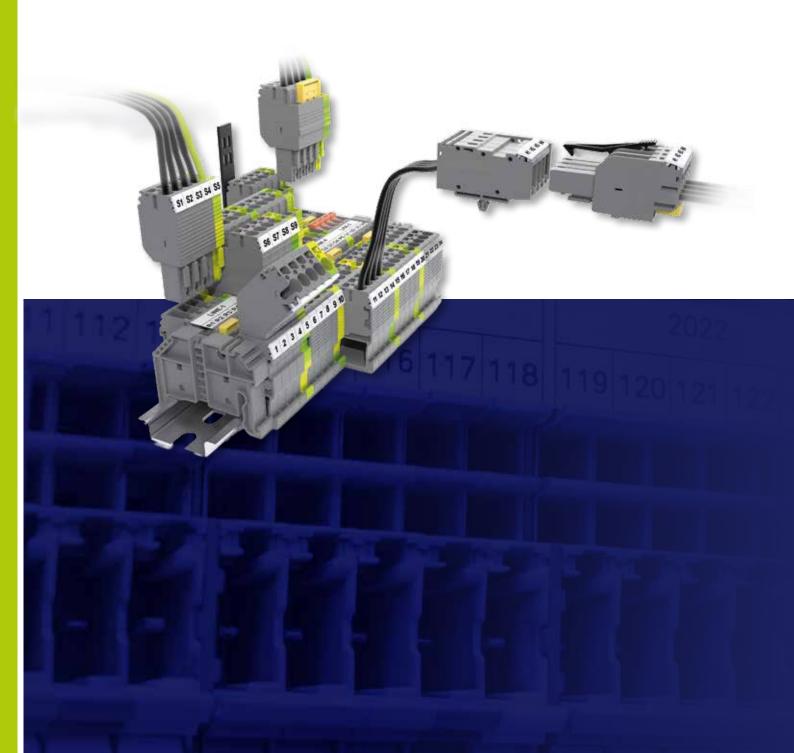


**Springing into the range...** 

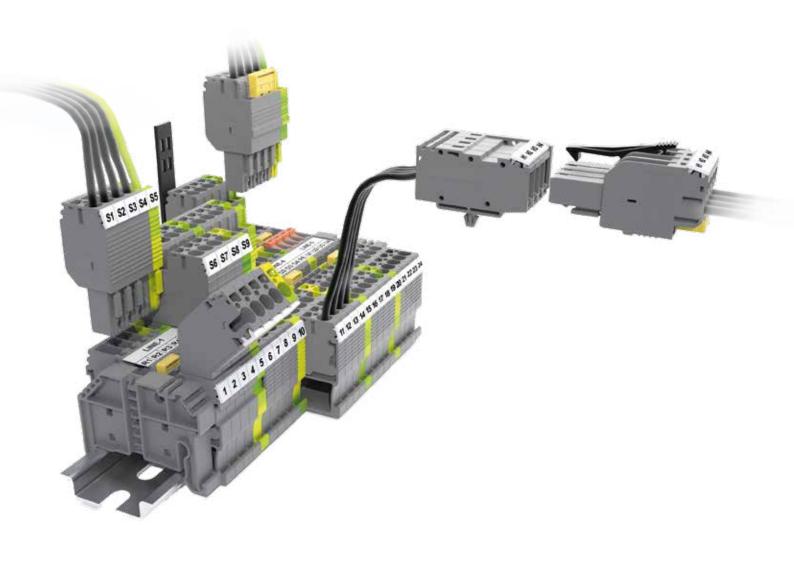
# SCP

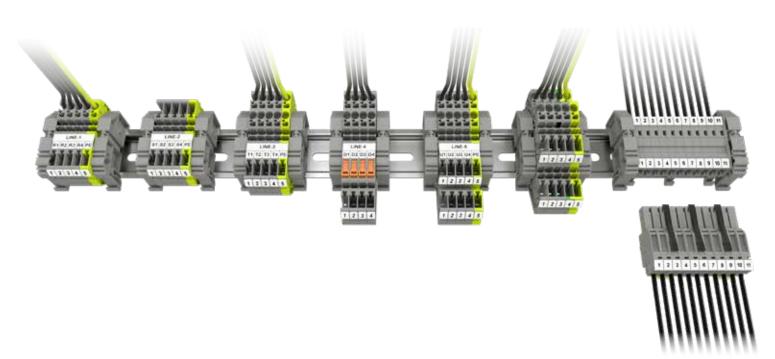




### **Spring Connection Pluggable**

For Quick & Reliable connection & disconnection everywhere





### **Extensive customisation available**

### **Designed for all requirements**



### **Push In Cross-Connector**

It is **easy** to make cross-connections on terminals, the same cross-connectors can also be used for the plugs. Permanent markers can be used to indicate poles on cross-connectors.



