

DIN-Rail Terminal Blocks

Simplify Wiring, Power Distribution & Circuit Protection

COOPER Bussmann





Terminal Blocks



Accessories



Marking System

Terminal Blocks

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Terminal Blocks Styles

Our terminal blocks are available in multiple colours for easy circuit identification, plus popular single and double-bridge shaft systems for maximum power distribution flexibility. Certifications include UL 1059 (UL File E62622), cURus, VDE and IEC 60947-7. Blocks are Short-Circuit Current Rated (SCCR) from 10kA to 200kA.

Feed Through Terminal Blocks



Single-level feed through terminal blocks up to 1000V and 232A for wire sizes AWG 22 to 2 (0.5mm² to 35mm²).

See page 6 - 9

Double Level Terminal Blocks

High-density connectivity using double-level terminal blocks. Marking system, side insertion bridge and top screw-on bridge are standard. Use bridges to achieve any connection topology.



See page 10

Disconnect Terminal Blocks



Disconnect terminal blocks offer an easy circuit disconnection with just a flick of a screwdriver.

See page 10

Grounding Terminal Blocks

Grounding terminal blocks can convert DIN-Rail into a grounding bar. For wire sizes AWG 26 to 2 (0.13mm² to 35mm²).

See page 11 - 12



Fuse Holder Terminal Blocks



Fuse terminal blocks protect your sensors and relays. Available in lever and screw-cap style, with and without LED indication. Uses standard Cooper Bussmann 5x20mm fuse links.

See page 13 - 14

Internally Jumped Terminal Blocks

Internally jumped double-level terminal blocks provide high-density power distribution in 3-in/1-out or 2-in/2-out or 1-in/3-out options with a single block.



See page 14

Test Terminal Blocks

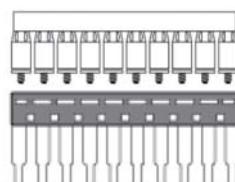


Test terminal blocks with convenient test sockets, plugs, jumpers and accessories to make your circuit troubleshooting easy.

See page 15

Jumper Bridges

A variety of side insertion bridge, top insertion bridge and top screw-on bridge in multiple pole options are available to solve any power distribution need.



See page 16- 20

Rail Products



An array of rail products are offered to compliment the DIN-Rail Terminal Block product line. Products available include 15mm, 35mm aluminium DIN-Rail; and 35mm G-type DIN-Rail.

See page 20

Marking System and Labels

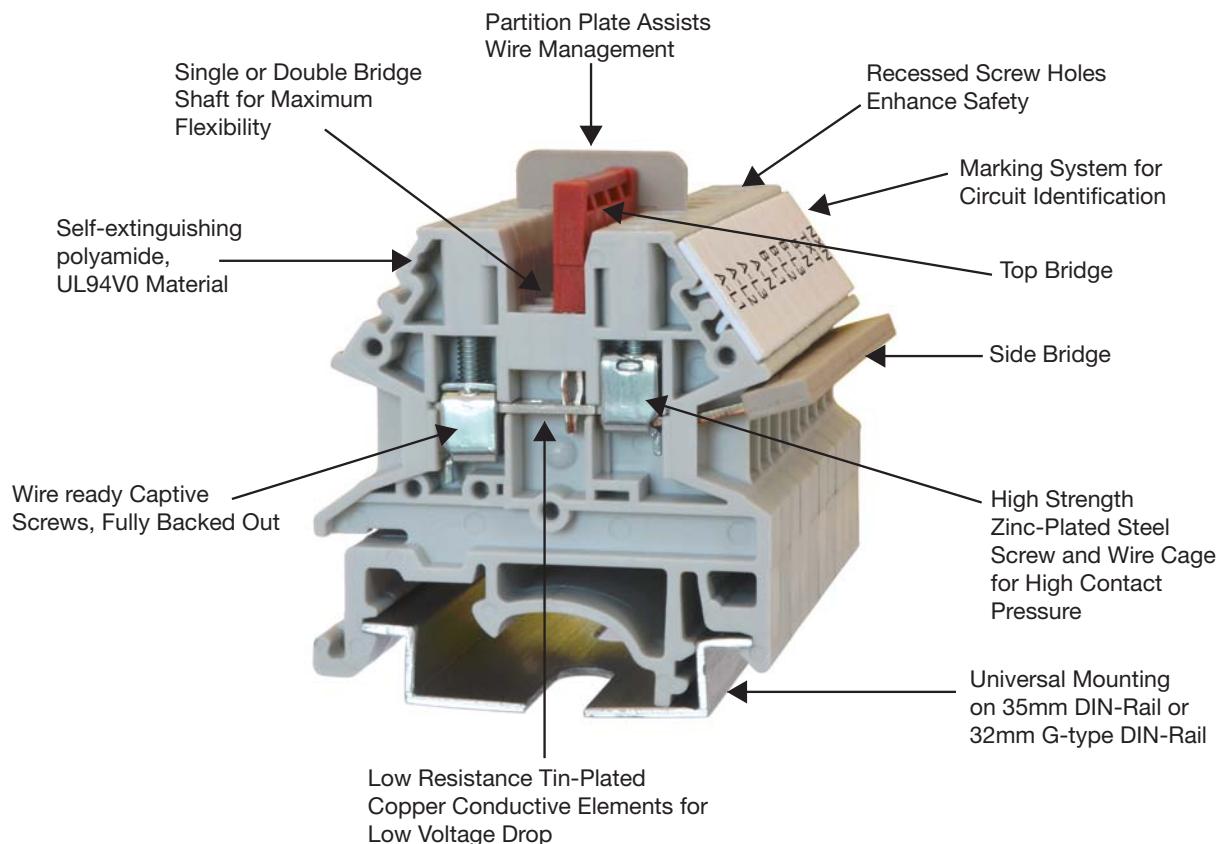


Open software, PC-based plotter system can print Cooper Bussmann labels as well as most major competitor labels. A decisive advantage. Blank and pre-printed marking labels are available.

See page 21 - 25

Terminal Blocks Overview

Introducing a full range of single-level and two-level feed through screw connection DIN-Rail terminal blocks, test and disconnect blocks, grounding blocks, plug-in and screw-on bridges, marking system and accessories. High quality and high functionality for all wiring needs.



G-Type DIN-Rail



35mm DIN-Rail

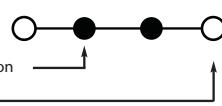


15mm DIN-Rail

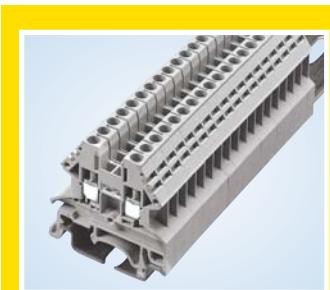
Legend

Jumper Bridge Connection

Wire Connection



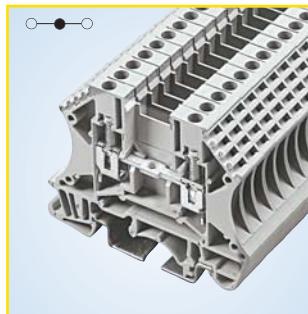
Feed Through Blocks - DP Series



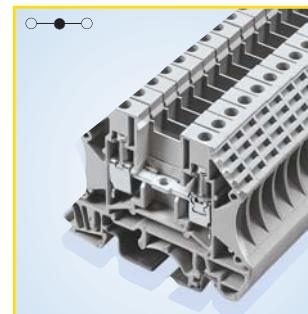
DP Series

The DP Series feature a generous design allowing for more wiring space and access. Additionally, this series feature a larger wire contact area and larger conducting elements. Accessories include marking labels, partition plates, side insertion bridge and top screw-on bridge for improved reliability. Comes with matching shaped grounding blocks. Designed for 35mm DIN and 32mm G-type rails.

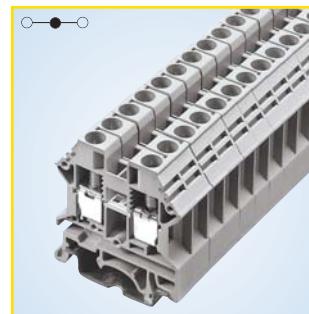
IEC 60947-7-1 and UL 1059 compliant.



DP25



DP35



DP45

Block

Approval	CE cULus	
Technical Data	UL	IEC
Rated voltage	600V	630V
Rated current	25A	24A
Conductor cross-section, solid (AWG/mm ²)	22~12 / 0.5~2.5	
Conductor cross-section, flexible (AWG/mm ²)	22~12 / 0.5~2.5	
Rated impulse withstand voltage	8kV	
Torque (N•m)	0.8	
Torque (lb-in)	7.1	
Screw	M3	
Wire strip length (mm)	10~12	
W x H x D (mm)	5.1 x 47.6 x 58.9	

Colours	Cat. No
Grey	DP25-GY
Blue	DP25-BU
Black	DP25-LK
Red	DP25-RD
Yellow	DP25-YW
Orange	DP25-OR
Green	DP25-GN

Accessories	Cat. No
Grey	DP25-GY-ND
Blue	DP25-BU-ND
Black	DP25-LK-ND
Red	DP25-RD-ND
Yellow	DP25-YW-ND
Orange	DP25-OR-ND
Green	DP25-GN-ND

DKSPS-001

DKSPS-002

2-pole
3-pole
4-pole
10-pole

CSC-2-502P
CSC-2-503P
CSC-2-504P
CSC-2-510P

DS2-5-02P
DS2-5-03P
DS2-5-04P
DS2-5-10P

TM26CB

DRL32MMG
DRL35MMHI
DRL35MML0

0.4 x 2.5mm

End cover

Colours	Cat. No
Grey	DP35-GY
Blue	DP35-BU
Black	DP35-LK
Red	DP35-RD
Yellow	DP35-YW
Orange	DP35-OR
Green	DP35-GN

Accessories	Cat. No
Grey	DP35-GY-ND
Blue	DP35-BU-ND
Black	DP35-LK-ND
Red	DP35-RD-ND
Yellow	DP35-YW-ND
Orange	DP35-OR-ND
Green	DP35-GN-ND

DKSPS-001

DKSPS-002

2-pole
3-pole
4-pole
10-pole

CSC-402P
CSC-403P
CSC-404P
CSC-410P

DS4-02P
DS4-03P
DS4-04P
DS4-10P

TM27CB

DRL32MMG
DRL35MMHI
DRL35MML0

0.5 x 3mm

Partition

Small partition

Side insertion bridge

Top screw-on bridge

Marking label

Mounting rail

Tool

Approval	CE cULus	
Technical Data	UL	IEC
Rated voltage	600V	500V
Rated current	45A	41A
Conductor cross-section, solid (AWG/mm ²)	20~8 / 0.5~6	
Conductor cross-section, flexible (AWG/mm ²)	20~8 / 0.5~6	
Rated impulse withstand voltage	8kV	
Torque (N•m)	1.8	
Torque (lb-in)	15.9	
Screw	M4	
Wire strip length (mm)	12~14	
W x H x D (mm)	8 x 47.6 x 58.9	

Colours	Cat. No
Grey	DP45-GY
Blue	DP45-BU
Black	DP45-LK
Red	DP45-RD
Yellow	DP45-YW
Orange	DP45-OR
Green	DP45-GN

Accessories	Cat. No
Grey	DP45-GY-ND
Blue	DP45-BU-ND
Black	DP45-LK-ND
Red	DP45-RD-ND
Yellow	DP45-YW-ND
Orange	DP45-OR-ND
Green	DP45-GN-ND

