

The IMO Standard wire protector terminal block types 100 and 500 are simple structure PCB type connectors. Models are available with round pins or square solder pins, from 3.50mm and 3.81mm, to 15mm pitches whilst offering the option of 90°, 135°, and 180° wire insertion directions.

The majority of types are available as basic units of 2-pole and 3-pole which allow combining together for any required pole length. The IMO 102 series is only available as a single moulding in fixed pole lengths however, this unit provides the largest wire capacity of this range, that being 4mm².

This product type generally provides the most economical way of using a PCB terminal block and as such is extremely suitable for use in security, lighting and general electronic industries.

Die IMO Klemmleisten 100 und 500 aus der "Standard" Reihe sind unkomplizierte Platinensteckverbinder. Es sind Ausführungen mit Vierkant- oder Rundstift in den Rasterabständen 3,50mm; 3,81mm; 5,00mm; 5,08mm und 10mm erhältlich. Kabeleinführung 90°, 135° und 180°.

Größtenteils sind diese Klemmleisten in 2- und 3-poliger Ausführung lieferbar und können so zu verschiedenen Längen kombiniert werden. Lediglich die Reihe IMO 102 ist ausschließlich als Einzelstück mit fester Länge erhältlich, kann dafür aber Adernquerschnitte bis zu 4mm² aufnehmen.

Dieses Produkt ist auf Wirtschaftlichkeit bei der Verwendungen von Platinen-Klemmleisten ausgelegt und eignet sich daher für Sicherheitsanwendungen, Beleuchtung und die Elektronikindustrie allgemein.

Les borniers à haute protection de fils types 100 et 500 de la série IMO Standard sont des connecteurs pour circuits imprimés de structure simple. Il existe différents modèles à bornes rondes ou carrées à souder avec pas de 3,50 mm, 3,81 mm, 5 mm, 5,08 mm et 10 mm avec entrée de câble à 90°, 135°, et 180°.

La plupart des borniers existent en version bi- ou tripolaire et peuvent se combiner pour obtenir n'importe quelle longueur. La série IMO 102 existe en une seule longueur fixe, mais elle peut accepter les plus gros câbles dans cette gamme, c'est-à-dire 4 mm².

Ce type de produit est généralement le moyen le plus économique d'utiliser un bornier de circuit imprimé et il convient donc particulièrement bien aux industries de la sécurité, de l'éclairage et électronique.

Le morsettiere IMO Standard, con protezione conduttore delle serie 100 e 500 sono connettori a struttura semplice per montaggio su circuito stampato. Sono disponibili, modelli con pin a sezione circolare o quadrata, nei passi 3,50 mm; 3,81 mm; 5,00 mm; 5,08 mm; e 10 mm, con ingresso conduttore a 90°, 135° e 180°.

La maggior parte dei modelli, sono disponibili in versioni a 2 e 3 poli e possono essere liberamente abbinati per ottenere il numero di poli desiderato. La serie IMO 102 è disponibile unicamente in modelli monoblocco con numero di poli fisso. Tuttavia, questa serie consente il collegamento dei conduttori di maggior sezione (4 mm²) di tutta la gamma.

Questo tipo di prodotto, rappresenta generalmente la soluzione più economica per l'utilizzo di morsetti su circuito stampato, ed è pertanto ideale per l'utilizzo in applicazioni di sicurezza, illuminazione ed elettronica generale.

