euroclamp

Printed circuit terminal blocks and custom electronic connections

Printklemmen für Leiterplatten und kundenspez. Steckverbindungen

SHORTFORM CATALOGUE
PRODUKTÜBERSICHT

EDITION / AUSGABE 2017

euroclamp

Established in 1988 as a specialized sub-contracting company, **euroclamp** began the production of printed circuit terminal blocks in 1998.
Thanks to our experience of more than 30 years within a leading group of companies in the electronic components area, we have been immediately recognized as a flexible, reliable and highly innovative company.
We are a young company with an important technical know-how, which allowed **euroclamp** to grow very fast in the last years both in terms of product offer than presence on a worldwide market.
euroclamp is more and more identified as a "solution provider" and not only as a simple "components provider". This mostly thanks to our skill for custom design-in solutions.
Our products are designed and assembled in our facilities in Italy and are regularly controlled and inspectioned during every production phase. **euroclamp** terminal blocks and connectors conform the IEC standards, conform the EC directive 2002/95/CE (RoHS) and are approved by IMQ, UL-cUL and VDE.
We want to be a partner for our customers and we are pleased to welcome new and special requests that are feeding our growth.
Our customers rely on us to solve their design problems and needs, they contact our R&D dept. to "create" value added solutions that bring to a novelty on the market.
Flexibility at **euroclamp** means complete technical support from designing to final installation but means also a comprehensive and fast increasing range of pcb terminal blocks, electronic housings and different useful accessories.

PLUG-IN CONNECTORS

- Wire section
- Pitches (mm)
- Mounting position
- Connection system
- Nr. Poles

Mech.al characteristics

- Captive screw
- Rec. tightening torque

Electrical characteristics

- Rated current
- Rated voltage
- Impulse voltage

General characteristics

- PCB holes diameter

__euroclamp__ ist 1988 als Zulieferbetrieb für die Elektronikbranche entstanden und hat seinen Weg im Bereich der Printklemmen im Jahre 1998 begonnen. Dank unserer Erfahrung von mehr als 30 Jahren mit führenden Unternehmen aus der Elektronikbranche sind wir als flexibles, zuverlässiges und innovatives Unternehmen bekannt geworden. Wir sind eine junges und flexibles Team mit grossem, technischem Know-How. Das ermöglichte __euroclamp__ in den letzten Jahren im Bereich des Produktangebots und der Präsenz auf einem weltweiten Markt sehr schnell zu wachsen.
Dank unserer Fähigkeit auf Kundenwünsche eingehen zu können, identizifiert sich __euroclamp__ mehr und mehr als Lösungsanbieter und nicht nur als einfacher Komponentenanbieter. Unsere Kunden wenden sich an uns um ihre Designprobleme zu lösen. Mit unserer Entwicklungsabteilung können wir individuelle Lösungen erarbeiten und dem Kunden somit einen Zusatznutzen oder Wettbewerbsvorteile bieten.
Bei __euroclamp__ bedeutet Flexibilität eine komplette technische Unterstützung vom Entwurf bis hin zur Produktion. So können wir für ein schnell wachsendes Angebot diverser Printklemmen, Gehäuse für die Elektronik und verschiedenes, nützliches Zubehör sorgen. Unsere Produkte werden in unseren Produktionswerken in Italien entwickelt, produziert und montiert. Während der einzelnen Bearbeitungsphasen werden regelmässige Qualitätskontrollen durchgeführt.
Die __euroclamp__ Printklemmen und Steckverbinder werden in Übereinstimmung mit den IEC-Richtlinien hergestellt und sind Konform nach der EU-Richtlinie 2002/95/EG (RoHS) ausserdem nach IMQ, UL-cUL und VDE zertifiziert.
Wir möchten uns als Partner für unsere Kunden, nicht nur als einfacher Lieferant verstehen und möchten weiterhin Ansporn finden, um neue Ziele zu verfolgen.

