

S66™ Connecting Block System

The Siemon S66 connecting block system is a proven, economical connecting block solution supporting up to category 5e performance levels. It's familiar, user-friendly termination features, reliable performance and wide range of styles and configurations make the 66 block an ideal choice for supporting technologies such as analog voice, Voice over IP (VoIP) and Gigabit ethernet. The Siemon S66 block system is supported by a full range of mounting, cable management, labeling and over voltage protection accessories

Section Contents

Field -Terminated M Series S66 Blocks	.5.22
Pre-Wired S66 Blocks	.5.23
S66 Modular Jack Blocks	.5.24
S66M425-2T2-8	.5.25
S66M1-50-3T25	.5.25
Network Interface Blocks	.5.26
S66M425-128LR	.5.26
Field-Terminated B Series S66 Blocks	.5.27
Stand-Off Brackets for S66 Blocks	.5.28
Cross-Connect Frames and Accessories	.5.29
Metal Housings	.5.30
Snap-on Covers	.5.30
Hinge Covers	.5.31
Labels and Designation Strips	.5.31
Bridging Clips and Accessories	.5.32
Organizer Rings	.5.33
Wire Distribution Spools	.5.33
Tap Adapters®	.5.33
SMAK® Kit	.5.33
Pico® Protector and Accessories	.5.34 - 5.35

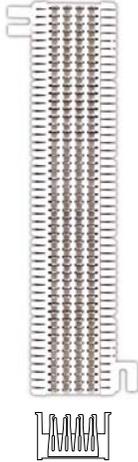
S66™ Connecting Block System

Field-Terminated M Series S66 Blocks

4 x 50 Blocks

S66M1-50
 Pair Capacity: 50,
 Quick Clip: 500

*height: 254mm (10 in.),
 width: 86.4mm (3.4 in.),
 depth: 30.5mm (1.2 in.)*



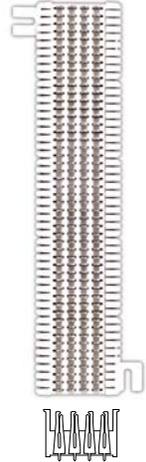
S66M1-25
 Pair Capacity: 25,
 Quick Clip: 569

*height: 254mm (10 in.),
 width: 86.4mm (3.4 in.),
 depth: 24.6mm (1.0 in.)*



S66M1-100
 Pair Capacity: 100,
 Quick Clip: 279MS*

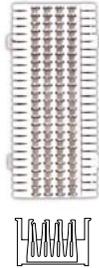
*height: 254mm (10 in.),
 width: 86.4mm (3.4 in.),
 depth: 30.5mm (1.2 in.)*



4 x 25 Blocks

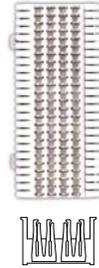
S66M4-12
 Pair Capacity: 12,
 Quick Clip: 569

*height: 127mm (5 in.),
 width: 53.3mm (2.1 in.),
 depth: 30.5mm (1.2 in.)*



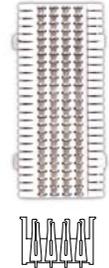
S66M4-24
 Pair Capacity: 24,
 Quick Clip: 571

*height: 127mm (5 in.),
 width: 53.3mm (2.1 in.),
 depth: 30.5mm (1.2 in.)*



S66M4-50
 Pair Capacity: 50,
 Quick Clip: 279MS*

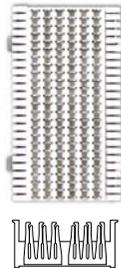
*height: 127mm (5 in.),
 width: 53.3mm (2.1 in.),
 depth: 30.5mm (1.2 in.)*



6 x 25 Blocks

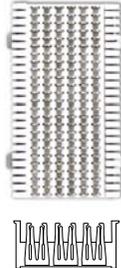
S66M6-24
 Pair Capacity: 24,
 Quick Clip: 843

*height: 127mm (5 in.),
 width: 71.1mm (2.8 in.),
 depth: 30.5mm (1.2 in.)*



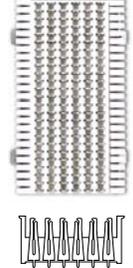
S66M6-36
 Pair Capacity: 36,
 Quick Clip: 842

*height: 127mm (5 in.),
 width: 71.1mm (2.8 in.),
 depth: 30.5mm (1.2 in.)*



S66M6-75
 Pair Capacity: 75,
 Quick Clip: 279MS*

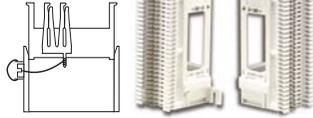
*height: 127mm (5 in.),
 width: 71.1mm (2.8 in.),
 depth: 30.5mm (1.2 in.)*



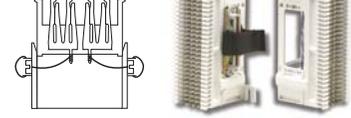
*All connecting blocks that use the 279MS quick clip have a tail pin that protrudes 3.3mm (0.13 in.) below the retainer base.
 Note: Center-to-center vertical spacing between rows of clips is 6.4mm (0.25 in.).