Standard PCB Terminal Blocks

Standard PCB Klemmleisten

Borniers Standards pour Circuits Imprimés

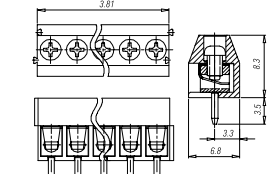
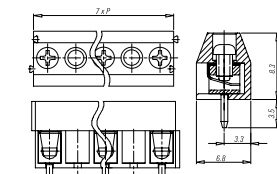
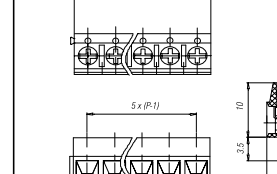
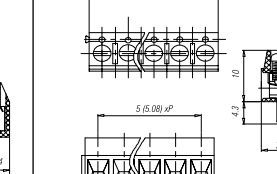
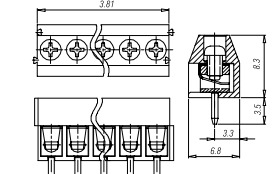
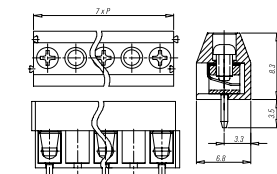
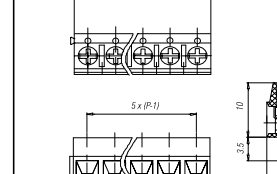
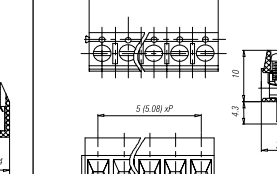
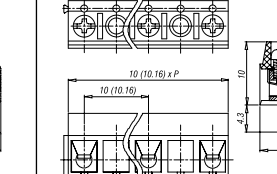
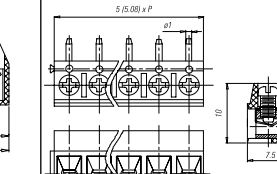
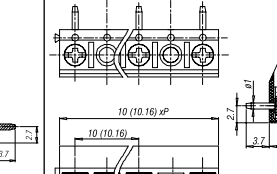
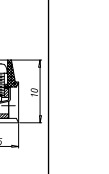
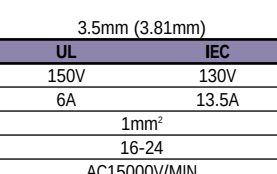
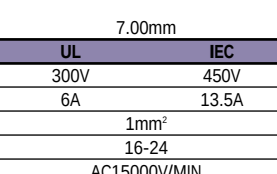
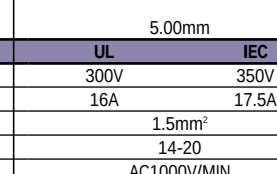
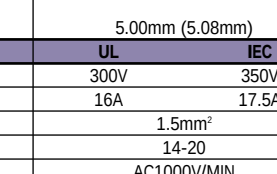
Morsetti da circuito stampato standard



Standard PCB Terminal Blocks

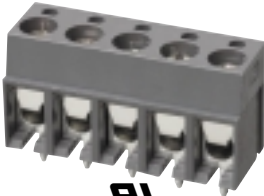
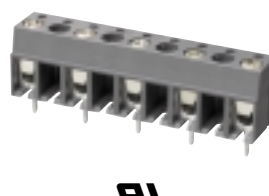
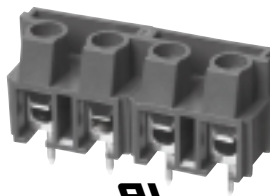
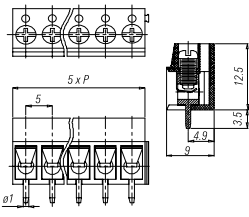
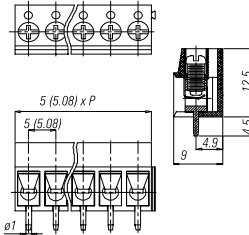
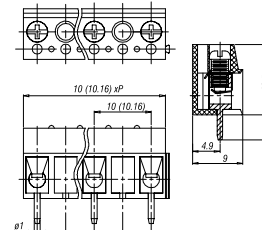
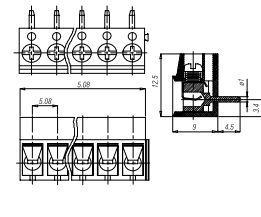
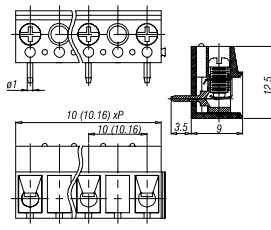
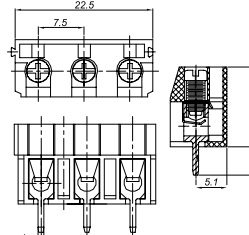
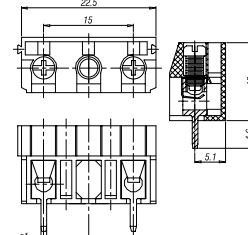