### **Lockable Plug**

Extra optional locks **guarantee** your circuits connection against excessive vibrations. Sockets can be removed from terminals by simply pushing the clip upwards.



### **Wire Assembly for Terminals**

Wires can be assembled **quickly** and easily by opening the spring cage with the suitable screwdriver.



### **Cable Tie Mount**

You can use a cable tie to hold all cables together, **neatly** assembled to the socket by using a cable tie mount.







### **Pin Coding**

**Enhance** your service and maintenance operations by preventing any misconnections. By using pin coding, you can match the right plugs and sockets.



### **Overview**

IMO's new SCP Terminal Blocks are an innovative development for wire connection, offering a new Plug-In solution for signal, controls and power circuits in a modular and speedy manner, utilising plugs and sockets.

IMO SCP terminals and plugs have a nominal current of 25A and a nominal voltage of 500VAC thanks to their powerful plug-in contact, making them suitable for use in most applications and are 100% reliable every time. The SCP range offers plug-in versions with spring clamp connection and are complimented by a range of accessories.

Specifically developed for quick and easy connection and disconnection, enabling maintenance or service staff to carry out installation, replacement and testing with minimum effort in a timely fashion. In fact, when comparing the time required to wire traditional screw clamp DIN Rail terminals, SCP can save as much as 70% wiring time. As time equals money, the time savings add up to considerable cost savings too.

As with all IMO products, the SCP range has been designed to the highest quality standards, using only quality materials, providing maximum safety thanks to their touch-proof design, vibration resistance, and protection from misconnection thanks to code options and locks which ensure the user matches the right plugs to the right sockets.

The SCP range also offers a new level of flexibility, allowing the user to construct customised sets based on individual plugs and sockets, all of which can be purchased separately. SCP cross connectors have also been specifically designed with flexibility in mind, and can fit both plugs and terminals, while users will also find that the marking options available are just as purposeful, allowing use of a wide range of marking options, including strip labels and marking tags for appropriate marking of the terminal block set.







**Free Mount** 



**Hole Mount** 

### **Spring Clamp System**

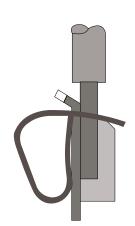
### **Material Properties**

All metal parts of the spring clamp terminal blocks are made from non corroding materials. The conductive parts are made of plated high grade copper alloy giving excellent contact resistance. The contact force of the spring clamp connection is applied by a spring element made from high-strength metal. The insulating housing of the spring clamp terminal blocks is made from recyclable PA 6.6 offering high impact strength and UV-resistance.

Further characteristics include the good tropical and termite resistance, high chemical resistance, and excellent aging characteristics. Polyamide 6.6 has an operating temperature of up to 100°C and is certified for flammability rating V2 according to UL 94.

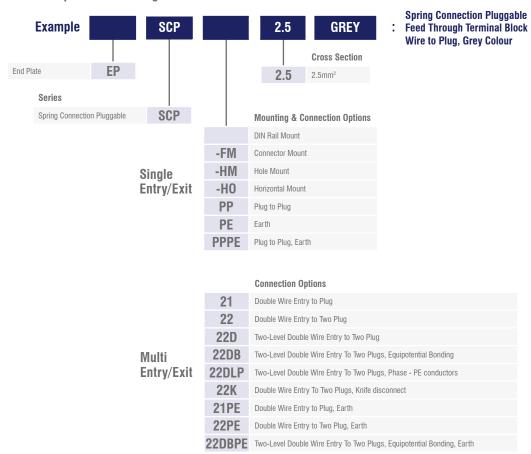
### **Connection Principle**

Spring Clamp terminal blocks have been developed for universal spring-loaded conductor contacting. The contact force is independent of the user and creates a vibration-proof connection with long-term stability. The terminal point is opened with a standard screwdriver. After the conductor has been inserted into the clamping space, the screwdriver is removed and the conductor automatically makes contact. The terminal and plug operation offers easy single plane connection i.e., the conductor and screwdriver come in parallel from the same direction. Spring Clamp terminals provide a large cable connection capacity.