DKSPS-001

DKSPS-002

2-pole
3-pole
4-pole
10-pole

CSC-602P
CSC-603P
CSC-604P
CSC-610P

DS6-02P
DS6-03P
DS6-04P
DS6-10P

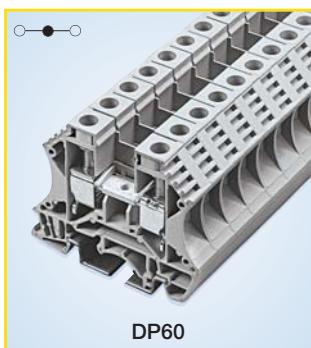
TM28CB

DRL32MMG
DRL35MMHI
DRL35MML0

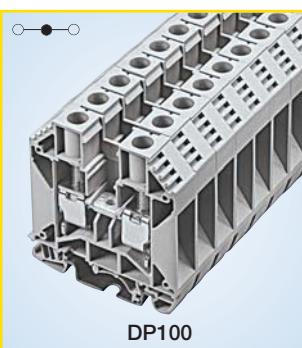
0.8 x 4mm

Feed Through Blocks - DP Series

COOPER Bussmann



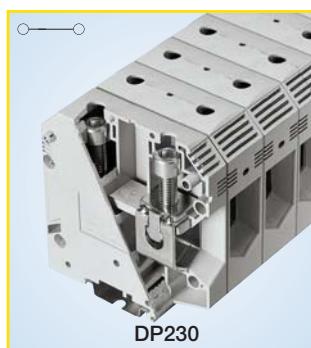
DP60



DP100



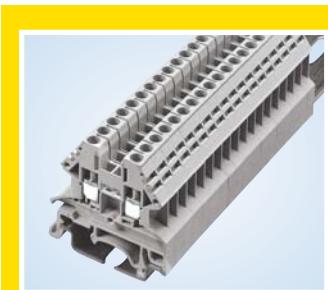
DP150



DP230

Approval	CE	cULus	Approval	CE	cULus	Approval	CE	cULus	Approval	CE	cULus
Technical Data	UL	IEC	Technical Data	UL	IEC	Technical Data	UL	IEC	Technical Data	UL	IEC
Rated voltage	600V	500V	Rated voltage	600V	1000V	Rated voltage	600V	1000V	Rated voltage	600V	1000V
Rated current	60A	57A	Rated current	100A	101A	Rated current	150A	150A	Rated current	230A	232A
Conductor cross-section, solid (AWG/mm ²)	20~6 / 1.5~10		Conductor cross-section, solid (AWG/mm ²)	14~3 / 1.5~25		Conductor cross-section, solid (AWG/mm ²)	12~1 / 2.5~50		Conductor cross-section, solid (AWG/mm ²)	2 / 35	
Conductor cross-section, flexible (AWG/mm ²)	20~6 / 1.5~10		Conductor cross-section, flexible (AWG/mm ²)	14~3 / 1.5~25		Conductor cross-section, flexible (AWG/mm ²)	12~1/0 / 2.5~50		Conductor cross-section, flexible (AWG/mm ²)	2~4/0 / 35~95	
Rated impulse withstand voltage	8kV		Rated impulse withstand voltage	8kV		Rated impulse withstand voltage	8kV		Rated impulse withstand voltage	8kV	
Torque (N•m)	1.8		Torque (N•m)	3.4		Torque (N•m)	6.9		Torque (N•m)	10.2	
Torque (lb-in)	15.9		Torque (lb-in)	30.1		Torque (lb-in)	61.1		Torque (lb-in)	90.3	
Screw	M4		Screw	M5		Screw	M6		Screw	M8	
Wire strip length (mm)	12~14		Wire strip length (mm)	13~15		Wire strip length (mm)	16~18		Wire strip length (mm)	30~35	
W x H x D (mm)	10 x 47.6 x 58.9		W x H x D (mm)	12 x 52.2 x 46.7		W x H x D (mm)	16 x 61.2 x 52		W x H x D (mm)	25 x 88.5 x 80	
Colours	Cat. No		Colours	Cat. No		Colours	Cat. No		Colours	Cat. No	
● Grey	DP60-GY		● Grey	DP100-GY		● Grey	DP150-GY		● Grey	DP230-GY	
						● Blue	DP150-BU		● Blue	DP230-BU	
Accessories	Cat. No		Accessories	Cat. No		Accessories	Cat. No		Accessories	Cat. No	
● Grey	DP25-GY-ND		● Grey	DP100-GY-ND							
	DKSPS-001			DKNSPS-003			DKNSPS-004				DKNSPS-004
	DKSPS-002										
2-pole 3-pole 4-pole 10-pole	CSC-1002P CSC-1003P CSC-1004P CSC-1010P	2-pole 3-pole 4-pole 10-pole	CSC-1602P CSC-1603P CSC-1604P CSC-1610P	2-pole 3-pole 4-pole 10-pole	CSC-3502P CSC-3503P CSC-3504P CSC-3510P	2-pole 3-pole 4-pole 10-pole	CSC-9502P CSC-9503P N/A N/A				
2-pole 3-pole 4-pole 10-pole	DS10-02P DS10-03P DS10-04P DS10-10P	2-pole 3-pole 4-pole 10-pole	DS16-02P DS16-03P DS16-04P DS16-10P	2-pole 3-pole 4-pole 10-pole	DS35-02P DS35-03P DS35-04P DS35-10P	2-pole 3-pole 4-pole 10-pole	N/A N/A N/A N/A				
	TM28CB			TM28CB			TM28CB				TM28CB
	DRL32MMG DRL35MMHI DRL35MML0			DRL32MMG DRL35MMHI DRL35MML0			DRL32MMG DRL35MMHI DRL35MML0				DRL32MMG DRL35MMHI DRL35MML0
	0.8 x 4mm			1 x 5.5mm			— Ø				— Ø

Feed Through Blocks - DS Series



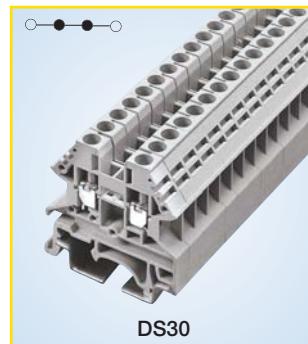
DS Series

The DS Series feature a compact design that save wiring space on the control panels. Accessories include marking labels, partition plates as well as side and top insertion bridges. Designed for 35mm DIN and 32mm G-type rails.

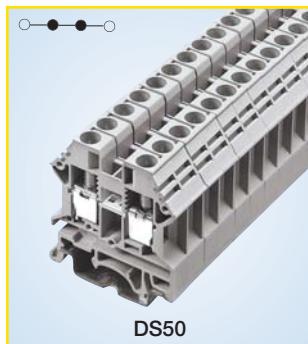
IEC 60947-7-1 and UL 1059. compliant



DS20



DS30



DS50

Approval	CE cULus	
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	24A
Conductor cross-section, solid (AWG/mm ²)	22~12 / 0.5~2.5	
Conductor cross-section, flexible (AWG/mm ²)	22~12 / 0.5~2.5	
Rated impulse withstand voltage	6kV	
Torque (N•m)	0.4	
Torque (lb-in)	3.5	
Screw	M2.5	
Wire strip length (mm)	9~11	
W x H x D (mm)	5.1 x 39.6 x 40.5	

Colours	Cat. No
● Grey	DS20-GY
● Blue	DS20-BU
● Black	DS20-LK
● Red	DS20-RD
● Yellow	DS20-YW
● Orange	DS20-OR
● Green	DS20-GN

Accessories	Cat. No
● Grey	DS20-GY-ND
● Blue	DS20-BU-ND
● Black	DS20-LK-ND
● Red	DS20-RD-ND
● Yellow	DS20-YW-ND
● Orange	DS20-OR-ND
● Green	DS20-GN-ND

DKNSPS-001

2-pole	DSS2-5N-02P
3-pole	DSS2-5N-03P
4-pole	DSS2-5N-04P
10-pole	DSS2-5N-10P

2-pole	CSC-2-502PN
3-pole	CSC-2-503PN
4-pole	CSC-2-504PN
10-pole	CSC-2-510PN

DKNSPS-001

DKNSPS-002

2-pole	DSS4N-02P
3-pole	DSS4N-03P
4-pole	DSS4N-04P
10-pole	DSS4N-10P

DKNSPS-002

DKNSPS-003

DKNSPS-004

DKNSPS-005

DKNSPS-006

DKNSPS-007

DKNSPS-008

DKNSPS-009

DKNSPS-010

DKNSPS-011

DKNSPS-012

DKNSPS-013

DKNSPS-014

DKNSPS-015

DKNSPS-016

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DKNSPS-170

DKNSPS-171

DKNSPS-172

DKNSPS-173

DKNSPS-174

DKNSPS-175

DKNSPS-176

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DKNSPS-178

DKNSPS-179

DKNSPS-180

DKNSPS-181

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DKNSPS-187

DKNSPS-188

DKNSPS-189

DKNSPS-190

DKNSPS-191

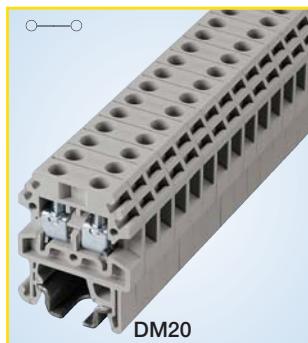
Mini Feed Through Blocks - DM Series

COOPER Bussmann

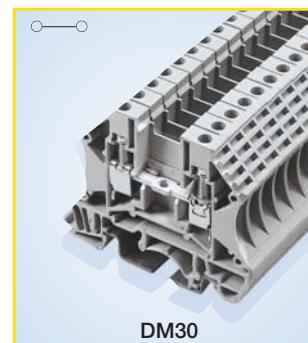


DM Series

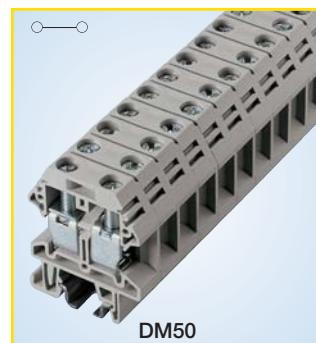
The DM Series is our low cost, miniature feed through terminal block design for 15mm DIN-Rail. Accessories include side insertion bridge and marking labels.



DM20



DM30



DM50

Approval	CE cULus	
Technical Data	UL	IEC
Rated voltage	300V	500V
Rated current	20A	24A
Conductor cross-section, solid (AWG/mm ²)	22~12 / 0.5~2.5	
Conductor cross-section, flexible (AWG/mm ²)	22~12 / 0.5~2.5	
Rated impulse withstand voltage	5kV	
Torque (N•m)	0.4	
Torque (lb-in)	3.5	
Screw	M2.5	
Wire strip length (mm)	7~9	
W x H x D (mm)	5.1 x 28 x 22	
Colours	Cat. No	
● Grey	DM20-GY	
● Blue	DM20-BU	
● Black	DM20-LK	
Accessories	Cat. No	
● Grey	DM20-GY-ND	
● Blue	DM20-BU-ND	
● Black	DM20-LK-ND	
2-pole	CSC-2-502PS	
3-pole	CSC-2-503PS	
4-pole	CSC-2-504PS	
10-pole	CSC-2-510PS	
	TM20CB	
	DRL15MM	

Approval	CE cULus	
Technical Data	UL	IEC
Rated voltage	300V	500V
Rated current	30A	32A
Conductor cross-section, solid (AWG/mm ²)	22~10 / 0.5~4	
Conductor cross-section, flexible (AWG/mm ²)	22~10 / 0.5~4	
Rated impulse withstand voltage	5kV	
Torque (N•m)	0.6	
Torque (lb-in)	5.3	
Screw	M3	
Wire strip length (mm)	7~9	
W x H x D (mm)	6.1 x 31.5 x 22	
Colours	Cat. No	
● Grey	DM30-GY	
● Blue	DM30-BU	
● Black	DM30-LK	
Accessories	Cat. No	
● Grey	DM30-GY-ND	
● Blue	DM30-BU-ND	
● Black	DM30-LK-ND	
2-pole	CSC-402PS	
3-pole	CSC-403PS	
4-pole	CSC-404PS	
10-pole	CSC-410PS	
	TM21CB	
	DRL15MM	

Approval	CE cULus	
Technical Data	UL	IEC
Rated voltage	300V	500V
Rated current	50A	41A
Conductor cross-section, solid (AWG/mm ²)	20~8 / 0.5~6	
Conductor cross-section, flexible (AWG/mm ²)	20~8 / 0.5~6	
Rated impulse withstand voltage	6kV	
Torque (N•m)	1.2	
Torque (lb-in)	10.6	
Screw	M4	
Wire strip length (mm)	9~11	
W x H x D (mm)	8 x 37.4 x 30	
Colours	Cat. No	
● Grey	DM50-GY	
● Blue	DM50-BU	
● Black	DM50-LK	
Accessories	Cat. No	
● Grey	DM50-GY-ND	
● Blue	DM50-BU-ND	
● Black	DM50-LK-ND	
2-pole	CSC-602PS	
3-pole	CSC-603PS	
4-pole	CSC-604PS	
10-pole	CSC-610PS	
	TM22CB	
	DRL15MM	

Block 

End Cover 

Side Insertion Bridge 

Marking Label 

Mounting Rail 

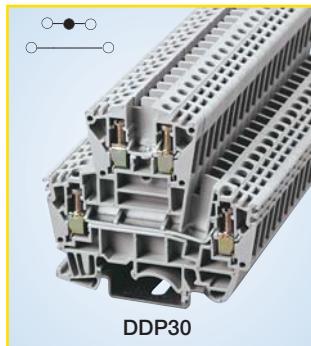
Double Level Blocks

Disconnect Blocks



DDP Series

The DDP30 is a two-tier feed through terminal block for space constrained applications with two independent circuits (IEC 60947-7 and UL 1059 compliant). Marking system, side insertion bridge and top screw-on bridge are standard.