Pre-Wired M2 Series

S66M2-3W
 Pair Capacity: 25
 One female 25-pair
 connector



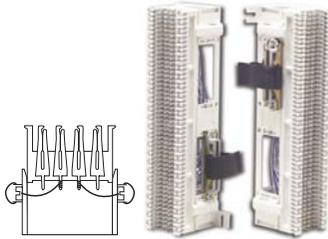
S66M2-5W
 Pair Capacity: 50
 Two female 25-pair
 connectors



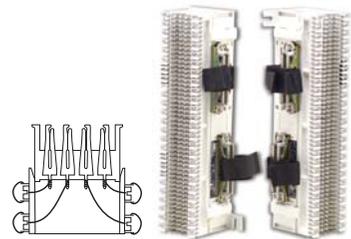
Add "B" for back mounted connector (not shown), add "M" for male connector. Please call for connector/block compatibility.
 Note: all connector options not available for all blocks.

Pre-Wired M4 Series

S66M4-2W
 Pair Capacity: 50
 (bridged)
 Two female 25-pair
 connectors



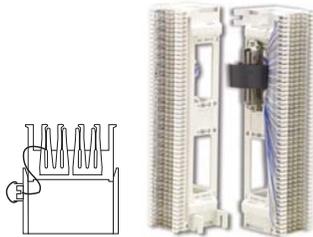
S66M4-4W
 Pair Capacity: 100
 (unbridged)
 Four female 25-pair
 connectors



Add "B" for back mounted connector (not shown), add "M" for male connector. Please call for connector/block compatibility.
 Note: all connector options not available for all blocks.

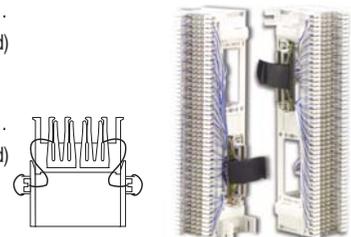
Pre-Wired 157 Series

157A
 Pair Capacity: 25
 One male 25-pair
 connector



157B
 Pair Capacity: 50 (unbridged)
 Two male 25-pair
 connectors

157C
 Pair Capacity: 50 (unbridged)
 Two female 25-pair
 connectors



Modular Jack Blocks

S66M2-5T-68L
Six 8-position, 4-pair modular jacks,
T568B



S66M2-5T-84L
Eight 6-position, 2-pair modular jacks,
USOC



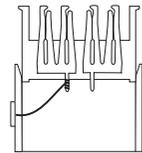
S66M2-5T-124LR
Twelve 6-position, 2-pair modular jacks,
USOC



S66M2-5T-128LR
Twelve 8-position, 4-pair modular jacks,
T568B



End view of blocks with modular jacks



Pre-Wired Modular Jack Blocks

S66M2-5T-68L-125R
Six 4-pair modular jacks,
one 25-pair female connector, T568B



S66M2-5T-84L-125R
Eight 6-position, 2-pair
modular jacks, one 25-pair
female connector, USOC

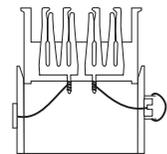


S66M25T-124LR-125R
Twelve 6-position, 2-pair
modular jacks, one 25-pair female
connector, USOC



S66M2-5T-86L-125R
Eight 6-position, 3-pair
modular jacks, one 25-pair
female connector, USOC

End view of blocks with modular jacks
and a 25-pair connector



Modular Patch Blocks®

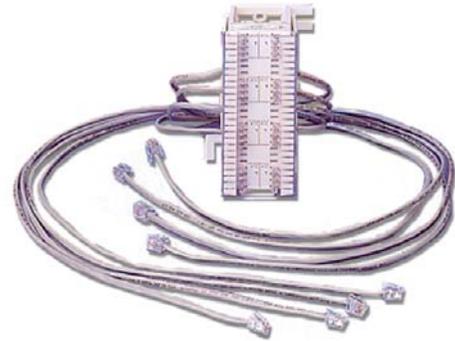
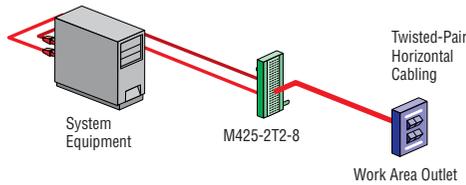
Our economical Modular Patch Blocks provide a convenient 24-port modular cross-connect field for equipment with 25-pair female connector input. They are excellent for use with voice, broadcast, or alarm systems. The blocks fit a standard 66M block footprint for backboard or rack mounting applications.