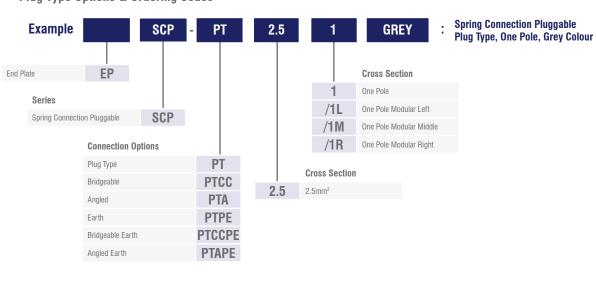


### **Configurator**

### **Terminal Options & Ordering Codes**



### **Plug Type Options & Ordering Codes**



Alternative Colours Available Upon Request, Minimum Order Quantity May Apply							
Blue	Green	Yellow	Red	Black	White	Orange	Brown



### **SCP2.5GREY**











- 51.60

Feed Through Terminal Block

### Feed Through Terminal Block

51.60

CE (P)	Wire	to Plug	Plug t	Plug to Plug		
Electrical Ratings						
CE (IEC 61984 / IEC 60947-7-1)	500 V / 24	500 V / 24 A / 2.5mm2		500 V / 24 A / 2.5mm2		
Connection Data						
Conductor cross section solid (min-max.)	0.08	4 mm²				
Conductor cross section stranded (minmax.)	0.14 -	2.5 mm <sup>2</sup>				
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0.5	0.5 mm²				
AWG Conductor	28	3-12				
nsulation Stripping Length (minmax.)	8-1	0 mm				
Technical Data						
Rated Impulse Voltage / Pollution severity	6	5/3	6	/3		
nsulation material group / Gauge pin code according to IEC 60947-1	1,	/A3	1/	1/NA		
Protection class / Protection conductor type	IP 2	20 / -	IP 2	0 / -		
Ordering Data	Туре	Qty.	Туре	Qty.		
Feed Through Terminal Block	SCP2.5GREY	50	SCPPP2.5GREY	50		
Feed Through Terminal Block, Earth						
Accessories	Туре	Qty.	Туре	Qty.		
End Plate	EPSCP2.5GREY	50	EPSCP2.5GREY	50		
Cross Connectors	CCSSCP2.5/2	25	CCSSCP2.5/2	25		
	CCSSCP2.5/3	20	CCSSCP2.5/3	20		
25500	CCSSCP2.5/4	15	CCSSCP2.5/4	15		
11111	CCSSCP2.5/5	10	CCSSCP2.5/5	10		
	CCSSCP2.5/10	5	CCSSCP2.5/10	5		
Separation Plate	SCPSP2.5GREY	50	SCPSP2.5GREY	50		
Pin Code	SCP-CODE	50	SCP-CODE	50		
Marking Tags						
	Refer to our I	Printer solution	Refer to our Printer solution			