DDP30

Approval		
Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	30A	32A
Conductor cross-section, solid (AWG/mm ²)	22~10 / 0.5~4	
Conductor cross-section, flexible (AWG/mm ²)	22~10 / 0.5~4	
Rated impulse withstand voltage	6kV	
Torque (N•m)	0.5	
Torque (lb-in)	4.4	
Screw	M2.5	
Wire strip length (mm)	6	
W x H x D (mm)	6.1 x 62.8 x 69.4	
Colours	Cat. No	
● Grey	DDP30-GY	
Accessories	Cat. No	
● Grey	DDP30-GY-ND	
2-pole	CSC-402P	
3-pole	CSC-403P	
4-pole	CSC-404P	
10-pole	CSC-410P	
2-pole	DS4-02P	
3-pole	DS4-03P	
4-pole	DS4-04P	
10-pole	DS4-10P	
	TM21CB	
	DRL32MMG	
	DRL35MMHI	
	DRL35MML0	
	0.4 x 2.5mm	



Block	
End Cover	
Side Insertion Bridge	
Top Screw-on bridge	
Marking Label	
Mounting Rail	
Tool	



DIS Series

The DIS10 is a disconnect* terminal block. Disconnect terminal blocks offer easy circuit disconnection with just a flick of a screwdriver. IEC 60947-7 and UL 1059 compliant.



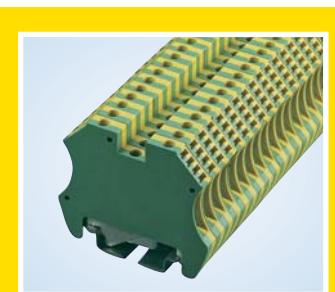
DIS10

* Not for use as a load break disconnect.

Approval		
Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	10A	16A
Conductor cross-section, solid (AWG/mm ²)	26~14 / 0.5~2.5	
Conductor cross-section, flexible (AWG/mm ²)	26~14 / 0.5~2.5	
Rated impulse withstand voltage	6kV	
Torque (N•m)	0.8	
Torque (lb-in)	7.1	
Screw	M3	
Wire strip length (mm)	9~10	
W x H x D (mm)	5.1 x 46.7 x 59	
Colours	Cat. No	
● Grey	DIS10-GY	
Accessories	Cat. No	
● Grey	DP25-GY-ND	
End Cover		
Partition		
Side Insertion Bridge		
Marking Label		
Mounting Rail		
Tool		

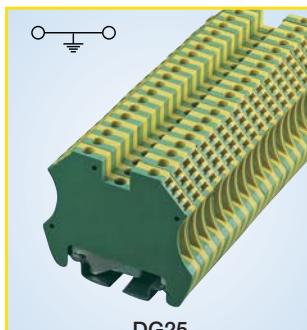
Grounding Blocks - DG Series

COOPER Bussmann

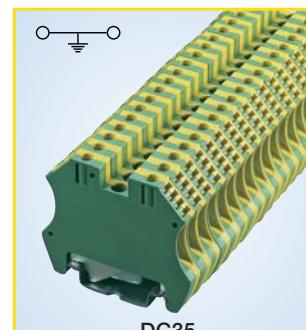


DG Series

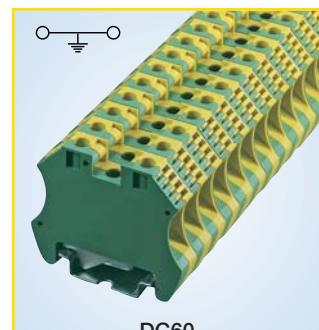
The DG Series grounding DIN-Rail Terminal blocks fit both standard 35mm DIN-Rail and 32mm G-Type rails. Compliant with IEC 60947-7 and UL 1059 standards for worldwide acceptance. These have the same general shape as the DP Series.



DG25



DG35



DG60

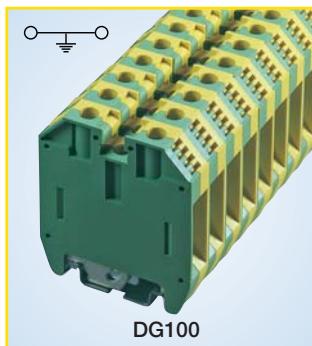
Approval		
Technical Data	UL	IEC
Rated voltage	600V	630V
Rated current		24A
Conductor cross-section, solid (AWG/mm ²)	26~12 / 0.5~2.5	
Conductor cross-section, flexible (AWG/mm ²)	26~12 / 0.5~2.5	
Rated impulse withstand voltage	8kV	
Torque (N•m)	0.8	
Torque (lb-in)	7.1	
Screw	M3	
Wire strip length (mm)	10~14	
W x H x D (mm)	5.7 x 46.4 x 56	
Colours	Cat. No	
Yellow/Green	DG25-YG	
Accessories	Cat. No	
	TM26CB	

Approval		
Technical Data	UL	IEC
Rated voltage	600V	500V
Rated current		57A
Conductor cross-section, solid (AWG/mm ²)	26~10 / 0.5~4	
Conductor cross-section, flexible (AWG/mm ²)	26~10 / 0.5~4	
Rated impulse withstand voltage	8kV	
Torque (N•m)	0.8	
Torque (lb-in)	7.1	
Screw	M3	
Wire strip length (mm)	12~16	
W x H x D (mm)	6.6 x 46.4 x 56	
Colours	Cat. No	
Yellow/Green	DG35-YG	
Accessories	Cat. No	
	TM27CB	

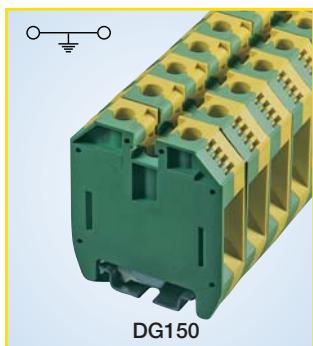
Approval		
Technical Data	UL	IEC
Rated voltage	600V	500V
Rated current		57A
Conductor cross-section, solid (AWG/mm ²)	16~8 / 1.5~10	
Conductor cross-section, flexible (AWG/mm ²)	16~8 / 1.5~10	
Rated impulse withstand voltage	8kV	
Torque (N•m)	1.8	
Torque (lb-in)	15.9	
Screw	M4	
Wire strip length (mm)	12~16	
W x H x D (mm)	10.4 x 46.4 x 56	
Colours	Cat. No	
Yellow/Green	DG60-YG	
Accessories	Cat. No	
	TM28CB	



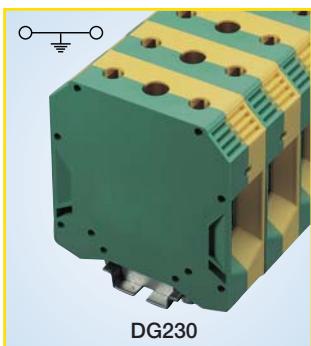
Grounding Blocks - DG Series



Approval		CE cULus	
Technical Data		UL	IEC
Rated voltage	600V	1000V	
Rated current		76A	
Conductor cross-section, solid (AWG/mm ²)	14~6 / 2.5~16		
Conductor cross-section, flexible (AWG/mm ²)	14~6 / 2.5~16		
Rated impulse withstand voltage	8kV		
Torque (N•m)	3.4		
Torque (lb-in)	30.1		
Screw	M5		
Wire strip length (mm)	14~18		
W x H x D (mm)	12 x 62.4 x 56		
Colours		Cat. No	
Yellow/Green		DG100-YG	
Accessories		Cat. No	
		TM28CB	



Approval		CE cULus	
Technical Data		UL	IEC
Rated voltage	600V	1000V	
Rated current		125A	
Conductor cross-section, solid (AWG/mm ²)	12~2 / 4~35		
Conductor cross-section, flexible (AWG/mm ²)	12~2 / 4~35		
Rated impulse withstand voltage	8kV		
Torque (N•m)	5.6		
Torque (lb-in)	49.6		
Screw	M6		
Wire strip length (mm)	14~18		
W x H x D (mm)	16 x 62.4 x 56		
Colours		Cat. No	
Yellow/Green		DG150-YG	
Accessories		Cat. No	
		TM28CB	



Approval		CE cULus	
Technical Data		UL	IEC
Rated voltage	600V	1000V	
Rated current		232A	
Conductor cross-section, solid (AWG/mm ²)	2 / 35		
Conductor cross-section, flexible (AWG/mm ²)	2~4/0 /35~95		
Rated impulse withstand voltage	8kV		
Torque (N•m)	18		
Torque (lb-in)	159.3		
Screw	M8		
Wire strip length (mm)	20~25		
W x H x D (mm)	25 x 82.93 x 80		
Colours		Cat. No	
Yellow/Green		DG230-YG	
Accessories		Cat. No	
		TM28CB	



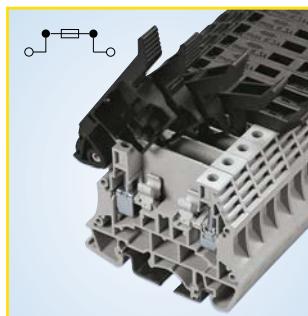
Fuse Holders Blocks

COOPER Bussmann

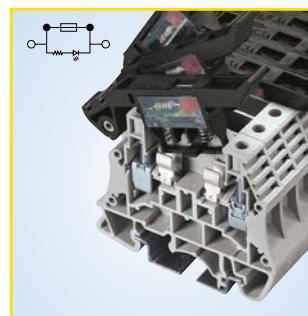


F520 Series

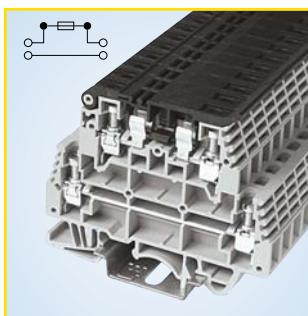
Fuse terminal blocks protect your sensors and relays. Available in lever and screw-cap style, with and without LED indication. Uses standard Cooper Bussmann 5x20mm fuse links.



F520ST



F520TLED



F520DDST

Approval	CE cULus		
Technical Data	UL IEC		
Rated voltage	300V	300V	
Rated current	6.3A	6.3A	
Conductor cross-section, solid (AWG/mm ²)	24~12 / 0.5~4		
Conductor cross-section, flexible (AWG/mm ²)	24~12 / 0.5~4		
Rated impulse withstand voltage	6kV		
Torque (N•m)	0.8		
Torque (lb-in)	7.1		
Screw	M3		
Wire strip length (mm)	10-12		
W x H x D (mm)	8 x 55.7 x 56		
Colours	Cat. No		
● Grey	F520ST-GY		

Accessories	Cat. No
● Grey End Cover	F520-GY-ND
2-pole	CSC-602PN
3-pole	CSC-603PN
4-pole	CSC-604PN
10-pole	CSC-610PN
	TM28CB
	DRL32MMG
	DRL35MMHI
	DRL35MML0
	0.5 x 3mm

Approval	CE cULus		
Technical Data	UL IEC		
Rated voltage	300V	300V	
Rated current	6.3A	6.3A	
Conductor cross-section, solid (AWG/mm ²)	24~12 / 0.5~4		
Conductor cross-section, flexible (AWG/mm ²)	24~12 / 0.5~4		
Rated impulse withstand voltage	6kV		
Torque (N•m)	0.8		
Torque (lb-in)	7.1		
Screw	M3		
Wire strip length (mm)	10-12		
W x H x D (mm)	8 x 55.7 x 56		
Colours	Cat. No		
● Grey	F520STLED5-GY		
● Grey	F520STLED12-GY		
● Grey	F520STLED24-GY		
● Grey	F520STLED48-GY		
● Grey	F520STLED110-GY		
● Grey	F520STLED220-GY		
● Grey	F520STLED300-GY		

Accessories	Cat. No
● Grey End Cover	F520-GY-ND
2-pole	CSC-602PN
3-pole	CSC-603PN
4-pole	CSC-604PN
10-pole	CSC-610PN
	TM28CB
	DRL32MMG
	DRL35MMHI
	DRL35MML0
	0.5 x 3mm

Approval	CE cULus		
Technical Data	UL IEC		
Rated voltage	300V ⁽¹⁾	300V	
Rated current	16A ⁽²⁾ 30A ⁽³⁾	16A ⁽²⁾ 30A ⁽³⁾	
Conductor cross-section, solid (AWG/mm ²)	22~10 / 0.5~4		
Conductor cross-section, flexible (AWG/mm ²)	22~10 / 0.5~4		
Rated impulse withstand voltage	6kV		
Torque (N•m)	0.67		
Torque (lb-in)	5.9		
Screw	M3.5		
Wire strip length (mm)	10-12		
W x H x D (mm)	8 x 60.5 x 72.5		
Colours	Cat. No		
● Grey	F520DDST-GY		

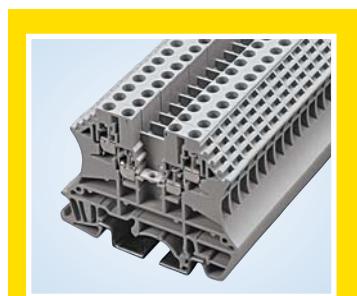
Accessories	Cat. No
● Grey	F520DD-GY-ND
	TM28CB
	DRL32MMG
	DRL35MMHI
	DRL35MML0
	0.5 x 3mm

- 1) UL 600V/5A
- 2) Upper Level
- 3) Lower Level



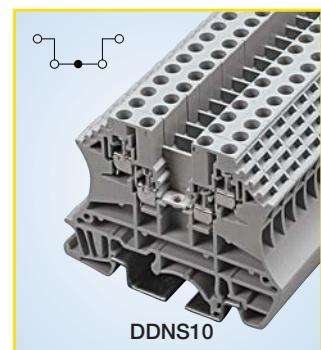
Approval			
Technical Data	UL	IEC	
Rated voltage	600V	660V	
Rated current	6.3A	6.3A	
Conductor cross-section, solid (AWG/mm ²)	22~6 / 1.5~10		
Conductor cross-section, flexible (AWG/mm ²)	22~6 / 1.5~10		
Rated impulse withstand voltage	6kV		
Torque (N•m)	1.8		
Torque (lb-in)	15.9		
Screw	M4		
Wire strip length (mm)	12~16		
W x H x D (mm)	12 x 47.2 x 61.6		
Colours	Cat. No		
● Grey	F520TOP-GY		
Accessories	Cat. No		
	TM20CB		

Block	
Marking Label	
Mounting Rail	
Tool	



DDNS Series

The DDNS10 is an internally jumpered terminal block. Internally jumpered double-level terminal blocks provide high-density power distribution in 3-in/1-out or 2-in/2-out or 1-in/3-out options with a single block. Add top and side insertion bridges to achieve any connection topology. IEC 60947-7 and UL 1059 compliant.