PLUG-IN CONNECTORS

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PLUG-IN CONNECTORS

	PF	PF	SHM-F/P	SHM /-P	SRF	PRF	SCR/TCR	PCR
Available versions	-	-	-	-	-	closed ends *geschlossene Enden*	-	-
Wire section	-	-	1,5mm² (16AWG)	2,5mm² (14AWG)	-	-	1,0mm² (16AWG)	-
Pitches (mm)	**5,08** (10,16)	**7,62** (15,24)	**3,5 / 3,81** (7 / 7,62)	**5 / 5,08** (10 / 10,16) **5,08** (10,16)	**5,08 / 7,62**	**5,08 / 7,62**	**5,08**	**5,08**
Mounting position	H - V	H - V	H	H	V	V	-	H - V
Connection system	-	-	Spring / *Federkraft*	Spring / *Federkraft*	Faston	-	Crimping / Crimp	-
Nr. Poles	02÷12 (02÷06)	02÷08 (02÷04)	02÷24 (02÷12)	02÷24 (02÷12)	02÷05 / 02÷04	02÷05 / 02÷04	02÷08 - 11 / 02÷N	02÷08 / 11
Mech.al characteristics								
Captive screw	-	-	-	-	-	-	-	-
Rec. tightening torque	-	-	-	-	-	-	-	-
Electrical characteristics								
Rated current	16A	16A	8A	12A	-	24A	-	4A
Rated voltage	250V (500V)	500V (1000V)	160V (500V)	250V (500V)	-	250V / 400V	-	250V
Impulse voltage	4 kV (6 kV)	6 kV	2,5 kV (6 kV)	4 kV (6 kV)	-	4 kV	-	2 kV
General characteristics								
PCB holes diameter	Ø1,5mm	Ø1,5mm	-	-	-	Ø1,5mm	-	Ø1,5mm

V= Vertical / *Vertikal* **VR**= Reversed Vertical / *Vertikal 180° gedreht* **IT**= 35° Angled / *35° Winkel* **L**= Side / *Seitlich*
H= Horizontal / *Horizontal* **HR**= Reversed Horizontal / *Horizontal 180° gedreht* **IQ**= 45° Angled / *45° Winkel* **F**= Flying / *Fliegend*

CSV c UL us CE RoHS Conform

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STECKVERBINDER

SH	SH	SH-M	SH	SH-M	SH-K	SH-K	SHS	
1,5mm² (16AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	1,5mm² (16AWG)	2,5mm² (14AWG)	1,5mm² (16AWG)	*Leiterquerschnitt*
3,5 / 3,81 (7 / 7,62)	**5 / 5,08** (10 / 10,16)	**5 / 5,08** (10 / 10,16)	**7,5** (15)	**7,62** (15,24)	**3,5 / 3,81** (7 / 7,62)	**5 / 5,08** (10 / 10,16)	**5** (10)	*Rastermass (mm)*
H	H	H	H	H	H	H	H - V	*Montageposition*
Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Cage clamp / *Käfigsystem*	*Verbindungssystem*
02÷24 (02÷12)	02÷24 (02÷12)	2÷3 (1÷2)	02÷16 (02÷08)	02÷10 (01÷05)	02÷22 (02÷11)	02÷22 (02÷11)	2÷3 (1÷2)	*Polzahl*
								Mech. Eigenschaften
M2	M3	M3	M3	M3	M2	M3	M2,5	*Schraubengewinde*
0,25Nm / 2,3Lb-in	0,5Nm / 4,5Lb-in.	0,5Nm / 4,5Lb-in	0,5Nm 4,5Lb-in	0,5Nm 4,5Lb-in	0,25Nm / 2,3Lb-in	0,5Nm / 4,5Lb-in	0,4Nm / 3,6Lb-in	*Anzugsdrehmoment*
								Elekt. Eigenschaften
8A	16A	16A	16A	16A	8A	16A	10A	*Bemessungsstrom*
160V (500V)	250V (500V)	250V (500V)	500V (1000V)	500V (1000V)	160V (500V)	250V (500V)	250V (630V)	*Bemessungsspannung*
2,5 kV (6 kV)	4 kV (6 kV)	4 kV (6 kV)	6 kV	6 kV	2,5 kV (6 kV)	4 kV (6 kV)	4 kV (6 kV)	*Spannungsimpuls*
								Allgem. Eigenschaften
-	-	-	-	-	-	-	-	*Ø Leiterplattenbohrung*