Pitch	Höhe	Pas	Passo
Technical data	Technische Daten	Documentation technique	Dati tecnici
Rated voltage	Nennspannung	Tension assignée	Tensione nominale
Rated current	Nennstrom	Courant assigné	Corrente nominale
Wire size	Drahtbereich	Diamètre des fils	Tipi di cavo
Wire range (AWG)	Geeignet	Gamme des fils	Idoneo
Insulation withstand voltage	Isolierungsspannungsfestigkeit	Tension d'isolement	Tensione di tenuta d'isolamento
Insulation resistance	Isolierungswiderstand	Résistance d'isolement	Resistenza d' isolamento
Torque (Nm)	Drehmoment	Couple	Coppia
Temperature range	Temperaturbereich	Plage de température	Gamma di temperature
Wire Strip length	Drahtabisolierlänge	Longueur isolée du fil	Lunghezza spellaggio cavo
Part no.	Artikelbez	Numéro d'identification	Part. No.
Pole	Pol	Pôle	Polo

20.550M	21.550M	20.650M	20.501M	20.500M	21.500M	20.600M	21.600M	20.505M	21.505M	20.605M	21.605M
											
											
3.5mm (3.81mm)		7.00mm	5.00mm	5.00mm (5.08mm)		10.00mm (10.16mm)		5.00mm (5.08mm)		10.00mm (10.16mm)	
UL	IEC	UL	IEC	UL	IEC	UL	IEC	UL	IEC	UL	IEC
150V	130V	300V	450V	300V	350V	300V	350V	300V	250V	300V	750V
6A	13.5A	6A	13.5A	16A	17.5A	16A	17.5A	16A	17.5A	16A	17.5A
1mm ²		1mm ²		1.5mm ²		1.5mm ²		1.5mm ²		1.5mm ²	
16-24		16-24		14-20		14-20		14-20		14-20	
AC15000V/MIN		AC15000V/MIN		AC1000V/MIN		AC1000V/MIN		AC1000V/MIN		AC1000V/MIN	
1000MΩ at 500V		1000MΩ at 500V		1000MΩ at 500V		1000MΩ at 500V		1000MΩ at 500V		1000MΩ at 500V	
0.2		0.2		0.4		0.4		0.4		0.4	
-40° + 105° C		-40° + 105° C		-40° + 105° C		-40° + 105° C		-40° + 105° C		-40° + 105° C	
5-6mm		5-6mm		5-6mm		5-6mm		5-6mm		5-6mm	
20.550M/2	(21.550M/2)	20.650M/2		20.501M/2		20.500M/2	(21.500M/2)	20.600M/2	(21.600M/2)	20.505M/2	(21.505M/2)
20.550M/24	(21.550M/24)	20.650M/24		20.501M/24		20.500M/24	(21.500M/24)	20.600M/24	(21.600M/24)	20.505M/24	(21.505M/24)
20.605M/2	(21.605M/2)			20.605M/24	(21.605M/24)						