Part #	Description
SPB-V1	One, 25-pair connector wired to 24, 1-pair 6-position modular jacks, USOC. Black universal hold-down
SPB-V2	Two, 25-pair connectors, each wired to 24, 2-pair 6-position modular jacks, USOC. One black, one blue universal hold-down
SPB-V4	Four, 25-pair connectors, each wired to 24, 4-pair modular jacks, USOC. Black, blue, red, and green universal hold-downs
SPB-V4-ATT	Four, 25-pair connectors, each wired to 24, 4-pair modular jacks, T568B. Black, blue, red, and green universal hold-downs



S66M425-2T2-8

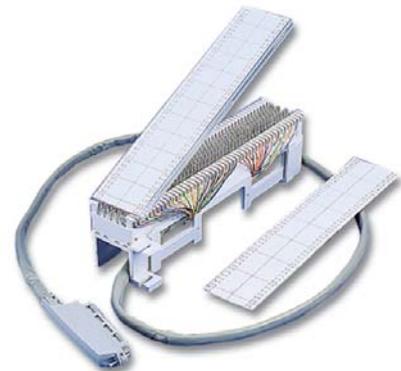
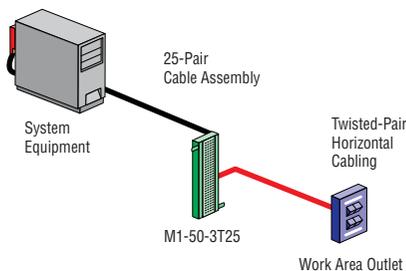
This block is pre-wired to eight 6-position, 2-pair modular cords, each 0.61m (2 ft) long, and it is also equipped with an S89E bracket, clear plastic cover, and designation labels. It is ideal for use with 2-pair key systems that have modular jacks. Two-pair station cables are punched down on the face of the block and the modular cords are plugged into the ports of the key service unit.



S66M1-50-3T25

Designed for use with key systems that have a 25-pair male connector, this block is also ideal for 10BASE-T hubs that have a 25-pair male connector. It provides a 0.91m (3 ft) long, high-performance 25-pair cable (female) that is category 3 compliant, punched down to Row D. Also comes with a protective cover and labels for 2- and 3-pair systems.

Add "M" for male connector.



Network Interface Block - S66M1-50R

The M1-50 block with one female 25-pair connector is oriented for bottom cable entry and pre-wired to Row D. Uses S89D bracket (included) and blue/white wiring between 25-pair connector and S66 quick clip. Orange hinged cover included.

Add "M" for male connector.



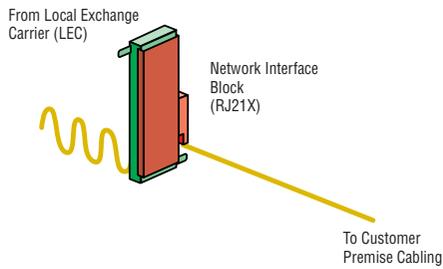
S66M1-50R

Network Interface Block - 700A-66-B1-25

Same as S66M1-50R except it uses S89B bracket and color-coded 25-pair cable between 25-pair connector and S66™ quick clips.

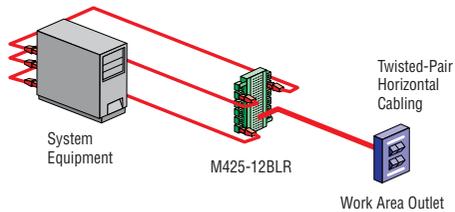


700A-66-B1-25



S66M425-128LR

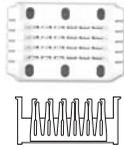
Designed for use with 4-pair key systems with modular jack connectors on the equipment. This block has twelve, 4-pair modular jacks wired to T568B specifications. It is also useful for 10BASE-T systems that use modular jack outputs. Jacks and the S66 block are mounted on a printed circuit board and are clearly labeled. The block is mounted on an S89E bracket and can be removed for cable management.