Approval			
Technical Data	UL	IEC	
Rated voltage	300V	630V	
Rated current	10A	17.5A	
Conductor cross-section, solid (AWG/mm ²)	22~14 / 0.5~1.5		
Conductor cross-section, flexible (AWG/mm ²)	22~14 / 0.5~1.5		
Rated impulse withstand voltage	8kV		
Torque (N•m)	0.4		
Torque (lb-in)	3.5		
Screw	M2.5		
Wire strip length (mm)	6~7		
W x H x D (mm)	5.1 x 46.8 x 58.9		
Colors	Cat. No		
● Grey	DDNS10-GY		
Accessories			
● Grey	DDNS10-GY-ND		
2-pole	CSC-2-502P		
3-pole	CSC-2-503P		
4-pole	CSC-2-504P		
10-pole	CSC-2-510P		
2-pole	DS2-5-02P		
3-pole	DS2-5-03P		
4-pole	DS2-5-04P		
10-pole	DS2-5-10P		
	TM26CB		
	DRL32MMG		
	DRL35MMHI		
	DRL35MMLO		
	0.4 x 2.5mm		



DTST2 Series

Test Terminal Blocks

Test terminal blocks with convenient test sockets, plugs, jumpers and accessories to make your circuit troubleshooting easy.



DTST2

Approval	CE	UL	us
Technical Data			
Rated voltage	300/600V	660V	
Rated current	48A/5A	41A	
Conductor cross-section, solid (AWG/mm ²)	20~8 / 0.5~6		
Conductor cross-section, flexible (AWG/mm ²)	20~8 / 0.5~6		
Rated impulse withstand voltage	6kV		
Torque (N•m)	2		
Torque (lb-in)	17.7		
Screw	M4		
Wire strip length (mm)	8		
W x H x D (mm)	8 x 65.6 x 47.5		
Colors	Cat. No		
● Grey	DTST2-GY		
Accessories			
Block		DTST-GY-ND	
Partition		DKSPS-006	
Jumper Slide		DS6A02 DS6A03	
Test Plug		C002-0101-BK C002-0101-RD	
Screw		DS6S1-BK DS6S1-OR DS6S1-YW DS6S1-RD	
Connection Sleeve		C002-0201	
Connection Socket		C002-0301	
Side insertion bridge		2-pole 3-pole 4-pole 10-pole	CSC-602P CSC-603P CSC-604P CSC-610P
Top screw-on bridge		2-pole 3-pole 4-pole 10-pole	DS6-02P DS6-03P DS6-04P DS6-10P
Marking Label	1 2 3 4 5 6 7	TM28CB	
Mounting Rail		DRL32MMG DRL35MMHI DRL35MML0	
Tool		0.6 x 3.5mm	