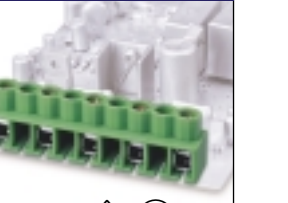
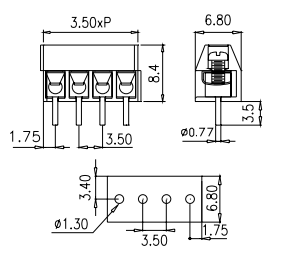
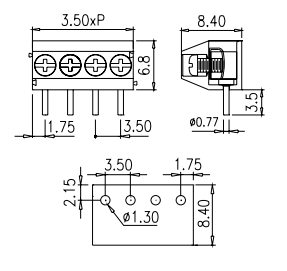
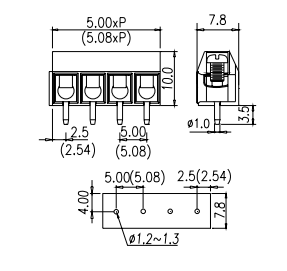
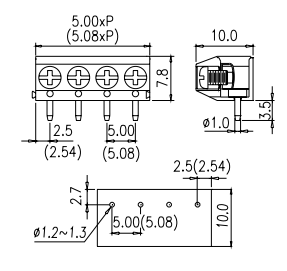
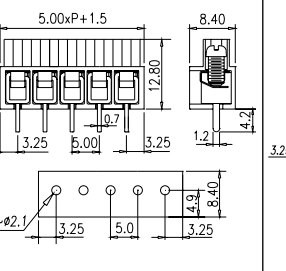
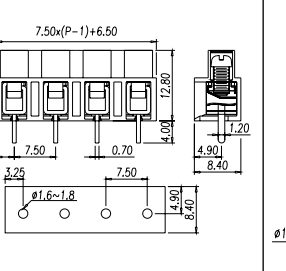
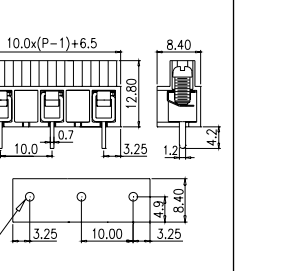
Pitch	Höhe	Pas	Passo
Technical data	Technische Daten	Documentation technique	Dati tecnici
Rated voltage	Nennspannung	Tension assignée	Tensione nominale
Rated current	Nennstrom	Courant assigné	Corrente nominale
Wire size	Drahtbereich	Diamètre des fils	Tipi di cavo
Wire range (AWG)	Geeignet	Gamme des fils	Idoneo
Insulation withstand voltage	Isolierungsspannungsfestigkeit	Tension d'isolement	Tensione di tenuta d'isolamento
Insulation resistance	Isolierungswiderstand	Résistance d'isolement	Resistenza d' isolamento
Torque (Nm)	Drehmoment	Couple	Coppia
Temperature range	Temperaturbereich	Plage de température	Gamma di temperature
Wire Strip length	Drahtabisolierlänge	Longueur isolée du fil	Lunghezza spellaggio cavo
Part no.	Artikelbez	Numéro d'identification	Part. No.
Pole	Pol	Pôle	Polo

20.101M		20.100M	21.100M	20.200M	21.200M	20.105M	21.105M	20.205M	21.205M	20.110M		20.210M	
												Picture not available	
													
5.00mm		5.00mm (5.08mm)		10.00mm (10.16mm)		5.00mm (5.08mm)		10.00mm (10.16mm)		7.50mm		15.00mm	
UL	IEC	UL	IEC	UL	IEC	UL	IEC	UL	IEC	UL	IEC	UL	IEC
300V	250V	300V	250V	300V	750V	300V	750V	300V	750V	300V	380V	300V	380V
16A	24A	16A	24A	16A	24A	16A	24A	16A	24A	16A	16A	16A	16A
2.5mm ²		2.5mm ²		2.5mm ²		2.5mm ²		2.5mm ²		2.5mm ²		2.5mm ²	
12-22		12-22		12-22		12-22		12-22		12-22		12-22	
AC1000V/MIN		AC1000V/MIN		AC1000V/MIN		AC1000V/MIN		AC1000V/MIN		AC1000V/MIN		AC1000V/MIN	
1000MΩ at 500V		1000MΩ at 500V		1000MΩ at 500V		1000MΩ at 500V		1000MΩ at 500V		1000MΩ at 500V		1000MΩ at 500V	
0.5		0.5		0.5		0.5		0.5		0.5		0.5	
-40° + 105° C		-40° + 105° C		-40° + 105° C		-40° + 105° C		-40° + 105° C		-40° + 105° C		-40° + 105° C	
6-7mm		6-7mm		6-7mm		6-7mm		6-7mm		6-7mm		6-7mm	
20.101M/2		20.100M/2 (21.100M/2)		20.200M/2 (21.200M/2)		20.105M/2 (21.105M/2)		20.205M/2 (21.205M/2)		20.110M/2		20.210M/2	
20.101M/24		20.100M/24 (21.100M/24)		20.200M/24 (21.200M/24)		20.105M/24 (21.105M/24)		20.205M/24 (21.205M/24)		20.110M/24		20.210M/24	

