

INTERPOWER
empowering your business

Schiavello Interpower Softwiring Advantages

Australian Made
Interpower components are made in Australia.

Schiavello's Interpower electrical softwiring system delivers power and lighting to office workstations and base-building installations, and offers substantial advantages over traditional hardwiring.

Interpower softwiring advantages include:

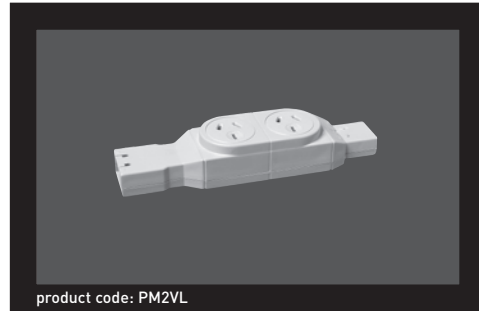
Faster installation installation can be made in a fraction of the time of hardwiring.

Safer all components are factory tested and easy to install.

Reusable there is no waste when using Interpower softwiring as all Interpower components are reusable. The system is easily connected, disconnected or relocated without the need to isolate power and with minimal inconvenience as opposed to an electrical hardwired installation. All connections within the Interpower system are protected by a positive lock mechanism to prevent accidental power disconnection.

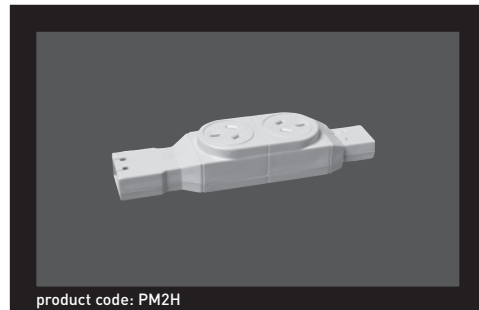
Economical the initial cost of supply and installation is normally more economical than the equivalent hardwired system.

Power



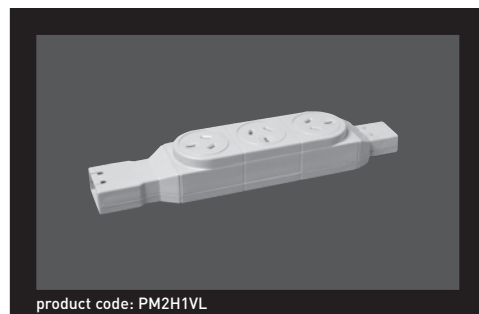
Double GPO Module Vertical Earth

A 10 amp double GPO vertical earth module with built-in double pole automatic switching designed to cascade to carry 20 amp power. (Optional 32 amp power available). Available in right or left entry. Right entry shown.



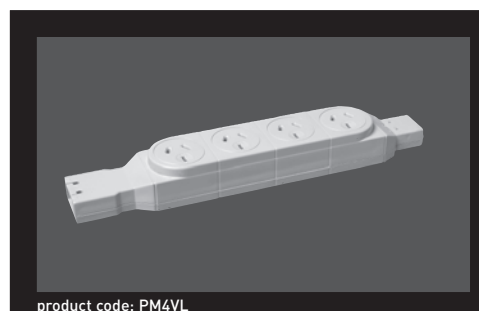
Double GPO Module Horizontal Earth

A 10 amp double GPO horizontal earth module with built-in double pole automatic switching designed to cascade to carry 20 amp power. (Optional 32 amp power available).



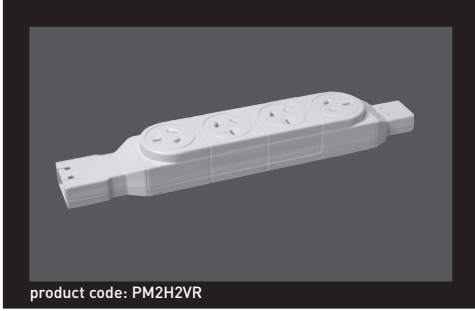
Triple GPO Module – 2 Horizontal, 1 Vertical Earth

A 10 amp triple GPO, 2 horizontal, 1 vertical earth module with built-in double pole automatic switch designed to cascade to carry 20 amp power. (Optional 32 amp power available). Available in right or left entry. Right entry shown.