STECKVERBINDER

SHCS	SHCS-E	SV-F/P	SV-F/P	SV-F/P	SV-F/P-K	SVR-K	SF-P	
2,5mm² (14AWG)	2,5mm² (14AWG)	1,5mm² (16AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	1,5mm² (16AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	*Leiterquerschnitt*
5 (10)	**5** (10)	**3,5 / 3,81**	**5 / 5,08** (10 /10,16)	**7,5 / 7,62** (15 / 15,24)	**3,5 / 3,81** (7 / 7,62)	**5** (10)	**5,08** (10,16)	*Rastermass (mm)*
H	H	V	V	V	V	VR	H	*Montageposition*
Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	*Verbindungssystem*
02÷12 (01÷06)	02÷03 (01÷02)	02÷24	02÷24 (02÷12)	02÷16 (02÷08)	02÷22 (02÷11)	02÷22 (02÷11)	02÷24 (02÷12)	*Polzahl*
								Mech. Eigenschaften
M3	M3	M2	M3	M3	M2	M3	M3	*Schraubengewinde*
0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,2Nm / 1,8Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,25Nm / 2,3Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	*Anzugsdrehmoment*
								Elekt. Eigenschaften
15A	15A	8A	16A	16A	8A	12A (15A)	12A (15A)	*Bemessungsstrom*
250V (630V)	250V (630V)	160V	250V (500V)	500V (1000V)	160V (500V)	250V (500V)	250V (500V)	*Bemessungsspannung*
4 kV (6 kV)	4 kV (6 kV)	2,5 kV	4 kV (6 kV)	6 kV	2,5 kV (6 kV)	4 kV (6 kV)	4 kV (6 kV)	*Spannungsimpuls*
								Allgem. Eigenschaften
-	-	-	-	-	-	-	-	*Ø Leiterplattenbohrung*

STECKVERBINDER

PV-P	PV	PV-P	PV-M	PV-HR-P	PV-P	PV-LSL/LDL-P	PV-LS/LD	
Closed/open ends	Open ends	Closed ends	Open ends	Closed/open ends	Closed/open ends	Closed ends	Open ends	*Verfügbare Versionen*
Geschlossene/offene Enden	*Offene Enden*	*Geschlossene Enden*	*Offene Enden*	*Geschlossene/offene Enden*	*Geschlossene/offene Enden*	*Geschlossene Enden*	*Offene Enden*	
-	-	-	-	-	-	-	-	
3,5 / 3,81 (7 / 7,62)	**5 / 5,08** (10 / 10,16)	**5 / 5,08** (10 / 10,16)	**5 / 5,08** (10 / 10,16)	**5 / 5,08** (10 / 10,16)	**7,5 / 7,62** (15 / 15,24)	**3,5**	**5** (10)	*Leiterquerschnitt*
H - V	H - V	H - V	H - V	HR	H - V	L	L	*Rastermass (mm)*
-	-	-	-	-	-	-	-	*Montageposition*
02÷24 (02÷12)	02÷24 (02÷12)	02÷24 (02÷12)	02÷03 (01÷02)	02÷24 (01÷12)	02÷16 (02÷08)	04	03 / 04 (02)	*Verbindungssystem*
								Polzahl
								Mech. Eigenschaften
-	-	-	-	-	-	-	-	*Schraubengewinde*
-	-	-	-	-	-	-	-	*Anzugsdrehmoment*
								Elekt. Eigenschaften
8A	16A	16A	16A	16A	16A	8A	12A (15A)	*Bemessungsstrom*
160V (500V)	250V (500V)	250V (500V)	250V (500V)	250V (500V)	500V	160V	250V (500V)	*Bemessungsspannung*
2,5 kV (6 kV)	4 kV (6 kV)	4 kV (6 kV)	4 kV (6 kV)	4 kV (6 kV)	6 kV	2,5 kV	4 kV (6 kV)	*Spannungsimpuls*
								Allgem. Eigenschaften
Ø1,3mm	Ø1,5mm	Ø1,5mm	Ø1,5mm	Ø1,5mm	Ø1,5mm	Ø1,2mm	Ø1,5mm	*Ø Leiterplattenbohrung*