### SCP212.5GREY SCP22K2.5GREY SCP222.5GREY Width: 5.2 mm Width: 5.2 mm Width: 5.2 mm 65.00 85.50 85.60 Feed Through Terminal Block **Knife Disconnect Terminal Block** Feed Through Terminal Block Double Wire Entry to Plug **Double Wire Entry to Plug Double Wire Entry to Two Plugs** 500 V / 24 A / 2.5mm2 400 V / 24 A / 2.5mm2 500 V / 24 A / 2.5mm2 0.08 - 4 mm<sup>2</sup> 0.08 - 4 mm<sup>2</sup> 0.08 - 4 mm<sup>2</sup> 0.14 - 2.5 mm<sup>2</sup> 0.14 - 2.5 mm<sup>2</sup> 0.14 - 2.5 mm<sup>2</sup> 0.5 mm<sup>2</sup> 0.5 mm<sup>2</sup> 0.5 mm<sup>2</sup> 28-12 28-12 28-12 8-10 mm 8-10 mm 8-10 mm 6/3 6/3 6/3 1/A3 1/A3 1/A3 IP 20 / -IP 20 / -IP 20 / -Qty. Type Qty. Qty. Туре Туре SCP212.5GREY 50 SCP22K2.5GREY 50 SCP222.5GREY 50 Туре Qty. Туре Qty. Qty. EPSCP212.5GREY 50 EPSCP222.5GREY 50 EPSCP222.5GREY 50 CCSSCP2.5/2 25 CCSSCP2.5/2 25 CCSSCP2.5/2 25 CCSSCP2.5/3 20 CCSSCP2.5/3 20 CCSSCP2.5/3 20 CCSSCP2.5/4 CCSSCP2.5/4 15 CCSSCP2.5/4 15 15 CCSSCP2.5/5 10 CCSSCP2.5/5 10 CCSSCP2.5/5 10 CCSSCP2.5/10 5 CCSSCP2.5/10 5 CCSSCP2.5/10 5 SCPSP212.5GREY 50 SCPSP222.5GREY 50 SCPSP222.5GREY 50

SCP-CODE

50

Refer to our Printer solution

SCP-CODE

50

Refer to our Printer solution

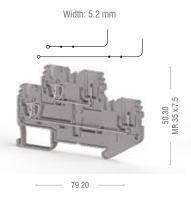
SCP-CODE

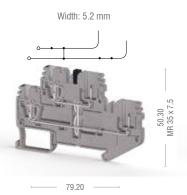
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### SCP22D2.5GREY

### SCP22DB2.5GREY



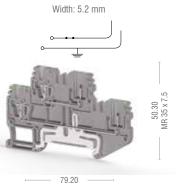


### Feed Through Two-Level Terminal Block Double Wire Entry to Two Plugs

### Feed Through Two-Level Terminal Block Double Wire Entry To Two Plugs Vertically Bridged

<b>( ( ( ( ( ( ( ( ( (</b>		try to Two Plugs		try To Two Plugs y Bridged	
Electrical Ratings					
CE (IEC 61984 / IEC 60947-7-1)	500 V / 24	A / 2.5mm²	500 V / 24	A / 2.5mm <sup>2</sup>	
Connection Data					
Conductor cross section solid (min-max.)	0.08 -	4 mm²	0.08 -	4 mm²	
Conductor cross section stranded (minmax.)	0.14 - 2	2.5 mm <sup>2</sup>	0.14 - 2	0.14 - 2.5 mm²	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0.5	mm²	0.5	mm²	
AWG Conductor	28	-12	28	28-12	
Insulation Stripping Length (minmax.)	8-10	mm	8-10	8-10 mm	
Technical Data					
Rated Impulse Voltage / Pollution severity	6	/3	6	/3	
Insulation material group / Gauge pin code according to IEC 60947-1	1/	A3	1/	A3	
Protection class / Protection conductor type	IP 2	0 / -	IP 2	0 / -	
Ordering Data	Туре	Qty.	Туре	Qty.	
Feed Through Terminal Block	SCP22D2.5GREY	50	SCP22DB2.5GREY	50	
Feed Through Terminal Block, Earth					
Accessories	Туре	Qty.	Туре	Qty.	
End Plate	EPSCP22D2.5GREY	25	EPSCP22D2.5GREY	25	
Cross Connectors	CCSSCP2.5/2	25	CCSSCP2.5/2	25	
OTOGG COMMODICITY	CCSSCP2.5/3	20	CCSSCP2.5/3	20	
200	CCSSCP2.5/4	15	CCSSCP2.5/4	15	
11111	CCSSCP2.5/5	10	CCSSCP2.5/5	10	
	CCSSCP2.5/10	5	CCSSCP2.5/10	5	
Separation Plate	SCPSP22D2.5GREY	50	SCPSP22D2.5GREY	50	
Pin Code	SCP-CODE	50	SCP-CODE	50	
<b>XX</b>					
Marking Tags		Mala and Page		Mala and Francisco	
	Refer to our F	rinter solution	Refer to our Printer solution		