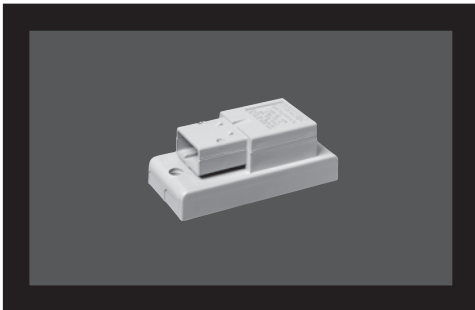
Quadruple GPO Module Vertical Earth

A 10 amp quadruple GPO vertical earth module with built-in double pole automatic switch designed to cascade to carry 20 amp power. (Optional 32 amp power available).



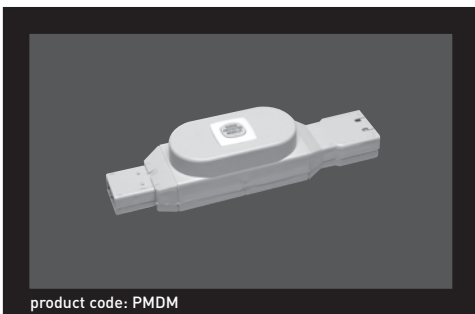
Quadruple GPO Module - 2 Horizontal Earth, 2 Vertical Earth

A 10 amp quadruple GPO 2 horizontal, 2 vertical earth module with built in double pole automatic switch designed to cascade to carry 20 amp power. (Optional 32 amp power available). Available in right or left entry. Right entry shown.



Starter Socket

A dedicated connector for the connection of softwiring to mains power. This unit is available in 20 amp. (Optional 32 amp available).



Surge Arrestor Module

The surge arrestor module provides protection downstream to connected devices. This provides protection against minor power surges.



Residual Current Device Power Module (RCD)

The 30 ma RCD module provides earth leakage protection to all power modules connected after the RCD module.

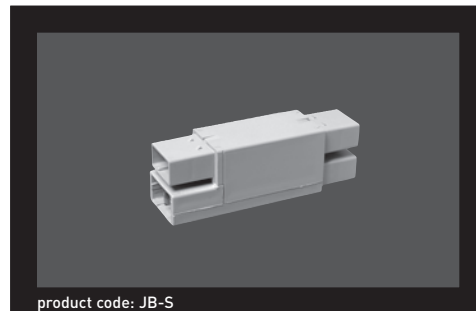


Task Light

The task light is a metal fluorescent light fitting specifically designed to be fitted to the underside of overhead shelving or hampers. The light fitting has an 18 or 36 watt fluorescent tube. The metal case can be powder coated to suit your colour requirements. The light fitting has a 2.8 metre lead fitted with a 3-pin plug, or an Interpower plug as requested.

Colours available in Aphline Haze, APO Grey, Grey Nurse, Graphite Ripple and Schiavello's standard powdercoat colours.

Power & Data



Junction Box

Junction box one Active in - three Active Supply out.



Extension Leads

Extension leads available in 20 amp (optional 32 amp available). Used for general electrical installation to interconnect power modules. Lead length sizes commence at 300 mm and increase in 300 mm increments to a length of 4.5 metres. Lead lengths are then available in increments of 500 mm to 12 metres. Leads can be made at longer lengths on request.

NB: All power modules are available with a circuit breaker on request. Model numbers ending with "CB" indicate GPO module fitted with a circuit breaker. Colours available in Grey, Black, Red or White.

Interpower 20 Amp Softwiring System Specifications

The Softwiring System shall be Interpower as manufactured by Schiavello or similar. The System shall be provided with a switchboard fitted with multiple starter sockets – 20 amp circuit breakers and mains switch. Each starter representing a power or lighting circuit shall be fitted ready to accept the softwired lead.

The system shall provide 20 amp pin and contact and all internal wiring shall have a minimum cross sectional area of 2.5 mm sq (complying with AS/NZS 61535).

Each connection in the system shall be protected by a positive mechanical lock clip to retain constant contact and shall not disengage without the use of a tool to release the clip.