RoHS Conform

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PLUG-IN CONNECTORS

	PV-K	PV-K	PI-IQ(-P)	PDV	PDH/PDV	PDH/PDV	PDSV(-P)	PVS
Available versions	with flange *mit flansch*	with flange *mit flansch*	closed/open ends *geschlossene/offene Enden*	closed/open ends *geschlossene/offene Enden*	-	-	closed/open ends *geschlossene/offene Enden*	-
Pitches (mm)	**3,5 / 3,81** (7 / 7,62)	**5 / 5,08** (10 / 10,16)	**5,08** (10,16)	**3,5 / 3,81** (7 / 7,62)	**5**	**5,08**	**5,08** (10,16)	**3,5 / 5** (7 / 10)
Mounting position	H - V	H - V	IQ	H - V	H - V	H - V	H - V	V
Connection system	-	-	-	-	-	-	-	-
Nr. Poles	02÷22 (02÷11)	02÷22 (02÷11)	02÷24 (02÷12)	02÷03 (02)	07 / 10 / 12 / 19	02÷12	02÷03 (01÷02)	02÷24 (02÷12)
Mech.al characteristics								
Captive screw	-	-	-	-	-	-	-	-
Rec. tightening torque	-	-	-	-	-	-	-	-
Electrical characteristics								
Rated current	8A	16A	16A	8A	12A	12A	12A (15A)	8A / 10A
Rated voltage	160V (500V)	250V (500V)	250V (500V)	160V (500V)	250V	250V	250V (500V)	160V (400V) / 250V (630V)
Impulse voltage	2,5 kV (6 kV)	4 kV (6 kV)	4 kV (6 kV)	2,5 kV (6 kV)	4 kV	4 kV	4 kV (6 kV)	2,5 kV / 4 kV (6 kV)
General characteristics								
PCB holes diameter	Ø1,3mm	Ø1,5mm	Ø1,5mm	Ø1,3mm	Ø1,5mm	Ø1,5mm	Ø1,5mm	Ø1,2mm / Ø1,5mm

SINGLE DECK TERMINAL BLOCKS

	MLK13	MBE15	MVE11	MVE11-L	MVE15	MVE26	MBES15	MVES15
Wire section	1,0mm² (16AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)
Pitches (mm)	**3,5 / 3,81** (7 / 7,62)	**5** (10)	**5** (10)	**5** (10)	**5** (10)	**5 / 7,5** (10 / 15)	**5,08** (10,16)	**5,08** (10,16)
Mounting position	H - V	V	V	V	V	V	V	V
Connection system	Cage clamp / *Käfigsystem*	Cage clamp / *Käfigsystem*	Cage clamp / *Käfigsystem*	Cage clamp / *Käfigsystem*	Cage clamp / *Käfigsystem*	Cage clamp / *Käfigsystem*	Cage clamp / *Käfigsystem*	Cage clamp / *Käfigsystem*
Nr. Poles	2÷3 (1÷2)	2÷12 (2÷6)	2÷12 (1÷6)	2÷12 (2÷6)	2÷12 (2÷6)	2÷24 (2÷12) / 2÷16 (2÷8)	2÷4 (1÷2)	2÷4 (1÷2)
Mech.al characteristics								
Captive screw	M2	M2,5	M2,5	M2,5	M2,5	M3	M2,5	M2,5
Rec. tightening torque	0,2Nm / 1,8Lb-in	0,4Nm / 3,6Lb-in	0,4Nm / 3,6Lb-in	0,4Nm / 3,6Lb-in	0,4Nm / 3,6Lb-in	0,5Nm / 4,5Lb-in	0,4Nm / 3,6Lb-in	0,4Nm / 3,6Lb-in.
Electrical characteristics								
Rated current	10A	24A	24A	24A	24A	24A	24A	24A
Rated voltage	130V (450V)	450V (750V)	450V (1000V)	450V (1000V)	450V (1000V)	450V / 750V (1000V)	250V (1000V)	250V (1000V)
Test voltage	1,25 kVrms/60s (2,5 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3,5 kVrms/60s)	2,5 kVrms/60s (3,5 kVrms/60s)	2,5 kVrms/60s (3,5 kVrms/60s)	2,5 kVrms/60s/ 3,5 kVrms/60s)	2 kVrms/60s (3,5 kVrms/60s)	2 kVrms/60s (3,5 kVrms/60s)
General characteristics								
PCB holes diameter	Ø1,3mm	Ø1,5mm	Ø1,5mm	Ø1,5mm	Ø1,5mm	Ø1,5mm	Ø1,5mm	Ø1,5mm