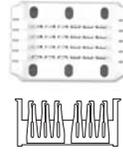
Field-Terminated B Series S66™ Blocks

6 x 4 Blocks

S66B4-2
 Pair Capacity: 2,
 Quick Clip: 848



S66B3-4
 Pair Capacity: 4,
 Quick Clip: 843



height: 48.3mm (1.9 in.),
 width: 71.1mm (2.8 in.),
 depth: 30.5mm (1.2 in.)

6 x 6 Blocks

S66B4-3
 Pair Capacity: 3,
 Quick Clip: 848



S66B3-6
 Pair Capacity: 6,
 Quick Clip: 843 Includes
 CV-6 cover
 (see page 11.13)



height: 61.0mm (2.4 in.),
 width: 71.1mm (2.8 in.),
 depth: 30.5mm (1.2 in.)

6 x 12 Blocks

S66B1-6
 Pair Capacity: 6,
 Quick Clip: 848



S66B1-12
 Pair Capacity: 12,
 Quick Clip: 843



height: 99.1mm (3.9 in.),
 width: 71.1mm (2.8 in.),
 depth: 30.5mm (1.2 in.)

6 x 50 Blocks

height: 340.0mm (13.4 in.),
 width: 71.1mm (2.8 in.),
 depth: 30.5mm (1.2 in.)

S66B4-25
 Pair Capacity: 25,
 Quick Clip: 848



S66B3-50
 Pair Capacity: 50,
 Quick Clip: 843



S66B3-75
 Pair Capacity: 75,
 Quick Clip: 842



Note: Center-to-center vertical spacing between rows of clips is 6.4mm (0.25 in.).

Stand-Off Brackets for S66™ Blocks

All of our brackets are designed to create clean, efficient, and space-saving installations when used with S66 connecting blocks. They are open-ended to enable installers to lay in cable before snapping a block into place. 25-pair connectors and/or modular components can be mounted on the sides or back of the brackets. The brackets are molded from flame retardant thermoplastic.

Which bracket do you need?

It depends on the block you're ordering ...

Block Type	Bracket
M4 X 50*	S89B or S89D
M4 X 25	S89E
M6 X 25	S89F
B6 X 50	SB6
All other B-type	SB8-10

*The M1-100 can only be used with the S89D bracket.



The stand-off brackets (S89D shown) allow cables to be routed behind blocks and provide a means to route cables to the front of the block for termination.

S89D

Use with all M4 X 50 blocks. Can mount two 25-pair connectors on each side and four on the back



S89B

Use with M1-25 or M1-50 blocks. Can mount one 25-pair connector on each side



S89E

Use with all M4 X 25 blocks. Can mount one 25-pair connector on each side and two on the back



S89F

Use with all M6 X 25 blocks. Can mount one 25-pair connector on each side and three on the back



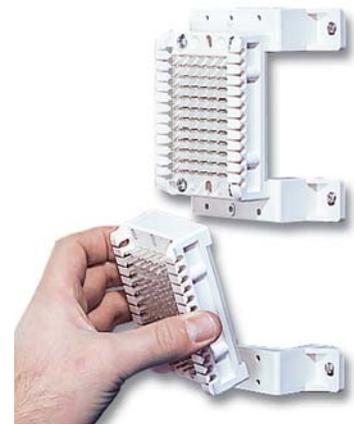
SB6

Use with all B6 X 50 series blocks. Can mount three 25-pair connectors on each side and six on the back



SB8-10

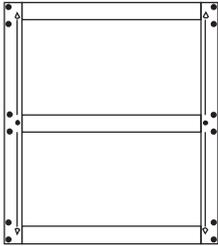
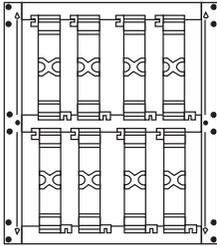
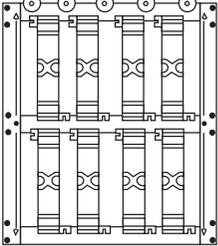
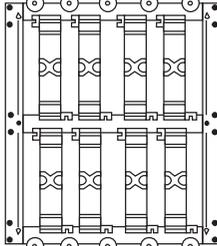
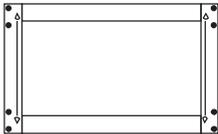
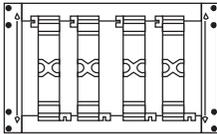
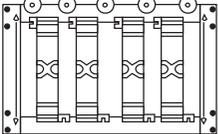
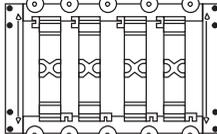
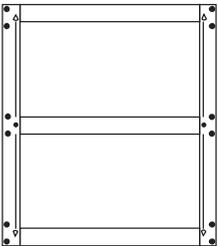
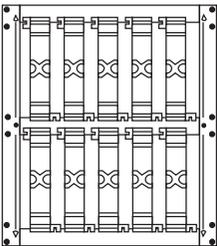
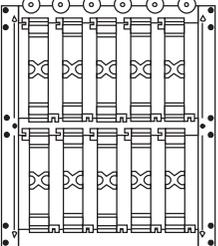
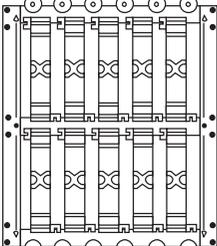
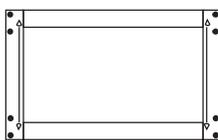
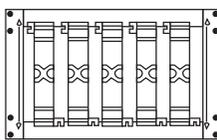
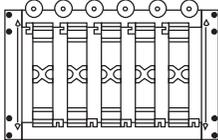
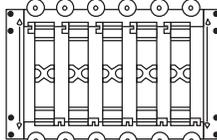
Use for mounting all sizes of S66B blocks