The system shall provide a double 10 amp General Purpose Outlet (GPO) in modules of 2, 3, or 4, with built-in automatic double pole switching. Each GPO module shall plug into each other without the need of having a lead with plug and socket between the two GPO modules. Each GPO shall be available with a horizontal or vertical socket outlet. Each GPO shall be available with a 10 amp circuit breaker (optional).

A Residual Current Device (RCD) module can be fitted to every circuit after the starter socket and before the first power outlet, to be placed in a visible position.

A surge protection module shall be available as required.

All starters, plugs and sockets, GPOs, RCDs, surge protectors and junction boxes shall be encased in a flame retardant polycarbonate or similar housing, permanently welded.

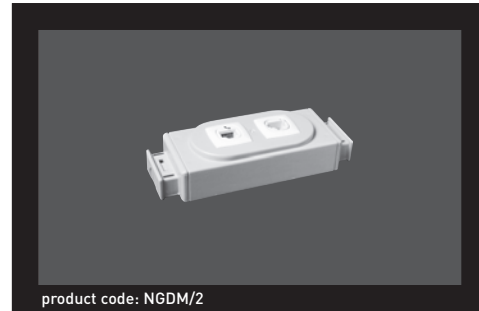
The system shall cascade with a 20 amp extension lead available in various lengths, fitted with a plug and socket.

All components shall be factory tested and shall carry a test approval label printed with the date of the test.

Installation: Each network of power modules must be connected to a dedicated 20 amp circuit. Each sub-circuit is to be protected by an appropriately rated circuit breaker. Connection to the sub-circuit shall be made via an Interpower 20 amp starter socket.

The system shall be tested and certified to AS/NZS 3131 and manufactured to AS 9001. The system must also be installed by a qualified and licensed electrician in accordance with relevant Australian and New Zealand Standards.

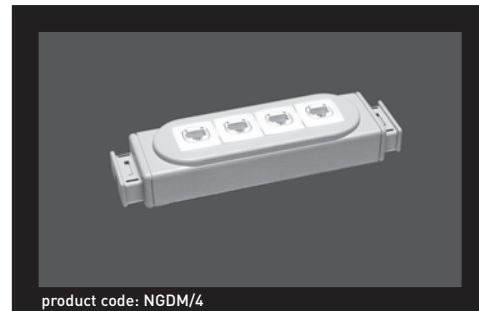
Data



Data Module – 2

The data module is used to house the RJ45 voice and data outlets within the workstation system. There are numerous voice and data outlets within the communication network that require different cut-out sizes for housing. The data modules are moulded with the various common housing dimensions, and irregular sizes can be cut out as requested.

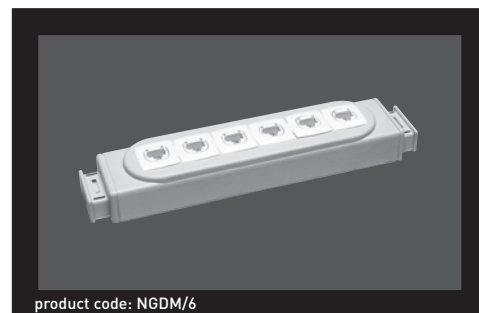
NB: Able to take 1, 2 or 3 cutouts (depending on size). Colours available in Grey, White, Red, or Black.



Data Module – 4

Information as above "Data Module – 2".

NB: Able to take 1, 2, 3 or 4 cutouts (depending on size). Colours available in Grey, White, Red, or Black.