Accessories

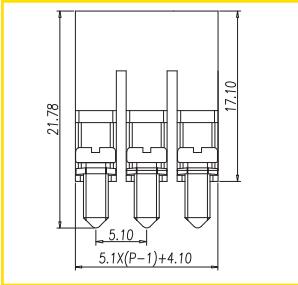
Top Screw-On Bridges

DS2-5-XXP



Use with DP25 DG25
DDNS10
Poles (XX) 02,03,04,10

Dimensions - mm

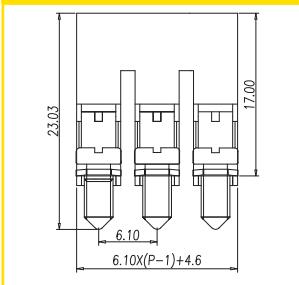


DS4-XXP



Use with DP35 DDP30
Poles (XX) 02,03,04,10

Dimensions - mm

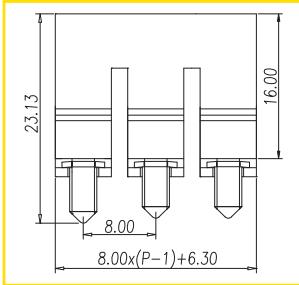


DS6-XXP



Use with DP45 DTST2
Poles (XX) 02,03,04,10

Dimensions - mm

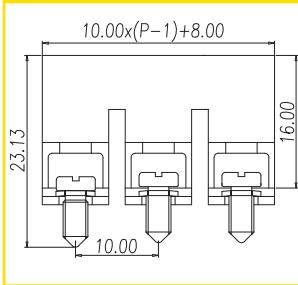


DS10-XXP



Use with DP60
Poles (XX) 02,03,04,10

Dimensions - mm

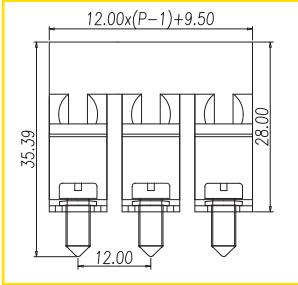


DS16-XXP



Use with DP100
Poles (XX) 02,03,04,10

Dimensions - mm

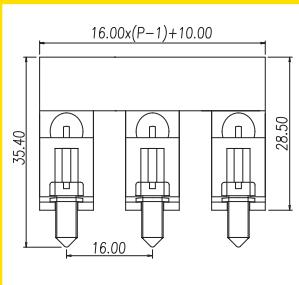


DS35-XXP



Use with DP150
Poles (XX) 02,03,04,10

Dimensions - mm



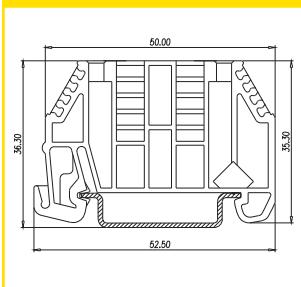
End Brackets

BRKT-ND

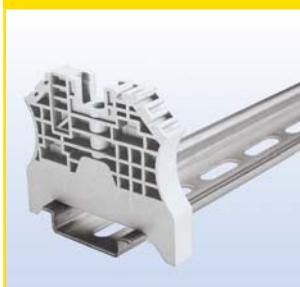


Use with
DRL35MMHI
DRL35MML0

Dimensions - mm

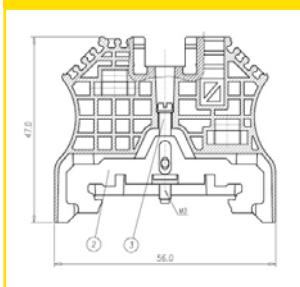


BRKT-NDSCRW



Use with
DRL35MMHI
DRL35MML0
Torque (N•m)
Torque (lb-in)
Screw

Dimensions - mm

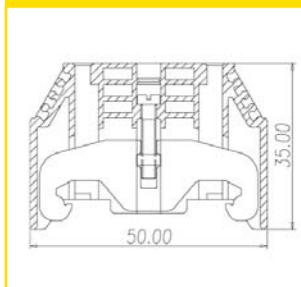


BRKT-NDSCRW2



Use with
DRL35MMHI
DRL35MML0
Torque (N•m)
Torque (lb-in)
Screw

Dimensions - mm

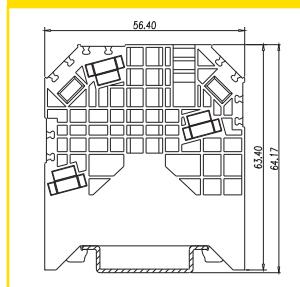


BRKT-NDSCRW3



Use with
DRL35MMHI
DRL35MML0
Torque (N•m)
Torque (lb-in)
Screw

Dimensions - mm



Partition Plates

DKSPS-001



Use with
DP25 DP35
DP45 DP60

DKSPS-002



Use with
DP25 DP35
DP45 DP60
DIS10

DKSPS-006



Use with
DTST2

DKNSPS-001



Use with
DS20 DS30

DKNSPS-002



Use with
DS50

DKNSPS-003



Use with
DP100

DKNSPS-004



Use with
DP150

Accessories

Jumper Slides

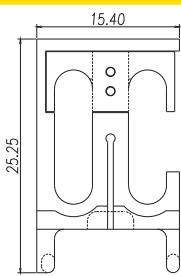
DS6A02



Use with DTST2

Poles 02

Dimensions - mm



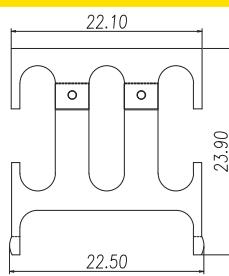
DS6A03



Use with DTST2

Poles 03

Dimensions - mm



Top Insertion Bridges

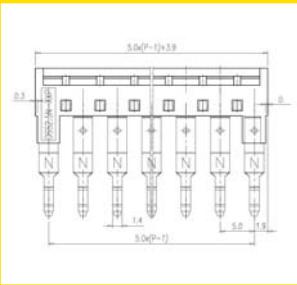
DSS2-5N-XXP



Use with DS20

Poles (XX) 02,03,04,10

Dimensions - mm



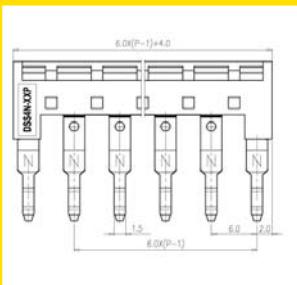
DSS4N-XXP



Use with DS30

Poles (XX) 02,03,04,10

Dimensions - mm



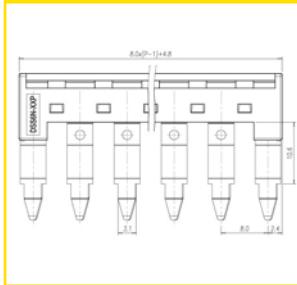
DSS6N-XXP



Use with DS50

Poles (XX) 02,03,04,10

Dimensions - mm



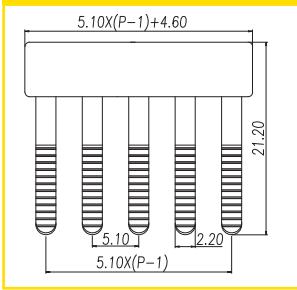
Side Insertion Bridges

CSC-2-5XXP



Use with DP25 DIS10
DDNS10
Poles (XX) 02, 03, 04, 10

Dimensions - mm

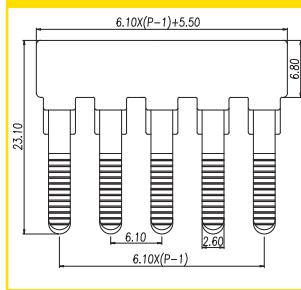


CSC-4XXP



Use with DP35 DDP30
Poles (XX) 02, 03, 04, 10

Dimensions - mm

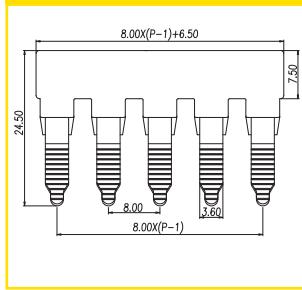


CSC-6XXP



Use with DTST2 DP45
Poles (XX) 02, 03, 04, 10

Dimensions - mm

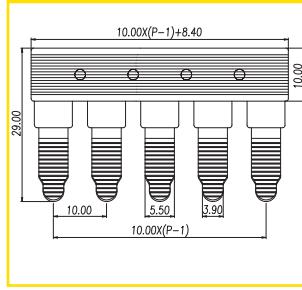


CSC-10XXP



Use with DP60
Poles (XX) 02, 03, 04, 10

Dimensions - mm



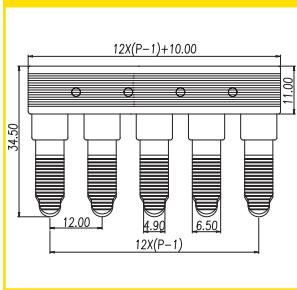
CSC-16XXP



Use with DP100

Poles (XX) 02, 03, 04, 10

Dimensions - mm



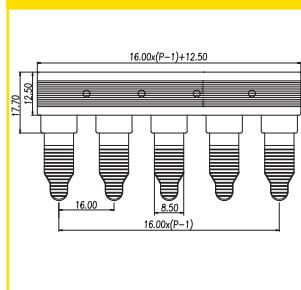
CSC-35XXP



Use with DP150

Poles (XX) 02, 03, 04, 10

Dimensions - mm



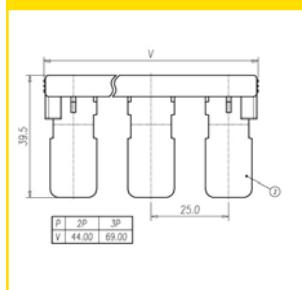
CSC-95XXP



Use with DP230

Poles (XX) 02, 03, 04, 10

Dimensions - mm



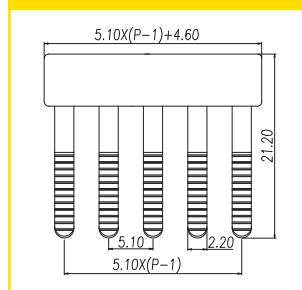
CSC-2-5XXPN



Use with DS20

Poles (XX) 02, 03, 04, 10

Dimensions - mm



Accessories

Side Insertion Bridges

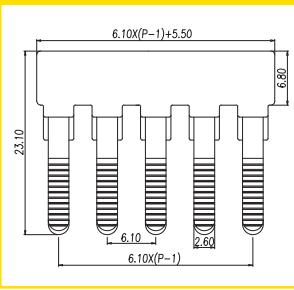
CSC-4XXPN



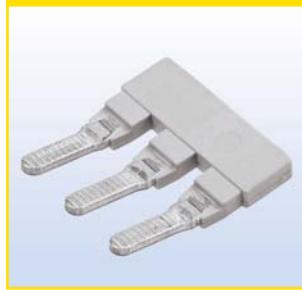
Use with DS30

Poles (XX) 02, 03, 04, 10

Dimensions - mm



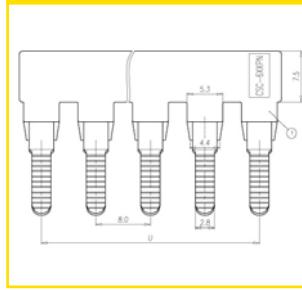
CSC-6XXPN



Use with DS50

Poles (XX) 02, 03, 04, 10

Dimensions - mm



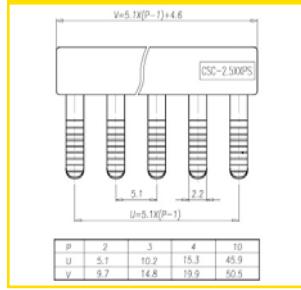
CSC-2-5XXPS



Use with DM20

Poles (XX) 02, 03, 04, 10

Dimensions - mm



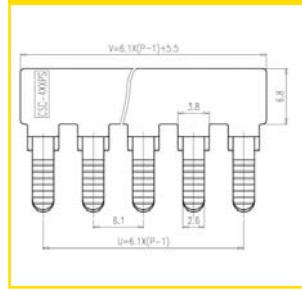
CSC-4XXPS



Use with DM30

Poles (XX) 02, 03, 04, 10

Dimensions - mm



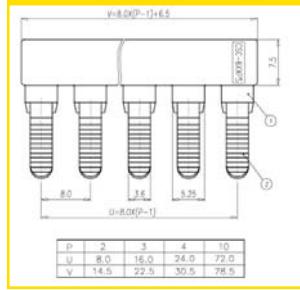
CSC-6XXPS



Use with DM50

Poles (XX) 02, 03, 04, 10

Dimensions - mm



Mounting Rails

DRL15MM*
(15MM DIN-Rail)



DRL32MMG*
(32MM Type G)



DRL35MML0*
(35MM DIN-Rail - Low-Profile)



DRL35MMHI*
(35MM DIN-Rail - High Profile)



* Available in 1 Metre lengths only



BussScribe MARKING SYSTEM



DPLT-001SET
PLOTTER SET



Description

- Pen is installed manually
- USB interface to PC
- 110-240Vac power supply
- WINDOWS® Operation system

System Kit Includes

- Plotter Pens
- Support Plate
- Software
- Plotter
- Power Supplies
- USB Cable

DPLT-SPLT
SUPPORT PLATE



Description

Support plate adjustable to accommodate various sizes of marking labels. The support plate is universal and suitable for TM2xCB marking label series.

Each plotter set includes one support plate, additional plates are available separately.

PLOTTER PEN
DPLT-PEN (Tip 0.25mm) / DPLT-PEN2 (Tip 0.35mm)



Description

Disposable black ink pen.
Single pen per pack.

Marking Label Selection Chart

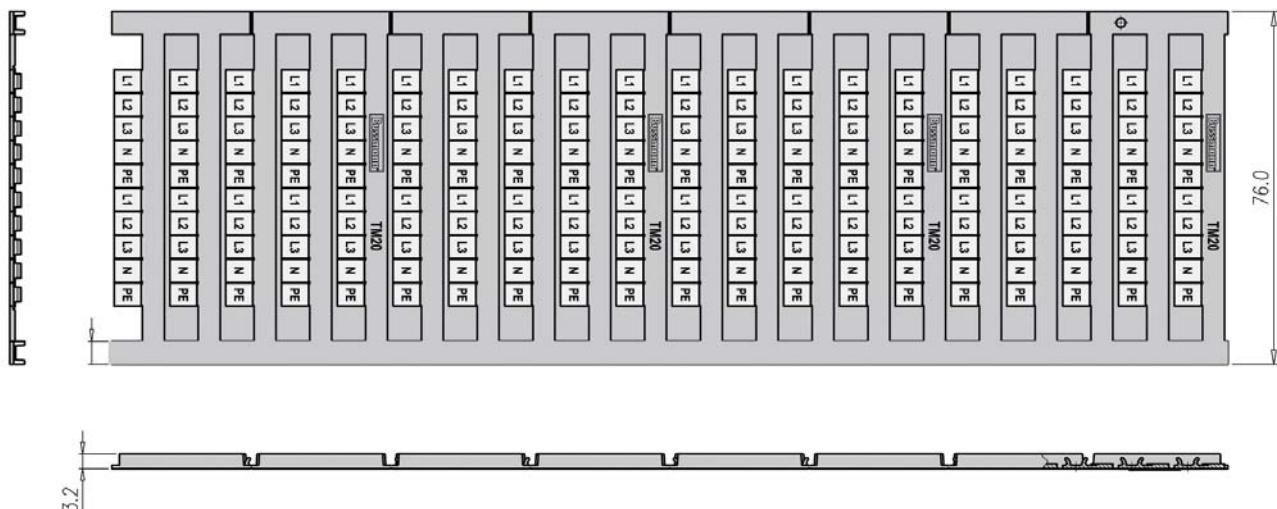
Part Number	Length (mm)	Width (mm)	Line x Row	Number of Tags	Applicable Block Part Numbers
TM20CB	5.8	5.1	20 x 10	200	F20T0P, DM20
TM21CB	5.8	6.1	20 x 10	200	DDP30, DM30
TM22CB	5.8	8	20 x 8	160	DM50
TM26CB	12	5.1	12 x 12	144	DS20, DP25, DG25, DDNS10, DIS10
TM27CB	12	6.1	12 x 10	120	DS30, DP35, DG35
TM28CB	12	8	12 x 7	84	DS50, DP45, DP60, DP100, DP150, DP230, DG60, DG100, DG150, DG230, F520ST, F520STLED, F520DDST, DTST2

Marking Label Ordering Method (typical)

COOPER Bussmann

Example: TM20CB-DH01, Horizontal Marking - L1, L2, L3, N, PE

TM20CB Series - mm



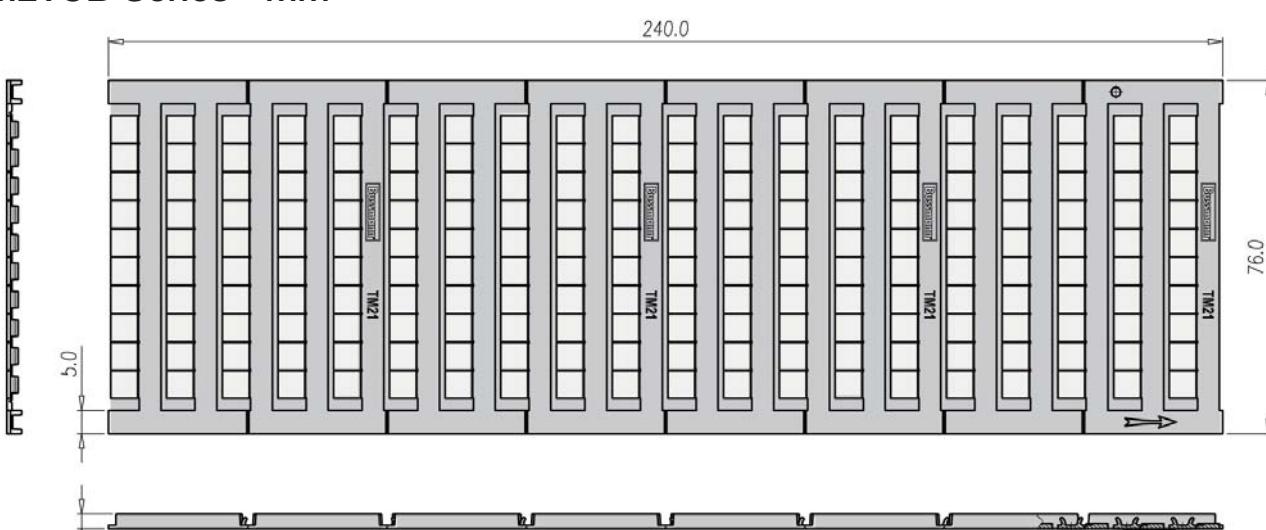
TM20CB

Part Numbers	Descriptions
TM20CB	Marking label, blank
TM20CB-DH01	Marking label, horizontal (L1, L2, L3, N, PE repeated 40 times)
TM20CB-DH02	Marking label, horizontal (L1, L2, L3, N) repeated 40 times
TM20CB-FH01	Marking label, horizontal, 1 to 10, repeated in 20 lines
TM20CB-FH02	Marking label, horizontal, 11 to 20, repeated in 20 lines
TM20CB-FH03	Marking label, horizontal, 21 to 30, repeated in 20 lines
TM20CB-FH04	Marking label, horizontal, 31 to 40, repeated in 20 lines
TM20CB-FH05	Marking label, horizontal, 41 to 50, repeated in 20 lines
TM20CB-EH01	Marking label, horizontal, 1 to 50, repeated in 4 sets
TM20CB-EH02	Marking label, horizontal, 51 to 100, repeated in 4 sets
TM20CB-DV01	Marking label, vertical (L1, L2, L3, N, PE) repeated 40 times
TM20CB-DV02	Marking label, vertical (L1, L2, L3, N) repeated 40 times
TM20CB-FV01	Marking label, vertical, 1 to 10, repeated in 20 lines
TM20CB-FV02	Marking label, vertical, 11 to 20, repeated in 20 lines
TM20CB-EV01	Marking label, vertical, 1 to 50, repeated in 4 sets