### SCP22DLP2.5GREY



# Feed Through Two-Level Terminal Block Double Wire Entry To Two Plugs Phase - Protective Earth Conductors

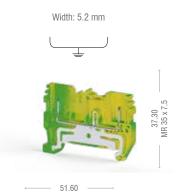
# Feed Through Terminal Block Wire to Plug Protective Earth

## 51.60

SCPPE2.5P

Width: 5.2 mm

### SCPPPPE2.5P



Feed Through Terminal Block Plug to Plug Protective Earth

500 V / 24 A / 2.5mm <sup>2 -</sup> - V / - A / 2.5mm <sup>2</sup>		- V / - A	x / 2.5mm²	- V / - A	/ 2.5mm²		
0.08 -	4 mm <sup>2</sup>	0.08	0.08 - 4 mm²				
0.14 - 2	2.5 mm <sup>2</sup>	0.14 -	2.5 mm <sup>2</sup>				
0.5	mm²	0.5	5 mm²				
	1-12 D mm		8-12 0 mm				
0-10	) IIIIII	0-1	O IIIIII				
6	5/3		6/3		5/3		
1/	'A3	1	/A3	1,	1/NA		
IP 20	/ - / PE	IP 2	20 / PE	IP 2	0 / PE		
Туре	Qty.	Туре	Qty.	Туре	Qty.		
SCP22DLP2.5GREY	50						
		SCPPE2.5P	50	SCPPPPE2.5P	50		
Туре	Qty.	Туре	Qty.	Туре	Qty.		
EPSCP22D2.5GREY	25	EPSCPPE2.5	50	EPSCPPE2.5	50		
CCSSCP2.5/2	25						
CCSSCP2.5/3	20						
CCSSCP2.5/4 CCSSCP2.5/5	15						
CCSSCP2.5/10	5						
SCPSP22D2.5GREY	50	SCPSP2.5GREY	50	SCPSP2.5GREY	50		
SCP-CODE	50	SCP-CODE	50	SCP-CODE	50		
Refer to our Printer solution		Refer to our	Printer solution	Refer to our	Refer to our Printer solution		



### SCP21PE2.5P

SCP22PE2.5P
Width: 5.2 mm



Width: 5.2 mm



65.00

Feed Through Terminal Block Double Wire Entry to Plug Protective Earth Feed Through Terminal Block Double Wire Entry to Two Plugs Protective Earth

85.60

C€ 🀼		Protective Earth		Protective Earth	
Electrical Ratings					
CE (IEC 61984 / IEC 60947-7-1)	V/A/2	V / A / 2.5mm²		V / A / 2.5mm²	
Connection Data					
Conductor cross section solid (min-max.)	0.08 -	4 mm²	0.08	- 4 mm²	
Conductor cross section stranded (minmax.)	0.14 - 2	2.5 mm <sup>2</sup>	0.14 -	0.14 - 2.5 mm²	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0.5	0.5 mm²		0.5 mm <sup>2</sup>	
AWG Conductor	28-	-12	2	28-12	
Insulation Stripping Length (minmax.)	8-10	mm	8-1	0 mm	
Technical Data					
Rated Impulse Voltage / Pollution severity	6/	/3		6/3	
Insulation material group / Gauge pin code according to IEC 60947-1	1//	A3	1	1/A3	
Protection class / Protection conductor type	IP 20	) / PE	IP 2	20 / PE	
Ordering Data	Туре	Qty.	Туре	Qty.	
Feed Through Terminal Block					
Feed Through Terminal Block, Earth	SCP21PE2.5	50	SCP22PE2.5	50	
Accessories	Туре	Qty.	Туре	Qty.	
End Plate	EPSCP21PE2.5	50	EPSCP22PE2.5	50	
Cross Connectors	CCSSCP2.5/2	25	CCSSCP2.5/2	25	
	CCSSCP2.5/3	20	CCSSCP2.5/3	20	
2220	CCSSCP2.5/4	15	CCSSCP2.5/4	15	
41111	CCSSCP2.5/5	10	CCSSCP2.5/5	10	
	CCSSCP2.5/10	5	CCSSCP2.5/10	5	
Separation Plate	SCPSP212.5GREY	50	SCPSP22 2.5GREY	50	
Pin Code	SCP-CODE	50	SCP-CODE	50	
200					
Marking Tags					
	Refer to our P	Refer to our Printer solution		Refer to our Printer solution	