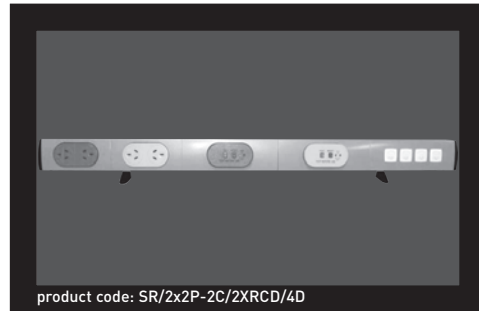
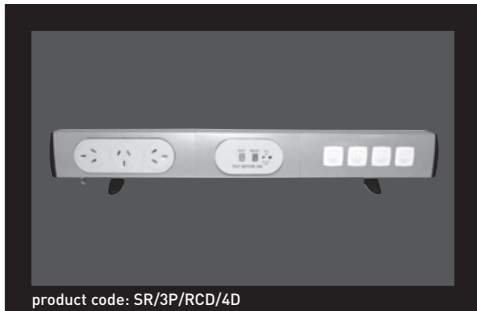
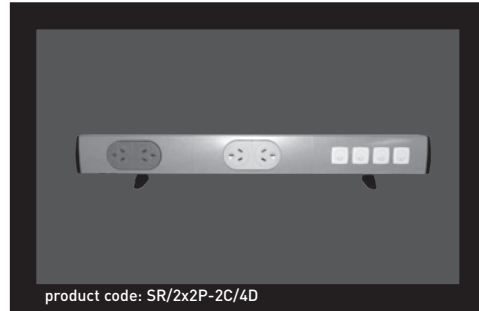
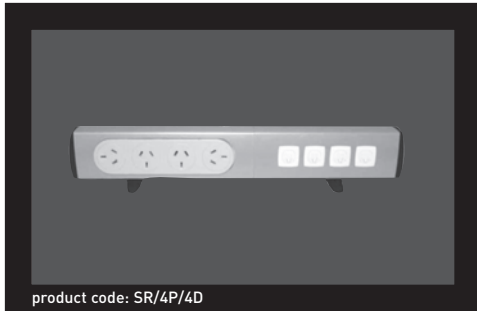
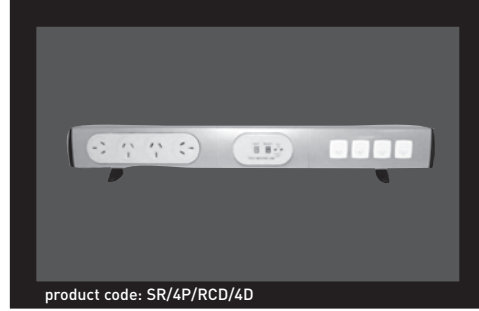
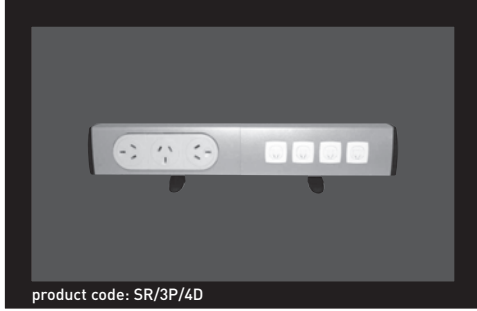


Data Module – 6

Information as above "Data Module – 2".

NB: Able to take 1, 2, 3, 4, 5 or 6 cutouts (depending on size). Colours available in Grey, White, Red, or Black.

Standard Service Rail



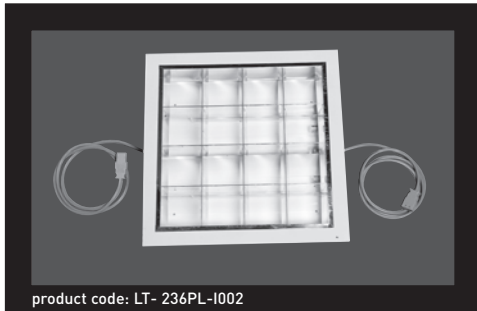
Data Cutouts available in Quad, Triple, Dual and Single 25 mm Square (4D, 3D, 2D & 1D).

Power Cable Entry on Extreme Left, Data Cable Entry on Extreme Right, Data Cables can enter through back of module for Long/Deep Rear Entry Data Jacks upon request.

Lighting + Softwiring Applications

The Interpower softwiring system is easily adapted to suit a vast majority of lighting installations. Simply lay the light fittings in place and connect via pre-installed leads and junction boxes. The installation time is vastly reduced, minimising installation time on site and therefore saving costs in on-site labour. Changes after initial installation can be made in a significantly reduced time frame, and with all Interpower components being reusable, waste is eliminated, and mess and down-time is substantially reduced.