Standard PCB Terminal Blocks

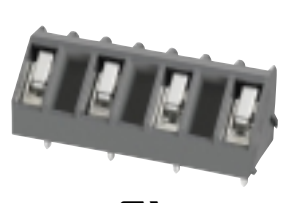
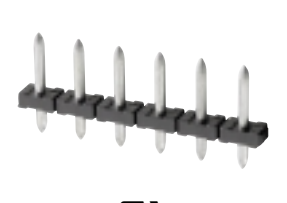
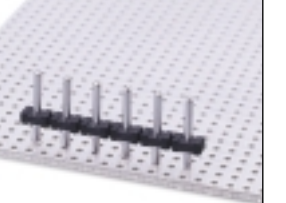
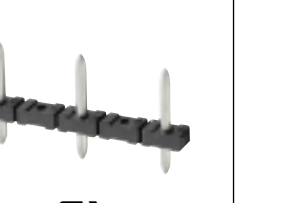
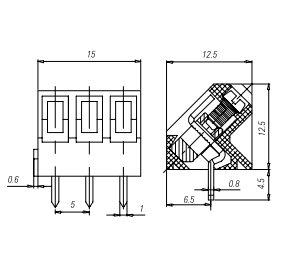
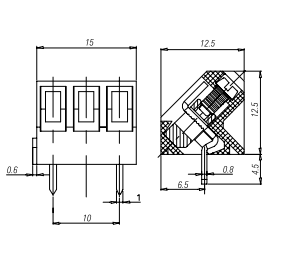
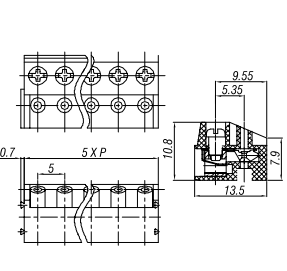
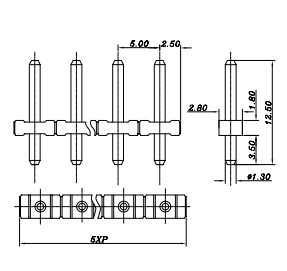
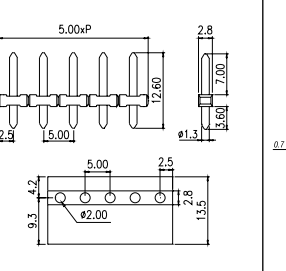
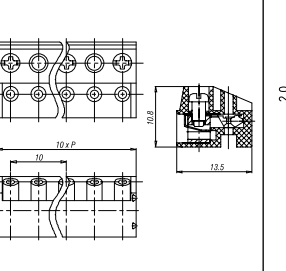
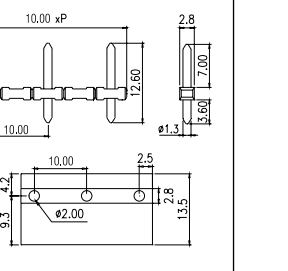


Pitch	Höhe	Pas	Passo
Technical data	Technische Daten	Documentation technique	Dati tecnici
Rated voltage	Nennspannung	Tension assignée	Tensione nominale
Rated current	Nennstrom	Courant assigné	Corrente nominale
Wire size	Drahtbereich	Diamètre de fils	Tipi di cavo
Solid wire (AWG)	Massivdraht (AWG)	Fil rigide (AWG)	Cavo rigido (AWG)
Stranded wire (AWG)	Normaldraht (AWG)	Fil standard (AWG)	Cavo standard (AWG)
Rated surge voltage (UL/IEC/max)	Bemessungsstossspannung (max)	Surintention nominale (max)	Sovratensione nominale (max)
Torque (Nm)	Drehmoment	Couple	Coppia
Screw	Schraube	Plage de température	Vite
Wire Strip length	Drahtabisolierlänge	Longueur isolée du fil	Lunghezza spellaggio cavo
Part no.	Artikelbez	Numéro d'identification	Part. No.
Pole	Pol	Pôle	Polo