TM21CB

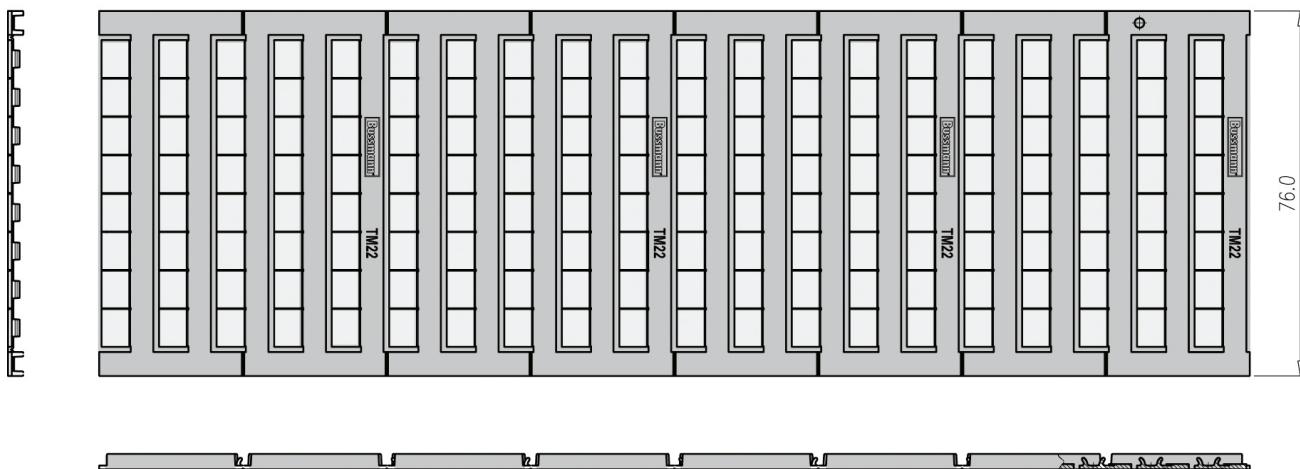
Part Numbers	Descriptions
TM21CB	Marking label, blank
TM21CB-DH01	Marking label, horizontal (L1, L2, L3, N, PE repeated 40 times)
TM21CB-DH02	Marking label, horizontal (L1, L2, L3, N) repeated 40 times
TM21CB-FH01	Marking label, horizontal, 1 to 10, repeated in 20 lines
TM21CB-FH02	Marking label, horizontal, 11 to 20, repeated in 20 lines
TM21CB-FH03	Marking label, horizontal, 21 to 30, repeated in 20 lines
TM21CB-FH04	Marking label, horizontal, 31 to 40, repeated in 20 lines
TM21CB-FH05	Marking label, horizontal, 41 to 50, repeated in 20 lines
TM21CB-EH01	Marking label, horizontal, 1 to 50, repeated in 4 sets
TM21CB-EH02	Marking label, horizontal, 51 to 100, repeated in 4 sets
TM21CB-DV01	Marking label, vertical (L1, L2, L3, N, PE) repeated 40 times
TM21CB-DV02	Marking label, vertical (L1, L2, L3, N) repeated 40 times
TM21CB-FV01	Marking label, vertical, 1 to 10, repeated in 20 lines
TM21CB-FV02	Marking label, vertical, 11 to 20, repeated in 20 lines
TM21CB-EV01	Marking label, vertical, 1 to 50, repeated in 4 sets

TM21CB Series - mm



Marking Label Ordering Method (*typical*)

TM22CB Series - mm



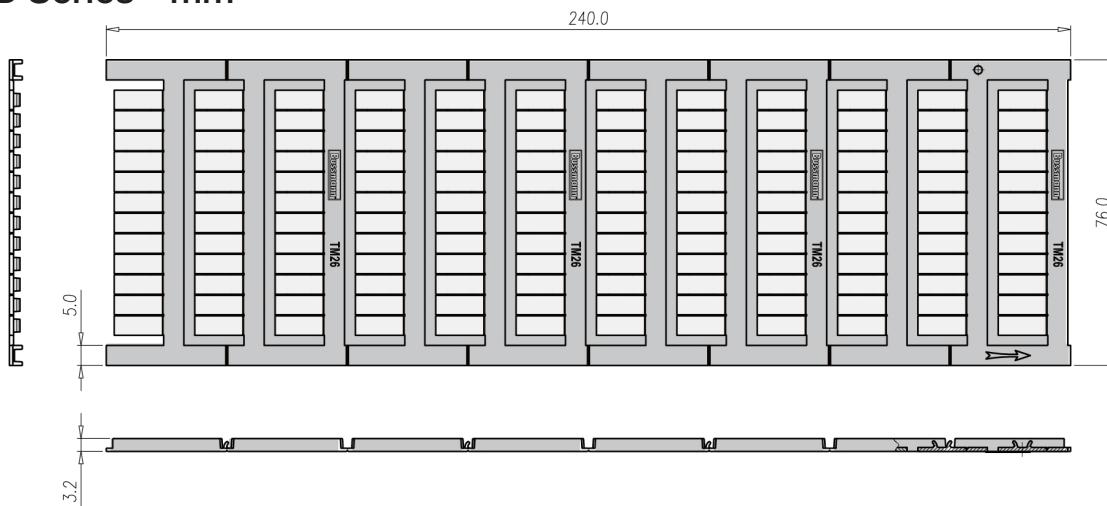
TM22CB

Part Numbers	Descriptions
TM22CB	Marking label, blank
TM22CB-DH01	Marking label, horizontal (L1, L2, L3, N, PE) repeated 30 times
TM22CB-DH02	Marking label, horizontal (L1, L2, L3, N) repeated 40 times
TM22CB-FH01	Marking label, horizontal, 1 to 10, repeated in 16 lines
TM22CB-FH02	Marking label, horizontal, 11 to 20, repeated in 16 lines
TM22CB-FH03	Marking label, horizontal, 21 to 30, repeated in 16 lines
TM22CB-FH04	Marking label, horizontal, 31 to 40, repeated in 16 lines
TM22CB-FH05	Marking label, horizontal, 41 to 50, repeated in 16 lines
TM22CB-EH01	Marking label, horizontal, 1 to 50, repeated in 3 sets
TM22CB-EH02	Marking label, horizontal, 51 to 100, repeated in 3 sets
TM22CB-DV01	Marking label, vertical (L1, L2, L3, N, PE) repeated 30 times
TM22CB-DV02	Marking label, vertical, (L1, L2, L3, N) repeated 40 times
TM22CB-FV01	Marking label, vertical, 1 to 10, repeated in 16 lines
TM22CB-FV02	Marking label, vertical, 11 to 20, repeated in 16 lines
TM22CB-EV01	Marking label, vertical, 1 to 50, repeated in 3 sets

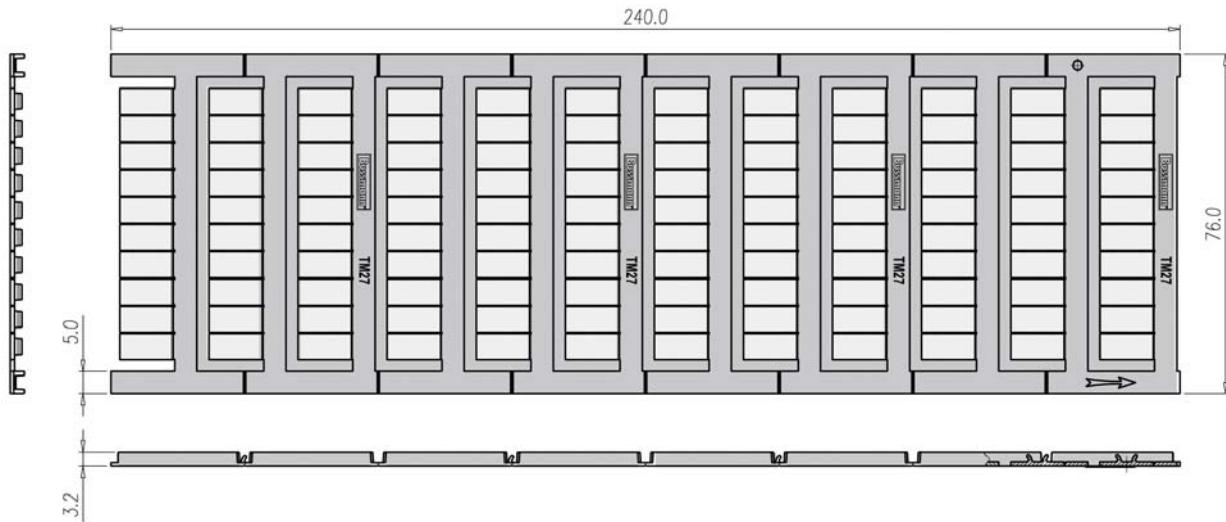
TM26CB

Part Numbers	Descriptions
TM26CB	Marking label, blank
TM26CB-DH01	Marking label, horizontal (L1, L2, L3, N, PE) repeated 24 times
TM26CB-DH02	Marking label, horizontal (L1, L2, L3, N) repeated 36 times
TM26CB-FH01	Marking label, horizontal, 1 to 10, repeated in 12 lines
TM26CB-FH02	Marking label, horizontal, 11 to 20, repeated in 12 lines
TM26CB-FH03	Marking label, horizontal, 21 to 30, repeated in 12 lines
TM26CB-FH04	Marking label, horizontal, 31 to 40, repeated in 12 lines
TM26CB-FH05	Marking label, horizontal, 41 to 50, repeated in 12 lines
TM26CB-EH01	Marking label, horizontal, 1 to 50, repeated in 2 sets
TM26CB-EH02	Marking label, horizontal, 51 to 100, repeated in 2 sets
TM26CB-DV01	Marking label, vertical (L1, L2, L3, N, PE) repeated 24 times
TM26CB-DV02	Marking label, vertical, (L1, L2, L3, N) repeated 36 times
TM26CB-FV01	Marking label, vertical, 1 to 10, repeated in 12 lines
TM26CB-FV02	Marking label, vertical, 11 to 20, repeated in 12 lines
TM26CB-EV01	Marking label, vertical, 1 to 50, repeated in 2 sets

TM26CB Series - mm



TM27CB Series - mm



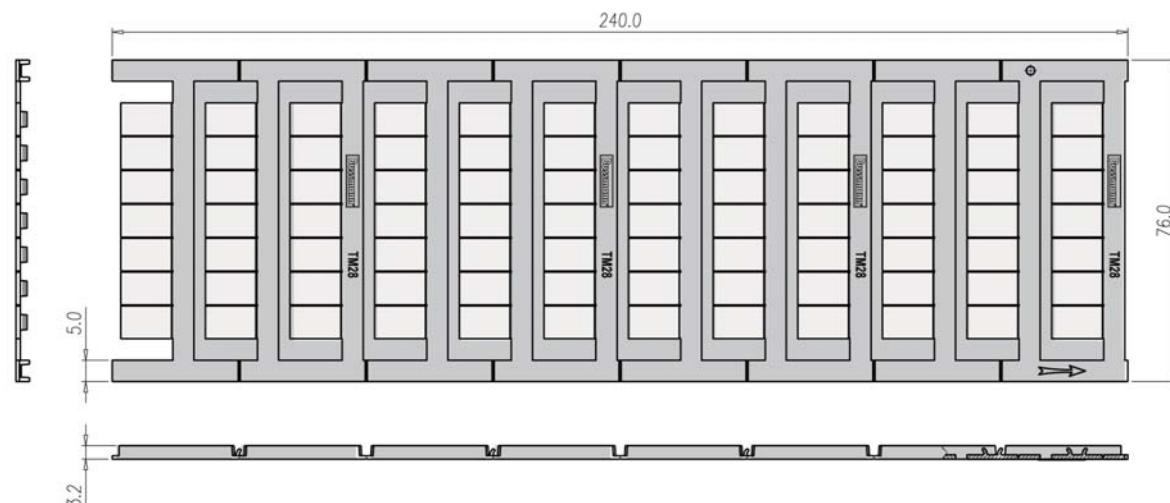
TM27CB

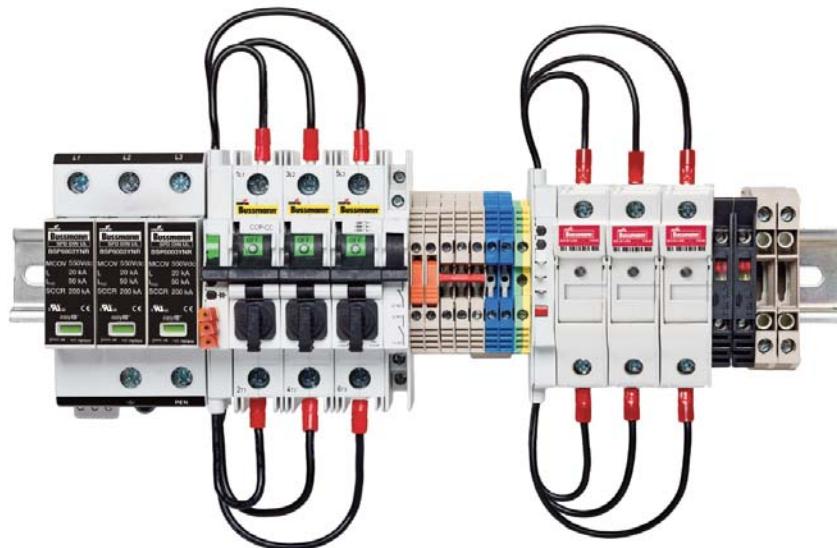
Part Numbers	Descriptions
TM27CB	Marking label, blank
TM27CB-DH01	Marking label, horizontal (L1, L2, L3, N, PE) repeated 24 times
TM27CB-DH02	Marking label, horizontal (L1, L2, L3, N) repeated 24 times
TM27CB-FH01	Marking label, horizontal, 1 to 10, repeated in 12 lines
TM27CB-FH02	Marking label, horizontal, 11 to 20, repeated in 12 lines
TM27CB-FH03	Marking label, horizontal, 21 to 30, repeated in 12 lines
TM27CB-FH04	Marking label, horizontal, 31 to 40, repeated in 12 lines
TM27CB-FH05	Marking label, horizontal, 41 to 50, repeated in 12 lines
TM27CB-EH01	Marking label, horizontal, 1 to 50, repeated in 2 sets
TM27CB-EH02	Marking label, horizontal, 51 to 100, repeated in 2 sets
TM27CB-DV01	Marking label, vertical (L1, L2, L3, N, PE) repeated 24 times
TM27CB-DV02	Marking label, vertical, (L1, L2, L3, N) repeated 24 times
TM27CB-FV01	Marking label, vertical, 1 to 10, repeated in 12 lines
TM27CB-FV02	Marking label, vertical, 11 to 20, repeated in 12 lines
TM27CB-EV01	Marking label, vertical, 1 to 50, repeated in 2 sets

TM28CB

Part Numbers	Descriptions
TM28CB	Marking label, blank
TM28CB-DH01	Marking label, horizontal (L1, L2, L3, N, PE) repeated 12 times
TM28CB-DH02	Marking label, horizontal (L1, L2, L3, N) repeated 20 times
TM28CB-FH01	Marking label, horizontal, 1 to 10, repeated in 8 lines
TM28CB-FH02	Marking label, horizontal, 11 to 20, repeated in 8 lines
TM28CB-FH03	Marking label, horizontal, 21 to 30, repeated in 8 lines
TM28CB-FH04	Marking label, horizontal, 31 to 40, repeated in 8 lines
TM28CB-FH05	Marking label, horizontal, 41 to 50, repeated in 8 lines
TM28CB-EH01	Marking label, horizontal, 1 to 50, repeated in 1 set
TM28CB-EH02	Marking label, horizontal, 51 to 100, repeated in 1 set
TM28CB-DV01	Marking label, vertical (L1, L2, L3, N, PE) repeated 12 times
TM28CB-DV02	Marking label, vertical, (L1, L2, L3, N) repeated 20 times
TM28CB-FV01	Marking label, vertical, 1 to 10, repeated in 8 lines
TM28CB-FV02	Marking label, vertical, 11 to 20, repeated in 8 lines
TM28CB-EV01	Marking label, vertical, 1 to 50, repeated in 1 set

TM28CB Series - mm





Modular Fuse Holders



Modular fuse holders for Class CC, 10x38 and Class J fuse links for remote PLC indication. Also available in size 14x51 and 22x58mm.

