

SOFTWARE

THE CHANGING SAFETY STANDARDS IN MODULAR WIRING CONNECTORS.

In October 2003 a new Australian / New Zealand standard was published AS/NZS61535.1:2003. Primarily an International standard developed by the IEC, Australia and New Zealand have modified it for our markets and expedited it's release. This new standard runs in tandem with the current AS1311.1995 until October 2006 when it will be the only enforceable standard.

Primarily requiring a much more stringent testing regime this makes the connectors used in softwiring a far safer product. Main areas of interest are: the requirement for the connectors to be tested to 125% of their rating (a 20amp system is tested at 25amps), a new 13 day endurance test (not required before), in addition to the need for non-compatibility between different modular wiring systems and equally, modular wiring systems and AS/ NZ3112 plugs.

CMS Electracom have designed their own AS/NZ61535.1 connector system. In September 2002 we were issued with a Certificate of Suitability (CS.02352V) for this system. CMS are one of the first companies in the world to release a 61535 connector system to market and we pride ourselves on being at the forefront in design innovation. The NEW SW17 series of auto switched socket outlets can be plugged together thus giving multiples of two or four outlets. The SW17 comes complete with integral AS/ NZS61535.1 connectors. Additionally CMS is also able to supply custom manufactured modules in Plastic, Steel or Aluminium for above or below desk mounting.



CMS SW1702 Mounted in Furniture Beam

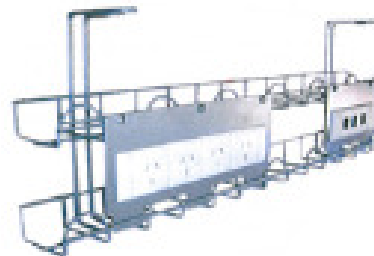


TAG Connectors

Pictured above is the new CMS Electracom 20amp softwiring plug and socket connectors complete with integral latches complying with AS/NZS 61535.1:2003.



Installed Thick Tile Brackets with Outlets



CMS Cableway Wire Management

SW17 SERIES GPO'S



The SW17 Series Softwiring couplers comply to the NEW connector standard are integrated into the moulding. They also comply with IP4X and hence there is no requirement to use safety end caps or tool only removable connectors.

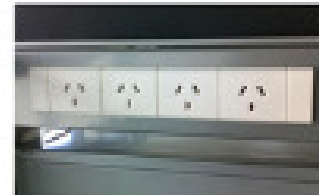
The SW17 series offers significant installation benefits as no tools are required for thin or thick panel mounting. This speed of installation offers excellent labour savings. The SW17 series is a 10Amp double pole, auto switched outlet. The SW17 series is covered by the Chief Electrical Inspector of Victoria's Certificate of Approval No: V02351.

- Double pole auto switched unit.
- No tools required to install in duct or panel mount, making site installation very fast and cost effective
- Requires one cut out for thick or thin panel mounting
- Colours available: black, white, red and silver – other colours on request.
- Slim and compact 2 socket outlet design (only 18.5mm from under face plate)
- Integral soft wiring connectors complete with moulded latches, comply with the NEW connector standard AS/NZS/61535.1:2003.
- Mounting options include: thin panel (up to 2mm thick), thick panel (greater than 2mm thick), din rail mounting, duct mounting or free standing.

1. Screen/Panel mounting up to 2mm thick



2. Furniture beam mounting



Swift beam

3. Panel mounting greater than 2mm thick



4. Din rail mounting.

SW1704

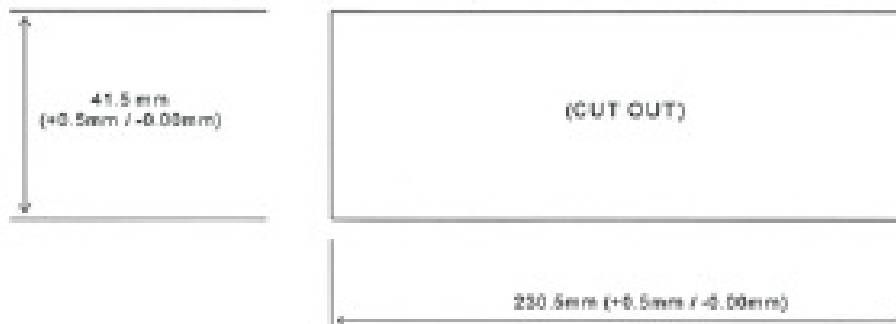
For thin panel mounting



- SW1704 Requires no tools for mounting. Module will snap into panel up to 2mm thick.
- Standard colours are Black, White and Silver (others by request).
- 4 x double pole auto switched socket outlet.
- Compliant with AS/NZS61535.1:2003.
- Covered by Certificate of Approval No. V02351

ORDERING INFORMATION	
PART No.	DESCRIPTION
SW1704BK	Quad auto switched power module (Black)
SW1704WT	Quad auto switched power module (White)
SW1704SL	Quad auto switched power module (Silver)
SW1704RD	Quad auto switched power module (Red)
SW1704BL	Quad auto switched power module (Blue)

CUT OUT DIMENSIONS (SW1704)