20.510M	20.514M	20.511M	21.511M	20.515M	21.515M	20.102M	20.103M	20.104M
								
								
3.50mm	3.50mm	5.00mm (5.08mm)	5.00mm (5.08mm)	5.00mm (5.08mm)	5.00mm (5.08mm)	5.00mm	7.50mm	10.00mm
UL IEC	UL IEC	UL IEC	UL IEC	UL IEC	UL IEC	UL IEC	UL IEC	UL IEC
300V 130V	300V 130V	300V 250V	300V 250V	300V 250V	300V 250V	300V 450V	300V 450V	600V 450V
10A 10A	10A 10A	16A 12A	16A 12A	16A 12A	16A 12A	12A 32A	12A 32A	12A 32A
1.5mm²	1.5mm²	2.5mm²	2.5mm²	2.5mm²	2.5mm²	4mm²	4mm²	4mm²
24-16	24-16	24-14	24-14	24-14	24-14	18-12	18-12	18-12
24-18	24-18	24-14	24-14	24-14	24-14	18-12	18-12	18-12
1.6/1.25/2kV	1.6/1.25/2kV	1.6/2/4kV	1.6/2/4kV	1.6/2/4kV	1.6/2/4kV	1.6/2.5/4kV	1.6/2.5/4kV	1.6/2.5/4kV
0.2	0.2	0.4	0.4	0.4	0.4	0.3	0.3	0.3
M2	M2	M2.5	M2.5	M2.5	M2.5	M3	M3	M3
5-6mm	5-6mm	5-6mm	5-6mm	5-6mm	5-6mm	6-7mm	6-7mm	6-7mm
20.510M/2	20.514M/2	20.511M/2	(21.511M/2)	20.515M/2	(21.515M/2)	20.102M/2SB	20.103M/2	20.104M/2
20.510M/24	20.514M/24	20.511M/24	(21.511M/24)	20.515M/24	(21.515M/24)	20.102M/24SB	20.103M/12	20.104M/12



Pitch	Höhe	Pas	Passo
Technical data	Technische Daten	Documentation technique	Dati tecnici
Rated voltage	Nennspannung	Tension assignée	Tensione nominale
Rated current	Nennstrom	Courant assigné	Corrente nominale
Wire size	Drahtbereich	Diamètre des fils	Tipi di cavo
Wire range (AWG)	Geeignet	Gamma des fils (AWG)	Idoneo
Insulation withstand voltage	Isolierungsspannungsfestigkeit	Tension d'isolement	Tensione di tenuta d'isolamento
Insulation resistance	Isolierungswiderstand	Resistance d'isolement	Resistenza d' isolamento
Torque (Nm)	Drehmoment	Couple	Coppia
Temperature range	Temperaturbereich	Plage de température	Gamma di temperature
Wire Strip length	Drahtabisolierlänge	Longueur isolée du fil	Lunghezza spellaggio cavo
Part no.	Artikelbez	Numéro d'identification	Part. No.
Pole	Pol	Pôle	Polo

20.300M	20.400M	20.130M	20.130M/PS	20.131M-HT	20.230M	20.230M/PS
						
						
5.00mm	10.00mm	5.00mm	5.00mm	5.00mm	10.00mm	10.00mm
UL IEC	UL IEC	UL IEC	UL IEC	UL IEC	UL IEC	UL IEC
300V 250V	300V 750V	300V 250V	300V 250V	300V 250V	300V 750V	300V 750V
16A 24A	16A 24A	10A 17.5A	10A 17.5A	10A 10A	10A 17.5A	10A 17.5A
2.5mm²	2.5mm²	1.5mm²			1.5mm²	
12-20	12-20	14-20			14-20	
AC1500V/MIN	AC1500V/MIN	AC1500V/MIN			AC1500V/MIN	
1000MΩ at 500V	1000MΩ at 500V	1000MΩ at 500V			1000MΩ at 500V	
0.4	0.4	0.4			0.4	
-40° + 105° C	-40° + 105° C	-40° + 105° C		-40° + 105° C	-40° + 105° C	-40° + 105° C
6-7mm	6-7mm	6-7mm			6-7mm	
20.300M/2	20.400M/2	20.130M/2	20.130M/PS2	20.131M/PS2-HT	20.230M/2	20.230M/PS12
20.300M/24	20.400M/24	20.130M/24	20.130M/PS24	20.131M/PS24-HT	20.230M/24	