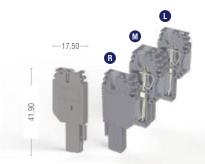
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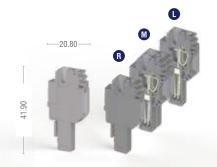
### SCP-PT2.5

### SCP-PTCC2.5

Width: 5.2 mm



Width: 5.2 mm



### One Pole or Modular Composition Plug

500V / 24A / 2.5mm<sup>2</sup>

One Pole or Modular Composition Plug, Cross Connectable

500V / 24A / 2.5mm<sup>2</sup>



Electrical Ratings
CE (IEC 61984 / IEC 60947-7-1)
Connection Data
Conductor cross section solid (min-max.)
Conductor cross section stranded (minmax.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve
AWG Conductor
Insulation Stripping Length (minmax.)
Technical Data
Rated Impulse Voltage / Pollution severity

0.08 - 4 mm <sup>2</sup>	
0.14 - 2.5 mm <sup>2</sup>	
0.5 mm²	
28-12	
8-10 mm	

0.08 - 4 mm²
0.14 - 2.5 mm <sup>2</sup>
0.5 mm²
28-12
8-10 mm

	Technical Data
	Rated Impulse Voltage / Pollution severity
	Insulation material group / Gauge pin code according to IEC 60947-1
	Protection class / Protection conductor type
	Ordering Data

6/3	
1/A3	
IP 20 / -	

6/3
1/A3
IP 20 / -

ordoning Data	
Plug Wire to Socket, One Pole	
Plug Wire to Socket, One Pole Modular, Left Hand Side	0
Plug Wire to Socket, One Pole Modular, Middle	M
Plug Wire to Socket, One Pole Modular, Right Hand Side	B
Plug Wire to Socket One Pole Farth	

Туре	Qty.
SCP-PT2.5/1GREY	50
SCP-PT2.5/1LGREY	50
SCP-PT2.5/1MGREY	50
SCP-PT2.5/1RGREY	50
SCP-PTPE2.5	50

Туре	Qty.
SCP-PTCC2.5/1GREY	25
SCP-PTCC2.5/1LGREY	20
SCP-PTCC2.5/1MGREY	15
SCP-PTCC2.5/1RGREY	10
SCP-PTCCPE2.5	5

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1
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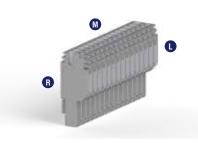
Marking Solution

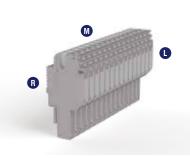
Туре	Qty.
SCP-LOCK1	50
SCP-LOCK2	50
SCP-HOLD	100
Refer to our Printer Section	

Туре	Qty.
CCSSCP2.5/2	25
CCSSCP2.5/3	20
CCSSCP2.5/4	15
CCSSCP2.5/5	10
CCSSCP2.5/10	5
000 1 001/1	
SCP-LOCK1	50
SCP-LOCK2	50
SCP-HOLD	100
Refer to our Printer Section	

### **Combination Possibilities**

By combining single units of **L-R** products for left and right ends, add desired quantities of **M** products in-between to make your custom sockets.



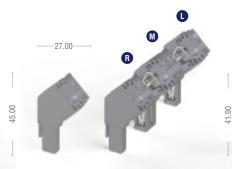


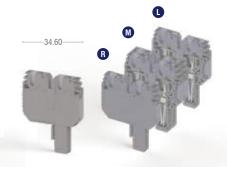
### **SCP-PTA2.5**

### SCP-PTD2.5

Width: 5.2 mm







One Pole or Modular Composition Plug, 45° Angled

One Pole or Modular Composition Plug, Double Entry, Cross Connectable

500V / 24A / 2.5mm<sup>2</sup>

500V / 24A / 2.5mm²	
0.08 - 4 mm²	
0.14 - 2.5 mm <sup>2</sup>	
0.5 mm²	
28-12	
8-10 mm	