SW1812R & FM2

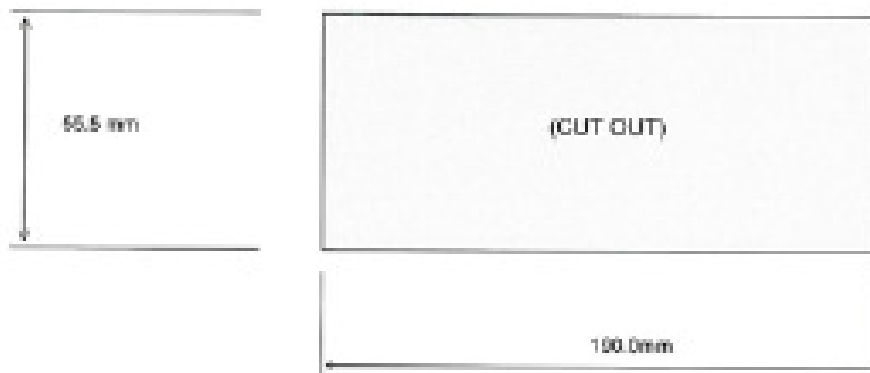
For Thick panel mounting

- SW1812R Requires no tools for mounting, standard module will snap into panel greater than 2mm in thickness.
- Available in Black and White (others by request).
- 2 x rotated double pole auto switched socket outlet.
- Compliant with AS/NZS 1535.1:2003.
- Covered by Certificate of Approval No. V02351



ORDERING INFORMATION	
PART No.	DESCRIPTION
SW1812RBK	Rotator dual auto switched power module mounted in thick panel bracket. (Black)
SW1812RWHT	Rotator dual auto switched power module mounted in thick panel bracket. (White)
FM2BK	Thick panel bracket for SW1812R power module (black)
FM2WHT	Thick panel bracket for SW1812R power module (white)

CUT-OUT DIMENSIONS (SW1812R / FM2)



SW1802A - DOUBLE GPO ROUND EARTH PIN

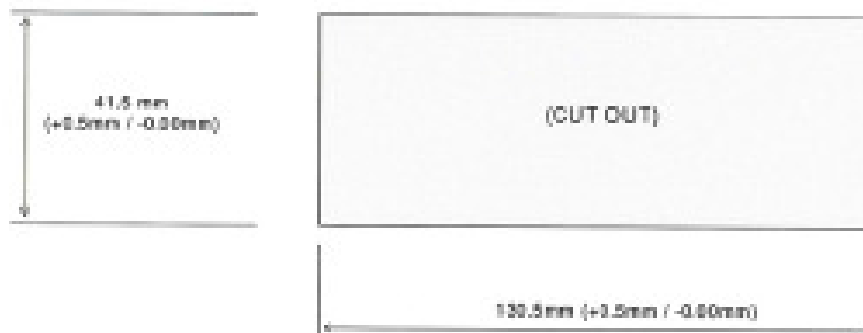


SW1802AWT

- SW1802A Requires no tools for mounting, standard module will snap directly into panel cut-out up to 2mm thick.
- Standard colours are Black, White & Red (others by request).
- 2 x double pole round earth auto-switched socket outlet.
- Compliant with AS/NZS 1535.1:2003.
- Covered by Certificate of Approval No. A/10072/A.

ORDERING INFORMATION	
PART No.	DESCRIPTION
SW1802ABK	Dual auto switched round earth pin power module (Black)
SW1802AWT	Dual auto switched round earth pin power module (White)
SW1802ARD	Dual auto switched round earth pin power module (Red)

CUT OUT DIMENSIONS (SW1802A)



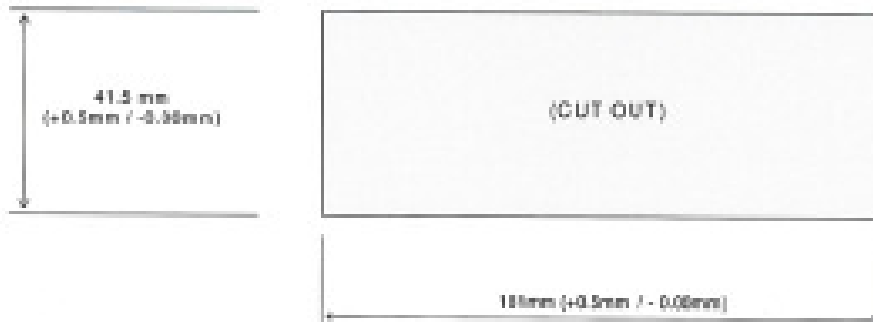
SW18S02 - DOUBLE SWITCHED GPO



- SW18S02 Requires no tools for mounting, standard module will snap directly into panel cut-out up to 2mm thick.
- Standard colours are Black, White, and Red
- 2 x double pole switched socket outlet.
- Compliant with AS/NZS61535.1:2003.
- Covered by Certificate of Approval No. V02351

ORDERING INFORMATION	
PART No.	DESCRIPTION
SW18S02BK	Dual switched power module (Black)
SW18S02WT	Dual switched power module (White)
	*Denotes colour Black (BK), White (WT)