Technical Tip!

When mounting blocks end-to-end using SB8-10 brackets, use three brackets for two blocks, four brackets for three blocks and so on.

Cross-Connect (CC) Frames

Frames Only	Frames with Brackets	Frames with Brackets and Top Spools	Frames with Brackets and Top and Bottom Spools
 <p>CC-2024-NS-NB Full size frame (8 bracket capacity)</p>	 <p>CC-2024-NS-DC Full size frame, S89D Brackets (8)</p>	 <p>CC-2024-TS-DC Full size frame, S89D Brackets (8), top spool</p>	 <p>CC-2024-TB-DC Full size frame, S89D Brackets (8), top & bottom spools</p>
 <p>CC-2014-NS-NB Half size frame (4 bracket capacity)</p>	 <p>CC-2014-NS-DC Half size frame, S89D Brackets (4)</p>	 <p>CC-2014-TS-DC Half size frame, S89D Brackets (4), top spool</p>	 <p>CC-2014-TB-DC Half size frame, S89D Brackets (4), top & bottom spools</p>
 <p>CC-2025-NS-NB Full size frame (10 bracket capacity)</p>	 <p>CC-2025-NS-DC Full size frame, S89D Brackets (10)</p>	 <p>CC-2025-TS-DC Full size frame, S89D Brackets (10), top spool</p>	 <p>CC-2025-TB-DC Full size frame, S89D Brackets (10), top & bottom spools</p>
 <p>CC-2015-NS-NB Half size frame (5 bracket capacity)</p>	 <p>CC-2015-NS-DC Half size frame, S89D Brackets (5)</p>	 <p>CC-2015-TS-DC Half size frame, S89D Brackets (5), top spool</p>	 <p>CC-2015-TB-DC Half size frame, S89D Brackets (5), top & bottom spools</p>

CC Frame Cable Manager Assemblies

For mid-to-large cross-connect installations these cable manager assemblies provide efficient and effective wire management on the CC Frames. They may be mounted either flush to a wall or on a relay rack.

Part #	Description	RMS
CC-2005-144	Cable manager with five S144 managers	2
CC-2005-145	Cable manager with five S145 managers	2
CC-2005-146	Cable manager with five S146 managers	2

Note: 1 RMS = 44.5mm (1.75 in.)



Metal Housings

Metal housings protect blocks and connections from damage when installed in “high risk” areas such as on a wall in a warehouse or factory. Our housings are manufactured from durable 18 gauge steel with a gray or beige finish. We provide two options — you can purchase housings with the blocks already assembled or just the housings to install your own blocks. These metal housing are not weatherproof and are recommended for indoor use only.



Part #	Description
MH-25-49	Housing for one 6 X 50 B block or one 4 X 50 M block, gray <i>height: 442mm (17.40 in.), width: 137mm (5.40 in.), depth: 45.7mm (1.80 in.)</i>
MH-50-49	Housing for two 6 X 50 B blocks or two 4 X 50 M blocks, gray <i>height: 442mm (17.40 in.), width: 229mm (9.03 in.), depth: 45.7mm (1.80 in.)</i>

Housing with Blocks

Part #	Description
S66M1-25MH-49	One S66M1-25 block in a MH-25 gray metal housing
S66M1-50MH-49	One S66M1-50 block in a MH-25 gray metal housing
S66M1-100MH-49	Two S66M1-50 blocks in a MH-50 gray metal housing
S66B4-25MH-49	One S66B4-25 block in a MH-25 gray metal housing
S66B4-50MH-49	Two S66B4-25 blocks in a MH-50 gray metal housing
S66B3-50MH-49	One S66B3-50 block in a MH-25 gray metal housing
S66B3-100MH-49	Two S66B3-50 blocks in a MH-50 gray metal housing



Snap-on Covers

These economical snap-on covers protect S66™ quick clips while providing a clear view of the wiring terminations. Made of flame-retardant plastic.