See page 27 - 31

NH Bases



Complete range of NH Bases to be used with 400, 500 and 690V NH gG and aM fuse links.

Available as DIN-Rail and/or screw mounting.

See page 33

Surge Protective Devices



Full range of SPDs for Solar, IEC, UL high SCCR, Wind and Low Voltage AC/DC Power and Control applications. Industry's only true, UL 1449 3rd Edition compliant overvoltages protectors.

See page 34 - 35

Compact Circuit Protectors (CCP)



At 1/3 the space required by a molded case circuit breaker, the CCP saves space in your panel. High SCCR DIN-Rail mounted electrical disconnect.

See page 32



CH Series

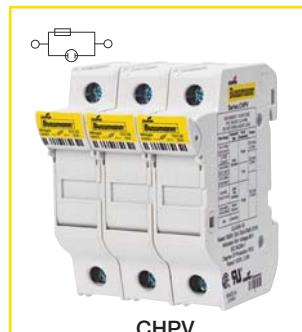
With a wide wire range and industry leading ratings - up to 32A, 1000V, 200kA SCCR - the new CH Series provide worldwide acceptance and easy specification - including the latest PV fuse holder standard: IEC 60269-1, -2 and UL4248-18.

Use with midget, 10x38, PV or Class CC fuse links. Also certified to CCC standard (China Compulsory Certificate).

See brochure MFBRO0312



CHM



CHPV



CHCC

Approval		CE	UL	IEC
Technical Data				
Rated Voltage	600Vac	690Vac		
Rated Current	30A	32A		
Conductor cross-section, solid (mm ²)		1 to 25		
Conductor cross-section, flexible (mm ²)		1 to 25		
Torque (N•m)		3.4		
SCCR		120kA		
W x H x D (mm)		17.5 x 73.9 x 61.8		
Fuse				
Midget			PV 10 x 38	
10 x 38			10 x 38	
1-pole	CHM1DIU	1-pole	CHPV1IU	1-pole
2-pole	CHM2DIU	2-pole	CHPV2IU	2-pole
3-pole	CHM3DIU	3-pole	N/A	3-pole
4-pole	CHM4DIU	4-pole	N/A	4-pole
1-pole	CHM1DU	1-pole	CHPV1U	1-pole
2-pole	CHM2DU	2-pole	CHPV2U	2-pole
3-pole	CHM3DU	3-pole	N/A	3-pole
4-pole	CHM4DU	4-pole	N/A	4-pole
1-pole + Neutral	CHM1DNIU	1-pole + Neutral	N/A	1-pole
3-pole + Neutral	CHM3DNIU	3-pole + Neutral	N/A	3-pole
1-pole + Neutral	CHM1DNU	1-pole + Neutral	N/A	1-pole + Neutral
3-pole + Neutral	CHM3DNU	3-pole + Neutral	N/A	3-pole + Neutral
1-pole	CHM1DNXU	1-pole	N/A	1-pole
1-pole	CHM1DI-48U	1-pole	N/A	1-pole
Mounting Rail		DRL35MMHI	DRL35MMHI	DRL35MMHI
		DRL35MMLO	DRL35MMLO	DRL35MMLO
Tool		⊕	⊕	⊕

Approval		CE	UL	IEC
Technical Data				
Rated Voltage		1000Vdc		
Rated Current	30A	32A		
Conductor cross-section, solid (mm ²)		1 to 25		
Conductor cross-section, flexible (mm ²)		1 to 25		
Torque (N•m)		3.4		
SCCR		33kA		
W x H x D (mm)		17.5 x 73.9 x 61.8		
Fuse				
PV 10 x 38				
10 x 38				
1-pole	CHPV1IU	1-pole	CHCC1DIU	1-pole
2-pole	CHPV2IU	2-pole	CHCC2DIU	2-pole
3-pole	N/A	3-pole	CHCC3DIU	3-pole
4-pole	N/A	4-pole	N/A	4-pole
1-pole	CHPV1U	1-pole	CHCC1DU	1-pole
2-pole	CHPV2U	2-pole	CHCC2DU	2-pole
3-pole	N/A	3-pole	CHCC3DU	3-pole
4-pole	N/A	4-pole	N/A	4-pole
2-pole	N/A	2-pole	N/A	2-pole
4-pole	N/A	4-pole	N/A	4-pole
1-pole + Neutral	N/A	1-pole + Neutral	N/A	1-pole + Neutral
3-pole + Neutral	N/A	3-pole + Neutral	N/A	3-pole + Neutral
1-pole + Neutral	N/A	1-pole + Neutral	N/A	1-pole + Neutral
3-pole + Neutral	N/A	3-pole + Neutral	N/A	3-pole + Neutral
1-pole	N/A	1-pole	CHCC1DI-48U	1-pole
1-pole	N/A	1-pole	N/A	1-pole
Mounting Rail		DRL35MMHI	DRL35MMHI	DRL35MMHI
		DRL35MMLO	DRL35MMLO	DRL35MMLO
Tool		⊕	⊕	⊕

Approval		UL
Technical Data		
Rated Voltage	600Vac	
Rated Current	30A	
Conductor cross-section, solid (mm ²)	1 to 25	
Conductor cross-section, flexible (mm ²)	1 to 25	
Torque (N•m)	3.4	
SCCR	200kA	
W x H x D (mm)	17.5 x 73.9 x 61.8	
Fuse		
Class CC		
1-pole	CHCC1DIU	1-pole
2-pole	CHCC2DIU	2-pole
3-pole	CHCC3DIU	3-pole
4-pole	N/A	4-pole
1-pole	CHCC1DU	1-pole
2-pole	CHCC2DU	2-pole
3-pole	CHCC3DU	3-pole
4-pole	N/A	4-pole
2-pole	N/A	2-pole
4-pole	N/A	4-pole
1-pole + Neutral	N/A	1-pole + Neutral
3-pole + Neutral	N/A	3-pole + Neutral
1-pole + Neutral	N/A	1-pole + Neutral
3-pole + Neutral	N/A	3-pole + Neutral
1-pole	CHCC1DI-48U	1-pole
1-pole	N/A	1-pole
Mounting Rail		DRL35MMHI
		DRL35MMLO
Tool		⊕



Comb-Bus Bar

Easily distribute power in single-phase or three-phase configurations. Flexible cut-to-length solutions without compromising on the product's finger-safe features. Can be used with the CHM and CHCC Series.

See brochure MFBRO0312

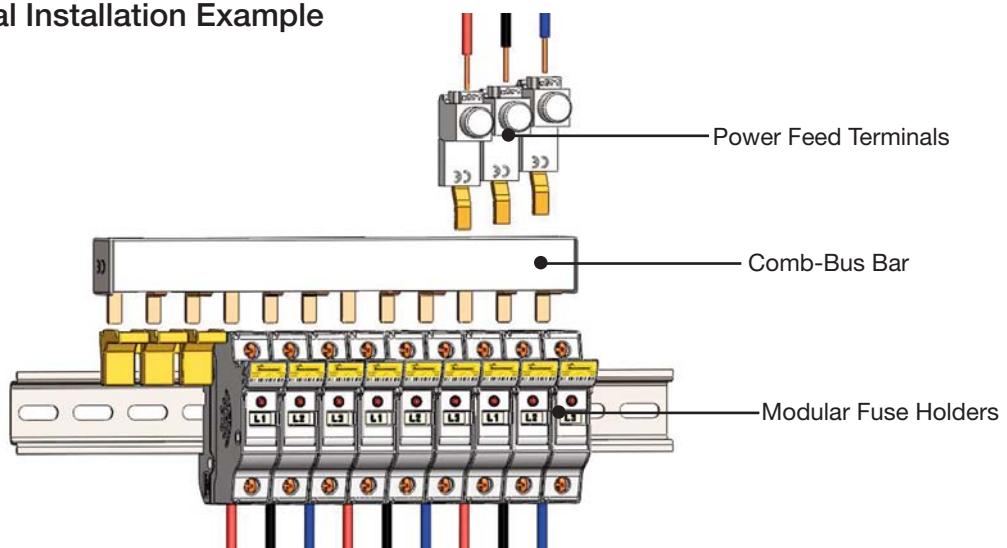
Specifications

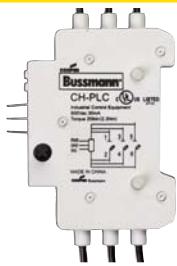
- Agency Information: UL 508. File E195399
- Pitch: 17.8mm
- SCCR: 10kA (default)
100kA (with upstream Class J 200A fuses)
- Max Current: 100A (power feed from end)
200A (power feed from center)
- Max Voltage: 600Vac/dc (three phase)
1000Vdc/600Vac (single phase)

Selection Guide

Part Number	Description
BB1P100M3	Single-phase 1000Vdc busbar, 100A, 3 pins, assembled endcap
BB1P100M6	Single-phase 1000Vdc busbar, 100A, 6 pins, assembled endcap
BB1P100M9	Single-phase 1000Vdc busbar, 100A, 9 pins, assembled endcap
BB1P100M12	Single-phase 1000Vdc busbar, 100A, 12 pins, assembled endcap
BB1P100M15	Single-phase 1000Vdc busbar, 100A, 15 pins, assembled endcap
BB1P100M57	Single-phase 1000Vdc cuttable busbar, 100A, 57 pins, without endcap
BB3P100M6	Three-phase 600V busbar, 100A, 6 pins, assembled endcap
BB3P100M9	Three-phase 600V busbar, 100A, 9 pins, assembled endcap
BB3P100M12	Three-phase 600V busbar, 100A, 12 pins, assembled endcap
BB3P100M15	Three-phase 600V busbar, 100A, 15 pins, assembled endcap
BB3P100M57	Three-phase 600V cuttable busbar, 100A, 57 pins, without endcap
ECAP1P	Single-phase busbar endcap
ECAPMP	Three-phase busbar endcap
PWR35MM	35mm ² feeder terminal for three-phase busbar (115A, 1000Vac/dc)
FSCVR	Spare contact safety protection covers
PWR1PLP	Single-phase low-profile feeder terminal (115A, 1000Vac/dc)
PWR50MM	50mm ² direct feed terminal (1000Vac/dc)

Typical Installation Example





CH-PLC

Make it Simple with Cooper Bussmann resettable three-phase remote fuse monitor that integrates with a Programmable Logic Controller (PLC) or other monitoring and control equipment. Can be used with the CHM and CHCC Series.

