/10 (Refer Pg. 16 for details)	100
CP6/10EX	100
CP6/10BUEX	100
EPCX6	50
PPCX10	20
CA701-1M / CA701-1M-S	50 m
CA701-15-1M / CA701-15-1M-S	25 m
CA103 / CA104	50
MC8	10
SCM0.8/4 Blade size: 0.8 x 4 mm	10

Type / Cat. No.	Imax	Standard Pack
JX6/2	41 A	100
JX6/3	41 A	50
JX6/4	41 A	50
JX6/5	41 A	50
JX6/10	41 A	10
JXS6/2.5	24 A	50
JXS6/4	32 A	50