CUT OUT DIMENSIONS (SW18S02)



SW1812 & FM2

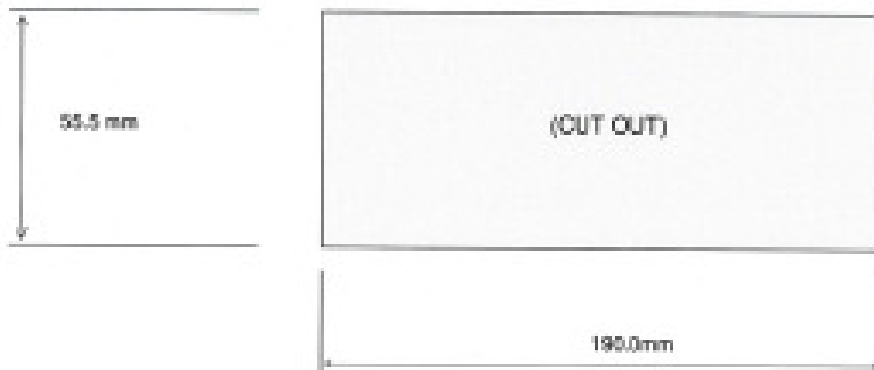
For Thick panel mounting

- SW1812 Requires no tools for mounting, standard module will snap into panel greater than 2mm in thickness.
- Available in Black and White (others by request).
- 2 x Double pole auto switched socket outlet.
- Compliant with AS/NZS 1535.1:2003.
- Covered by Certificate of Approval No. V02351



ORDERING INFORMATION	
PART No.	DESCRIPTION
SW1812BK	Dual auto switched power module mounted in thick panel bracket. (Black)
SW1812WT	Dual auto switched power module mounted in thick panel bracket. (White)
FM2BK	Thick panel bracket for SW1802 power module (Black)
FM2WT	Thick panel bracket for SW1802 power module (white)

CUT OUT DIMENSIONS (SW1812 / FM2)



SW1804

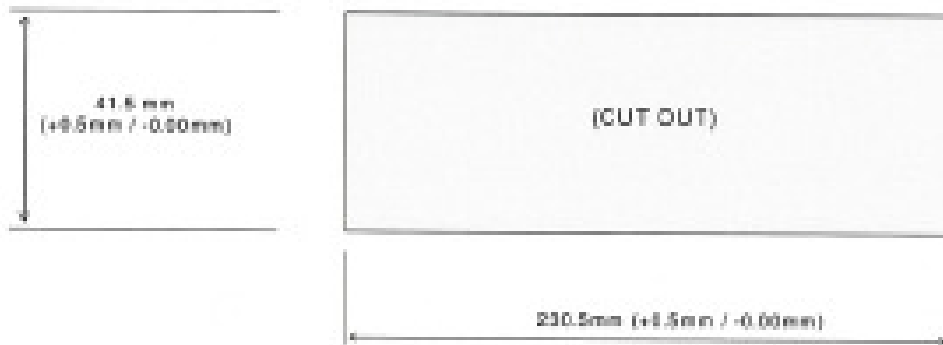
For thin panel mounting



- SW1804 Requires no tools for mounting. Module will snap into panel up to 2mm thick.
- Standard colours are Black, White and Silver (others by request).
- 4 x double pole auto switched socket outlet.
- Compliant with AS/NZS 1535.1:2003.
- Covered by Certificate of Approval No. V02351

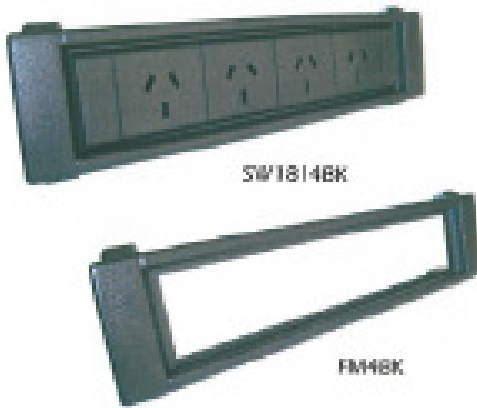
ORDERING INFORMATION	
PART No.	DESCRIPTION
SW1804BK	Quad auto switched power module (Black)
SW1804WT	Quad auto switched power module (White)
SW1804SL	Quad auto switched power module (Silver)

CUT OUT DIMENSIONS (SW1804)



SW1814 & FM4

For thick panel mounting



- SW1814 Requires no tools for mounting, standard module will snap into panel greater than 2mm thick.
- Available in Black and White (others by request).
- 4 x double pole auto switched socket outlets.
- Compliant with AS/NZS61535.1:2003.
- Covered by Certificate of Approval No. V02951

ORDERING INFORMATION	
PART No.	DESCRIPTION
SW1814BK	Quad auto switched power module mounted in thick panel bracket. (Black)
SW1814WT	Quad auto switched power module mounted in thick panel bracket. (White)
FM4BK	Thick panel bracket for SW1804 power module (black)
FM4WT	Thick panel bracket for SW1804 power module (white)

CUT OUT DIMENSIONS (SW1814 / FM4)