Refer to page 6 for installation details.



product code: LT-236PL-I002

Softwired Ceiling Light

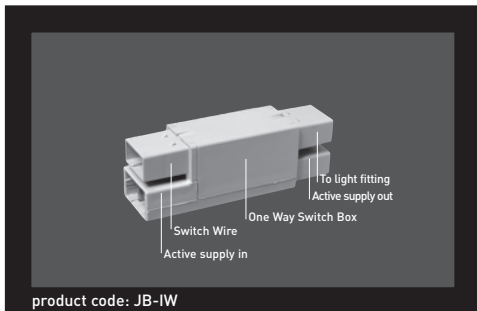
The Interpower softwiring lighting system can easily accommodate any type of light fitting. The light fitting requires two leads of appropriate length fitted with a plug and socket.



product code: LTEXI-I001

Exit Light

Maintained illuminated exit sign with softwired interconnection lead.



product code: JB-1W

One-Way Switch Junction

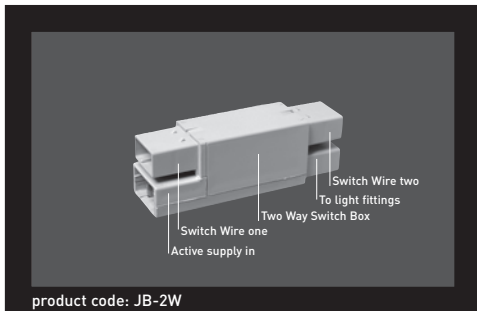
Active in - Active out. Switch outlet and light bank outlet.



product code: PMW1

Softwired Light Switch

Available in 1, 2, 3 and 4 gangs and other configurations upon request. Dimmer switch also available.



product code: JB-2W

Two-Way Switch Junction

Active in - Light Bank out.
Two-way switch outlets.



Schiavello Interpower Switchboard

The switchboard comes fully wired and ready to connect to mains power. The switchboard is available in the following sizes:

Height	Width	No Circuit
500	x 450	18
600	x 450	24
750	x 450	30

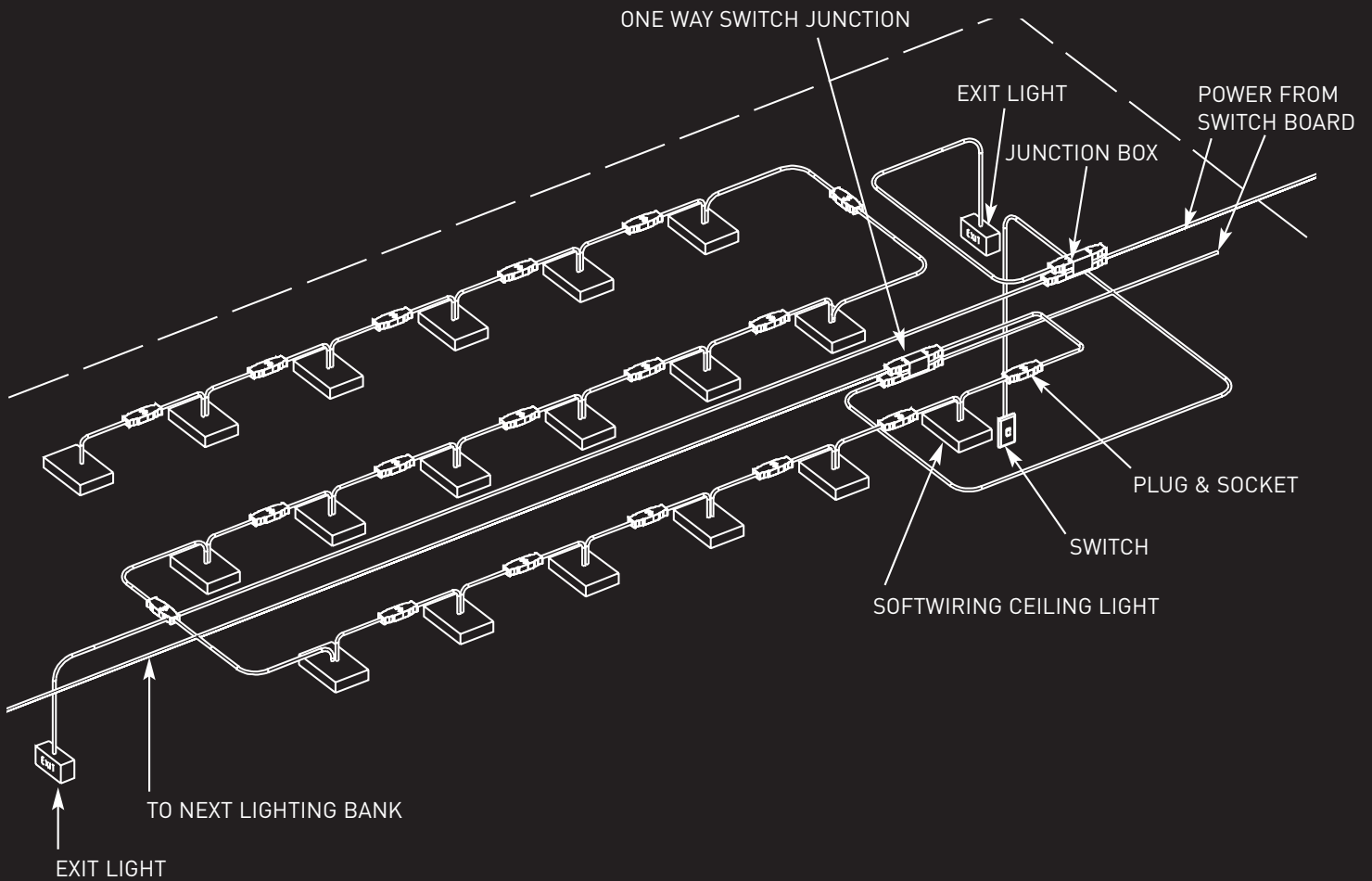
Larger sizes are built to suit various applications.