0.08 - 4 mm²	
0.14 - 2.5 mm²	
0.5 mm <sup>2</sup>	
28-12	
8-10 mm	

6/3
1/A3
IP 20 / -

6/3
1/A3
IP 20 / -

Туре	Qty.
SCP-PTA2.5/1GREY	50
SCP-PTA2.5/1LGREY	50
SCP-PTA2.5/1MGREY	50
SCP-PTA2.5/1RGREY	50
SCP-PTAPE2.5	50

Туре	Qty.
SCP-PTD2.5/1GREY	25
SCP-PTD2.5/1LGREY	20
SCP-PTD2.5/1MGREY	15
SCP-PTD2.5/1RGREY	10
SCP-PTDPE2.5	5

Туре	Qty.
SCP-LOCK1	50
SCP-LOCK2	50
SCP-HOLD	100
Pofor to or	ur Printer Section

Туре	Qty.
CCSSCP2.5/2	25
CCSSCP2.5/3	20
CCSSCP2.5/4	15
CCSSCP2.5/5	10
CCSSCP2.5/10	5
SCP-LOCK1	50
SCP-LOCK2	50
SCP-HOLD	100

Refer to our Printer Section

Refer to our Printer Section







### Accessories

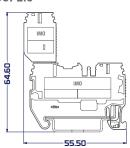
Туре		Description
SCP-LOCK1	<b>N</b>	Single Plug Lock on Terminal
⇔ 50 Qty.	•	Single Flug Lock on Terminal
SCP-LOCK2	<b>P</b>	Dual plug Lock on Terminal
⇔ 50 Qty.		Budi piug Eook on Torriinur
SCP-CODE	太	Terminal Coding Accessory
SCP-HOLD	<b>j</b>	Plug Cable Tie Holder
SCP-CROSS-L		Terminal Cross-Connection
⇔ 100 Qty.		Black
SCP-CROSS-PE		Terminal Cross-Connection
⇔ 100 Qty.		Green
SCP-TEST		Test Plug For SCP Terminal

Туре	Description
SPSCP2.5GREY	Terminal Separation Plates
SPSCP212.5GREY	Terminal Separation Plates 2 Entry to Plug
SPSCP222.5GREY	Terminal Separation Plates 2 Entry to 2 Plug
SPSCP22D2.5GREY	Terminal Separation Plates 2 Entry to 2 Plug Two Level

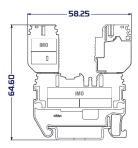


### **Drawings & Dimensions**

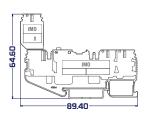
**SCP2.5** 



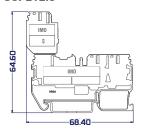
SCPPP2.5



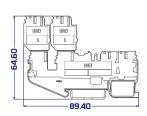
SCP22K2.5



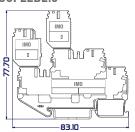
SCP212.5



SCP222.5



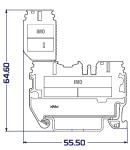
SCP22D2.5

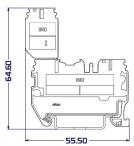


SCP22DLP2.5

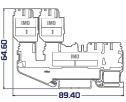


SCPPE2.5P

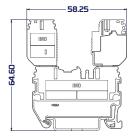




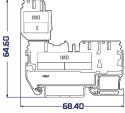
SCP22PE2.5P

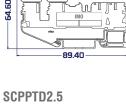


SCPPP2.5

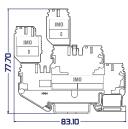


SCP21PE2.5P

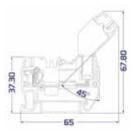


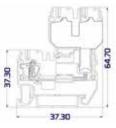


SCP22DPE2.5



SCPHM2.5





SCPHM2.5



**SCPH02.5** 



SCPFM2.5



 $<sup>\</sup>ensuremath{^{\star}}$  All dimensions shown are in millimetres.



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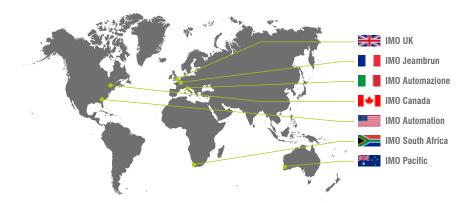
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