See brochure MFBRO0312

Specifications

- Power Input: 24Vdc / 5mA
- Sensing Voltage: 600V/30mA
- Output Signals: Digital 0Vdc (Low), 24Vdc (High)
 - 0Vdc Low – Fuse is good
 - 24Vdc High – Fuse has opened

When the fuse opens, the output signal is sent high and will remain high until the unit is reset

- Rated Impulse Voltage: 8kV
- Local Indication: Two distinct LEDs indicate unit power (green) and open fuse (red). Upon the replacement of the fuse, the actuation of the reset switch will reset the open fuse LED
- Flammability Rating: UL 94V0

Wiring:

- For power, signal and ground connections use 22-24AWG (0.25mm²) 300V rated wire

Electromagnetic Compatibility (EMC) Testing:

- Electrostatic Discharge Immunity IEC 61000-4-2
- Electrical Fast Transient/Burst Immunity IEC 61000-4-4
- Surge Immunity IEC 61000-4-5

Packaging:

- The CH-PLC is packaged individually
- A single unit monitors up to three phases
- Package includes 0.11" (2.8mm) quick connects for power, signal and ground connections

Minimum Circuit Voltage:

- Minimum circuit voltage required across the CH holder is 100Vac for the remote indication device to operate

Installation Technique:

- Mounts on the left side of the fuse holder and mechanically interlocks with the fuse holder switch handle with hardware provided

IP20 Rating: Yes

Environmental Data:

- Storage and Operating Temperature: -20°C to 75°C

Agency Information:

- UL 508
- cULus to CSA Standard 22.2 No.14

PLC Programming:

- The CH-PLC signal line is designed to provide a digital input to a PLC I/O card.
- Programmable Logic Control program must be written to properly interpret the input signal to the PLC.
- The PLC program should check for consecutive high signals before taking action on a critical process.

De-energise all circuits before installing or removing any CH-PLC devices and follow all prescribed safety procedures.

Modular Fuse Holders - 14x51mm

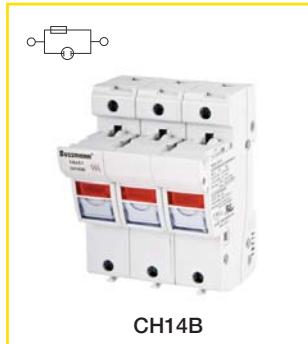


CH14B Series

With a wide wire range and industry leading ratings - up to 50A, 1500Vdc, 200kA SCCR - the CH14B Series provide worldwide acceptance and easy specification.

Use with 14x51mm cylindrical fuse links, PVA14F photovoltaic fuse links and FW ferrule fuse links.

See data sheet 720148



CH14B



CH14B-PV

Approval

Technical Data	IEC	UL
Rated Voltage	690Vac	750Vac
Rated Current	50A	50A
Conductor cross-section, solid (mm ²)	1.5-35mm ²	
Conductor cross-section, flexible (mm ²)	1.5-25mm ²	
Torque (N•m)	3	
SCCR	200kA	
W x H x D (mm)	26.5 x 110 x 76	
Fuse	C14G and C14M	
	FW ferrule	
Multi-pole with Indicator	1-pole 2-pole 3-pole 4-pole	CH141BI CH142BI CH143BI CH144BI
Multi-pole without Indicator	1-pole 2-pole 3-pole 4-pole	CH141B CH142B CH143B CH144B
With Neutral Pole and Indicator	1-pole + Neutral 3-pole + Neutral	CH141BNI CH143BNI
With Neutral Pole and no Indicator	1-pole + Neutral 3-pole + Neutral	CH141BN CH143BN
Neutral only	1-pole	CH141BNX
With Microswitch fuse operation only	1-pole 3-pole	CH141BMS CH143BMS
With Microswitch pre-breaking/fuse operation/presence	1-pole 3-pole	CH141BMS-F CH143BMS-F
With Microswitch and Neutral	4-pole 4-pole	CH143DNMS CH14BNMS-F*
Mounting Rail		DRL35MMHI DRL35MMLO
Tool		

Approval

Technical Data	IEC	
Rated Voltage	1500Vdc	
Rated Current	32A	
Conductor cross-section, solid (mm ²)	1.5-35mm ²	
Conductor cross-section, flexible (mm ²)	1.5-25mm ²	
Torque (N•m)	3	
SCCR	200kA	
W x H x D (mm)	26.5 x 110 x 49.5	
Fuse	PV-A14F	
Multi-pole without Indicator	1-pole 2-pole	CH141B-PV CH142B-PV
Mounting Rail		DRL35MMHI DRL35MMLO
Tool		

* pre-breaking/fuse operation/presence microswitch



CH22B Series

With a wide wire range and industry leading ratings - up to 125A, 750Vac, 200kA SCCR - the CH22B Series provide worldwide acceptance and easy specification.

Use with 22x58mm cylindrical fuse links and FW ferrule fuse links.

See data sheet 720150



CH22B

Approval



	IEC	UL
Rated Voltage	690Vac	750Vac
Rated Current	125A	100A
Conductor cross-section, solid (mm ²)	1.5-50mm ²	
Conductor cross-section, flexible (mm ²)	1.5-35mm ²	
Torque (N•m)	4	
SCCR	200kA	
W x H x D (mm)	35 x 126.5 x 76	
Fuse	C22G and C22M	
	FW ferrule	
Multi-pole without Indicator	1-pole 2-pole 3-pole 4-pole	CH221B CH222B CH223B CH224B
With Neutral Pole	1-pole + Neutral 3-pole + Neutral	CH221BN CH223BN
Neutral only	1-pole	CH221BNX
With Microswitch (fuse operation)	1-pole + Neutral 3-pole + Neutral	CH221BMS CH223BMS
Mounting Rail		DRL35MMHI DRL35MMLO
Tool		⊕

Compact Circuit Protectors (CCP) Series



CCP Series

The revolutionary Cooper Bussmann CCP is 1/3 the footprint of a molded base circuit breaker. The level of protection provided by the CCP is up to three times the Short-Circuit Current Rating (SCCR) at full voltage than a molded case circuit breaker while providing disconnecting means.

See data sheet 1157

Specifications

- Box Lug and Spade Terminal suitable for line, load or accessory connection
- Box Lug Connection:
 - 18-6 AWG (1 to 16mm²) single or dual rated, solid or stranded – 75°C or higher - Cu only
 - 4 AWG (25mm²) single – 75°C or higher - Cu only
- Spade Terminal Connection:
 - Max. 30A suitable for use with #8-32 UNC (M4) screw
- Torque:
 - 18-10 AWG 20 Lb-In (1-6mm²/3.4N•m)
 - 8-4 AWG 35 Lb-In (10-25mm²/5.8N•m)
- Lockout/tagout: 4mm shank lock or standard pin-out devices
- 35mm DIN-Rail mount
- Dimensionally compliant to DIN 43880
- Local indication minimum operating voltage:
 - 90Vac for AC version
 - 12Vdc for DC version

Agency Information

UL Class CC fuse version

- UL 98 Listed, File E302370, Guide WHTY
- cULus to CSA Standard 22.2 No. 4-04, File 302370, Guide WHTY7
- CE Compliant

UL Midget fuse version

- UL 508 Listed
- cULus Certified 22.2 No. 14-05
- CE Compliant

10x38 IEC Class aM and gG/gL fuse version

- IEC 60947-3 AC23A
- IEC 60947-3 DC23A
- CE Compliant

Shipping Weight

- 2.84 lbs (1.29kg) per carton



NH Bases

NH fuse bases with thermoplastic bodies, DIN-Rail and/or screw mounting (size 4 screw mounting only).

Range of accessories available including phase barriers, IP20 finger-safe protection kits and neutral links. Microswitch also available for remote signaling of fuse link operation.

See data sheet 720136

Specifications

Catalogue Symbol:

SD(size)-D, SD(size)-S: 1-pole

TD(size)-D, TD(size)-DI: 3-pole

Size 4: SD4-S and SD4-S1600

Technical Data:

Rated Voltage: 690Vac

Rated Current: 160 - 1600A

Rated for Fuse Links with Breaking Capacity: 120kA

Features

- Complies with IEC 60269-1 and 2 fuse system A (NH base), manufacturers' type test certificates of compliance available.
- 3-Pole integral NH00 base available with reduced width.
- Clip-in phase barriers, terminal shrouds and fuse covers available.
- Vibration tested to IEC 60068-2-6 for marine use.
- Full range of accessories available.

Agency Information

- IEC 60269-1 and 2
- VDE 0636-1 and 2

Surge Protective Devices



SPD Series

Surge Protection Made Simple™
High performance lightning and surge protection products for all photovoltaic, IEC, wind and power applications.

Modular 35mm DIN-Rail design with colour-coding and rejection features makes it easy to identify, install and maintain.



SPD PV



SPD IEC



SPD UL SCCR

Patented, Fast-Acting and Safe Surge Protection Solutions for Global Photovoltaic Solutions

- Patented, fast-acting Short-Circuit Interrupting (SCI) technology responds efficiently to overvoltage conditions.
- Built-in overcurrent protection eliminates the need for any additional fuse installation and wiring.
- easyID™ Visual indication and optional remote contact signaling make status monitoring simple.
- Modular DIN-Rail design with color-coding and rejection feature makes it easy to identify, install and maintain.

For further details see data sheets:

- Class I
- Lightning Arrester One-Pole # 2148
- Class II
- Surge Arrester Two modules # 2145
- Surge Arrester Three Modules # 2055

High Performance Lightning and Surge Protection Products for all IEC Applications

- Vibration and shock resistant according to EN 60068-2 standards.
- easyID™ Visual indication and optional remote contact signaling make status monitoring simple.
- High surge discharge capacity due to heavy-duty zinc oxide varistor and spark gap technology.
- Wide range of IEC Class I and Class II SPD covering all the major markets around the world.
- Modular DIN-Rail design with color-coding and rejection features makes it easy to identify, install and maintain.

For further details see data sheets:

- Class I:
 - 2-Pole # 1163
 - 3-Pole # 1164
 - 4-Pole # 1165
- Class II:
 - 1-Pole # 1166
 - 2-Pole # 1167
 - 3-Pole # 1168
 - 4-Pole # 1169

Comprehensive High SCCR Surge Protection Solutions for North American UL 508A Applications

- UL 1449 3rd Edition Recognised SPD devices provide optimum surge protection for the United States and Canadian panel markets.
- Modular DIN-Rail design with color coding and rejection feature makes it easy to identify, install and maintain.
- easyID™ Visual indication and optional remote contact signaling make status monitoring simple.
- Vibration and shock resistant according to EN 60068-2 standards to withstand harsh environments.
- IP20 Finger-safe design improves electrical safety.

For further details see data sheets:

- 1-Pole # 2149
- 2-Pole # 2150
- 3-Pole # 2151
- 4-Pole # 2152



SPD Wind



SPD Low Voltage AC/DC Power & Control

Advanced, Easy-to-Use Surge & Lightning Protection Products for Wind Power Systems

- Modular DIN-Rail design with color-coding and rejection features makes it easy to identify, install and maintain.
- High surge discharge capacity due to heavy-duty zinc oxide varistor and spark-gap technology.
- **easyID™** Visual indication and optional remote contact signaling make status monitoring simple.
- Vibration and shock resistant according to EN 60068-2 standards.
- Wide range of IEC Class I and Class II SPD covering all the major markets around the world.

For further details see data sheets:

- Class I:
 - 1-Pole # 2091
- Class II:
 - 1-Pole # 2092
 - 2-Pole # 2093
 - 3-Pole # 2094
 - 4-Pole # 2095

Efficient and reliable Network Protection for Low Voltage and Telecommunication Applications.

- Modular DIN-Rail design with color-coding and rejection feature makes it easy to identify, install and maintain.
- High surge discharge capacity provided by combination of spark-gap and heavy-duty zinc oxide varistor.
- **easyID™** Visual indication and optional remote contact signaling make status monitoring simple.
- Vibration and shock resistant according to EN 60068-2 standards.
- Energy coordination with other Cooper Bussmann DIN-Rail surge protective devices

For further details see data sheets:

- Type 2:
 - 1-Pole Power # 2056
- Type 3:
 - 2-Pole Control # 2057

Customer Assistance

Customer Satisfaction Team

The Cooper Bussmann Customer Satisfaction Team is available to answer questions regarding Cooper Bussmann products.

Europe calls can be made between:

Monday - Thursday	7.30 a.m. - 5.30 p.m. GMT
Friday	7.30 a.m. - 5.00 p.m. GMT

The Customer Service Satisfaction Team can be reached via:

- Phone: 00 44 (0) 1509 882 600
- Fax: 00 44 (0) 1509 882 786
- Email: bulesales@cooperindustries.com

C³ Cooper Customer Center

The Cooper C³ portal supports the following Cooper Divisions: Cooper B-Line, Cooper Bussmann, Cooper Crouse-Hinds, Cooper Lighting, Cooper Power Systems, Cooper Safety, and Cooper Wiring Devices.

Get started today at WWW.COOPERC3.COM by clicking Request User ID and Password.

- Easy to Navigate
- Simple to Use
- Real-Time Data

Online Resources

Visit www.cooperbussmann.com for the following resources:

- Product cross reference
- Product profiles
- Online catalogues for the latest United States and European catalogues

Application Engineering

Application Engineering assistance is available to all customers. The Application Engineering team is staffed by university-qualified electrical engineers who are available with technical and application support.

Europe calls can be made between:

Monday - Thursday	8.30 a.m. - 4.30 p.m. GMT
Friday	8.30 a.m. - 4.00 p.m. GMT

Application Engineering can be reached via:

- Phone: 00 44 (0) 1509 882 699
- Fax: 00 44 (0) 1509 882 794
- Email: buletechnical@cooperindustries.com

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