Part #	For Use With
MC4	M4 X 50

Part #	For Use With
BC612	B6 X 12



MC425	M4 X 25
-------	---------

BC6	B6 X 50
-----	---------



Lasting Hinge Covers

Use these lasting hinge covers and you'll save up to 90% of the cost of a colored backboard system — and with colored covers, the planner or installer can color-code individual blocks instead of working in groups of four or eight.

Made from flame-retardant thermoplastic, the covers protect the quick clips and provide a convenient surface for marking circuit designations.

Each cover is hinged and can be easily removed and replaced. There are two depths for the covers; the standard-profile allows for standard plug-on accessories, and the high-profile cover allows for larger accessories such as the Colored Bridging Clips.



Part # **Description**
 MC425LH-(X) Cover for M425-type block
 Use (X) to specify color: 6 = blue, 9 = orange

MC4LH-(X) Cover for M450-type block
 Use (X) to specify color: 2 = white, 3 = red, 4 = gray, 5 = yellow,
 6 = blue, 7 = green, 8 = violet, 9 = orange

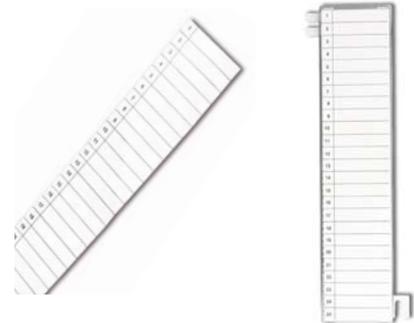
MC4LH-HP-9 High-profile orange cover for M450-type block



Labels

These adhesive backed, lined labels allow technicians to write and maintain circuit information on the MC4 plastic snap-on cover.

Part # **Description**
 MC4-LBL-25 Label for MC4 cover, numbered 1-25

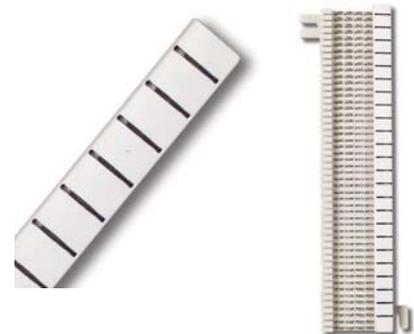


Designation Strips

Designation strips mount quickly and easily on the fanning strips of both M and B series S66 blocks. The strips provide a convenient labeling surface for circuit identification.

For M Blocks
 D10-10 White lined designation strip

For B Blocks
 D13-10 White lined designation strip



Bridging Clips

These industry standard bridging clips are used to connect adjacent quick clips on S66™ blocks. The clips are easy to remove for isolating and testing incoming pairs from outgoing pairs and are reusable. Available in either tin-plated grade A copper alloy (voice and data) or stainless steel (voice only).

Tin-plated Copper Alloy Clips

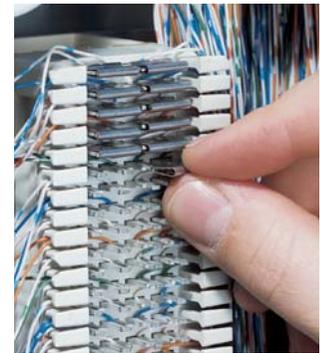
SA1-(XXXX) 2-position clip

Stainless Steel Clips*

SA1-SS-(XXXX) 2-position clip, stainless steel

Use (XXXX) to specify quantity: 100 = 100/bag, 1000 = 1000/bag

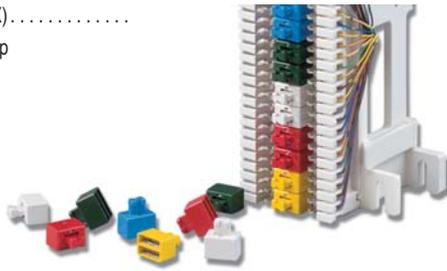
*Not recommended for use with data applications.