High Density Cascaded Lighting

Australian Made
Interpower
components are made
in Australia.

Commercial lighting installations can be very efficiently wired with Interpower. The light fixtures can be pre-wired with relatively short plug and socket leads. Extension leads are used to interconnect the fixtures over longer distances. This method of installation is very rapid and flexible.

For more information call your local Schiavello distributor.



Melbourne Head Office

Schiavello (Vic) Pty Ltd
1 Sharps Road
Tullamarine Melbourne
VIC Australia 3043
T: 61) 3 9330 8888
F: 61) 3 9330 8899

Melbourne Showroom

Schiavello (Vic) Pty Ltd
31-49 Queensbridge Street
Southbank Melbourne
VIC Australia 3006
T: 61) 3 9674 1500
F: 61) 3 9674 1650

Adelaide

Schiavello (SA) Pty Ltd
Ground Floor, 101 Currie Street
Adelaide SA Australia 5000
T: 08) 8112 2300
F: 08) 8231 1419

Brisbane

Schiavello (Qld) Pty Ltd
265 Coronation Drive
Milton Brisbane
QLD Australia 4064
T: 07) 3368 3388
F: 07) 3368 2125

Canberra

Schiavello (ACT) Pty Ltd
2-6 Collie Street
Fyshwick Canberra
ACT Australia 2609
T: 02) 6124 0500
F: 02) 6280 4370

Darwin

Schiavello (NT)
A division of Schiavello (Vic) Pty Ltd
Office 1, Unit 5, 356 Bagot Road
Millner Darwin NT Australia 0810
T: 08) 8948 1922
F: 08) 8948 1622

Perth

Schiavello (WA) Pty Ltd
1315 Hay Street West Perth
WA Australia 6005
T: 08) 9322 6555
F: 08) 9322 1337

Sydney

Schiavello (NSW) Pty Ltd
69 Campbell Street
Surry Hills Sydney
NSW Australia 2010
T: 02) 9211 3311
F: 02) 9212 3788

Japan

Schiavello Japan Limited
Toranomon Marine Building 1F,
3-18-19, Toranomon Minato-Ku
Tokyo 105-0001, Japan
T: 81) 3-5402 7541
F: 81) 3-5402 7542

Middle East

Schiavello Project Solutions
The Fairmont: Office Suite 514
Sheikh Zayed Road, Dubai
United Arab Emirates
T: 971 4 3291666
F: 971 4 3290906

Singapore

Schiavello Singapore Pte Ltd
No.1 Magazine Road
#01-05 Central Mall
Singapore 059567
T: 65) 6 533 8011
F: 65) 6 533 2811

www.schiavello.com

SCH/W05-C



schiavello