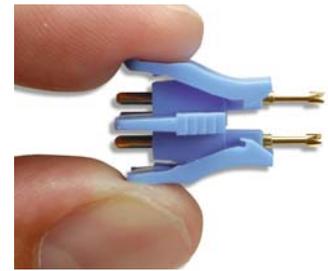
Colored Bridging Clips

Designed to fit the 66M type connecting block, each of these plug-on adapters contain two standard SA-1 bridging clips, so they actually bridge a complete pair when installed, not just a single wire. The plastic housings are color-coded and serve to protect the quick clip. Technicians can test lines with the clips in place by using our TPE in-line test probe.

SMBC-2-(X)
Bridging clip



TPE
Test probe/extractor

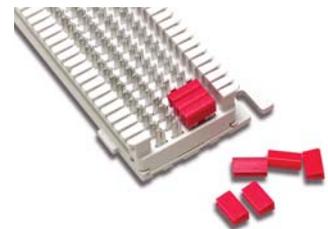


Use (X) to specify color: 2 = white, 3 = red, 5 = yellow, 6 = blue, 7 = green, 8 = violet

Special Service Markers

These red plastic markers slide over S66 quick clips and terminated wires and are ideal for marking special circuits on blocks.

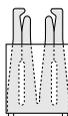
Part #	Description
S-857-916	2-position red marker



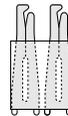
Capacity Expanding Adapters

These adapters create additional capacity on S66 blocks by plugging directly onto the S66 quick clips — with or without wires punched down. The adapters come with either one or two additional quick clips. Use a high-profile lasting hinge cover to fit over the adapters. The adapters are top and bottom stackable, but not side-by-side stackable. Not designed for use on category 5e S66M1-50 blocks.

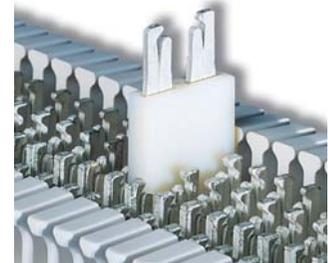
SA2
Adapter with 1 double quick clip



SA2-1
Adapter with 2 single quick clips



SA3
Adapter with 1 single quick clip



Organizer Rings

These plastic rings snap directly onto the side of an S89-type mounting bracket to organize, position, and retain cable and cross-connect wire. They also work well as a patch cord manager when used with our Modular Patch Blocks.



Part #	Description
S606P	Organizer ring

Wire Distribution Spools

All of these high-impact plastic spools are used to neatly guide and retain cable or jumper wires. Cabling is held in place by the spool's rim to allow easy access for changes or modifications. The S20A and S20B are white and can be used with either a main cross-connect frame or backboard. The S20C is black to match our CC frames and modular patch panels, and screws directly into the mounting holes of a standard 19 or 23 inch relay rack.



		
S20A	S20B	S20C
White spool without screw height: 42.7mm (1.68 in.), width: 42.7mm (1.68 in.), depth: 74.9mm (2.95 in.)	White spool with captive (#10) wood screw height: 42.7mm (1.68 in.), width: 42.7mm (1.68 in.), depth: 74.9mm (2.95 in.)	Black spool with captive (#12-24) machine screw height: 42.7mm (1.68 in.), width: 42.7mm (1.68 in.), depth: 74.9mm (2.95 in.)

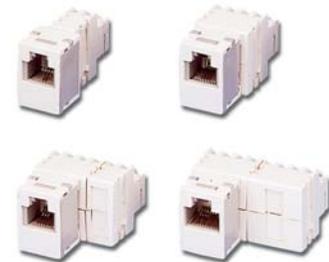
Technical Tip!

We recommend a (#10) wood screw for wall mount applications and a (#12-24) machine screw for rack mount applications.

Tap[®] Adapters

The TAP is a flexible modular connecting adapter designed to access 66M connecting blocks. When installed, the TAP permits customer administration of moves and changes using modular cords, and provides test access. The TAP is designed in 1-, 2-, 3-, and 4-pair configurations and can be end-stacked (except TAP-2) or mounted side by side on a 66M block.

Part #	Description
TAP-2	1-pair, 6-position adapter, USOC
TAP-4	2-pair, 6-position adapter, USOC
TAP-6	3-pair, 6-position adapter, USOC
TAP-8	4-pair, 8-position adapter, T568B



SMAK[®] Kit

Our SMAK Kits allow you to add modular components to a S66™ block in the field. Designed to mount on the sides of S66 stand-off brackets, each kit contains a one-piece plastic yoke, two self-tapping screws, and three or four modular components.

Part #	Description
SMAK-2	Four, 1-pair 6-position modular jacks and 1 yoke
SMAK-4	Four, 2-pair 6-position modular jacks and 1 yoke
SMAK-6	Four, 3-pair 6-position modular jacks and 1 yoke
SMAK-8	Three, 4-pair modular jacks and 1 yoke



Pico® Protector Module

Designed for use as a secondary protection (to supplement primary protection). Each Pico module provides both overvoltage and “sneak current” protection on 66M blocks in one pair increments. The Pico uses very high-speed, solid-stated technology for voltage protection and fuses for current protection. The Pico Protector provides an effective and economical way to protect expensive equipment and sensitive electron equipment.



The system consists of two components: a protector module and a ground kit. Ground kits are available and consist of a snap-on ground plate or “bus bar” and jumpers to safely divert surge energy to ground.

Guidelines for choosing the correct voltage level for Pico Protectors

- 1**

Measure the operating DC signal voltage of your equipment.
For example: 48Vdc
- 2**

Measure the peak AC voltage of your equipment, (RMS voltage x 1.41).
For example:
90Vac x 1.41 = 127Vpeak
- 3**

Add together the voltage values determined by steps 1 and 2 above:
48Vdc + 127V = 175Vpeak
- 4**

Select the Pico module rated for the stand-off voltage nearest to, but not below, the value determined by step 3. For this example: the PM-230 module is the best selection since its stand-off voltage is 180V

Pico Protector Module

Part #	DC Breakover Voltage (±15%)	Stand-off Voltage (Vso)
PM-027	27.0 volts	19.0 volts
PM-068	68.0 volts	50.0 volts
PM-140	140.0 volts	102.0 volts
PM-180	180.0 volts	131.0 volts
PM-230*	230.0 volts	180.0 volts

*For protecting equipment that is connected to Central Office (voice, fax, modem, etc.) lines, the PM-230 module is always recommended.

Definitions

DC breakover voltage: The voltage range at which a given module will activate to divert surge energy to ground.

Stand-off voltage: The maximum voltage level of the Pico module under no-surge conditions that will keep it from interfering with normal operation of the circuit.

Note: Frequency bandwidth limitations may apply. Contact our Technical Support Department.

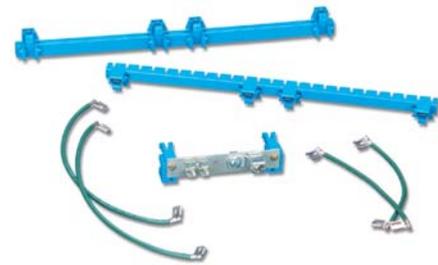


Technical Tip!

You can retrofit Pico Protectors on an installed M1-50 block. The ground bar mounts inside the fanning strip (as shown here) allowing the Pico module to be plugged into the center rows of an M1-50 block.

Ground Kits

Part #	Description
PG-06	6-pair kit includes snap-on ground plate and six 203mm (8 in.), female-ended, quick-connect jumpers
PG-25	25-pair retrofit kit for a pre-installed M1-50 block includes bus bar assembly, snap-on ground plate, and two 102mm (4 in.), female-ended, quick-connect jumpers
PG-50	50-pair retrofit kit for a pre-installed M1-100 block includes two bus bar assemblies, snap-on ground plate, two 102mm (4 in.) and two 203mm (8 in.) female-ended, quick-connect jumpers
PK-25	25-pair kit includes M1-50 block, S89D bracket, snap-on ground plate, two 102mm (4 in.) female-ended, quick-connect jumpers, and one bus bar assembly
PK-50	50-pair kit includes M1-100 block, S89D bracket, snap-on ground plate, two 102mm (4 in.) female-ended, quick-connect jumpers, two 203mm (8 in.) quick-connect jumpers, and two bus bar assemblies



Current Protection Module

Our CPM-2PLUS® prevents cable and equipment damage due to “sneak currents” (continuous foreign current levels exceeding 0.350 amperes). Sneak currents are not high enough to trigger overvoltage protectors but can pose fire hazards and cause damage to sensitive electronic equipment. They may be caused by direct or indirect contact with power lines, a low impedance connection to earth ground, or by a short circuit somewhere on the line.

Each Current Protection Module contains two fuses in a clear plastic carrier. They are installed across two adjacent pairs of 66 quick clips, establishing solid contact with the clips. When the module is activated, the fuse opens, cutting off the flow of excessive current, preventing fire risk and shock hazards on data and voice transmission lines.

The modules are side- and end-stackable, allowing up to 50-pair protection on a standard M1-100 block or 25-pair protection in a standard M1-50 block. Red plastic caps are available to designate priority circuits.



Part #	Description
CPM-2PLUS	Current protection module with two replaceable fuses