SINGLE DECK TERMINAL BLOCKS

	MVE17	MVK45-L	MVK47	MV13	MVS13	MV15	MVS15	MVS15-IT
Wire section	2,5mm² (14AWG)	4,0mm² (12AWG)	6,0mm² (10AWG)	1,0mm² (16AWG)	1,5mm² (16AWG)	1,5mm² (16AWG)	1,5mm² (14AWG)	1,5mm² (14AWG)
Pitches (mm)	**7,5** (15)	**5** (10)	**7,62** (15,24)	**3,5 / 3,81** (7 / 7,62)	**3,5 / 3,81** (7 / 7,62)	**5 / 5,08** (10 / 10,16)	**5 / 5,08** (10 / 10,16)	**5** (10)
Mounting position	V	V	V	H - V	H - V	H - V	H - V	IT
Connection system	Cage clamp / *Käfigsystem*	Direct / *Direkt*	Direct / *Direkt*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*
Nr. Poles	2÷3 (1÷2)	1 / 2 / 3 (2)	1/2/3 (1/2)	2÷12 (2÷6)	2÷12 (1÷6)	2÷12 (1÷6)	2÷12 (1÷6)	2÷3 (1÷2)
Mech.al characteristics								
Captive screw	M2,5	M3	M4	M2	M2	M3	M3	M3
Rec. tightening torque	0,4Nm / 3,6Lb-in	1Nm / 9Lb-in	1Nm / 9Lb-in	0,2Nm / 1,8Lb-in	0,2Nm / 1,8Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in
Electrical characteristics								
Rated current	24A	32A	41A	17,5A	17,5A	13,5A	17,5A	17,5A
Rated voltage	750V (1000V)	250V (750V)	750V	130V (450V)	130V (450V)	250V (750V)	450V (750V)	450V (750V)
Test voltage	3 kVrms/60s (3,5 kVrms/60s)	2 kVrms/60s (3 kVrms/60s)	3 kVrms/60s	1,25 kVrms/60s (2,5 kVrms/60s)	1,25 kVrms/60s (2,5 kVrms/60s)	2 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)
General characteristics								
PCB holes diameter	Ø1,5mm	Ø1,8mm	Ø1,8mm	Ø1,3mm	Ø1,3mm	Ø1,3mm	Ø1,5mm	Ø1,5mm

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								EINREIHIGE PRINTKLEMMEN
MVS17	**MVE25**	**MVE25-HR**	**ML25-D/S-P**	**MI25**	**MI25**	**MIP25**	**MVS25**	
1,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	*Leiterquerschnitt*
7,5/7,62 (15/15,24)	**5 (10)**	**5 (10)**	**5 (10)**	**5,08 (10,16)**	**5 / 5,08 (10 / 10,16)**	**5 / 5,08 (10 / 10,16)**	**5,08 / 10,16**	*Rastermass (mm)*
H - V	H - V	HR	L	IT	IQ	IQ	H	*Montageposition*
Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	*Verbindungssystem*
2÷12 (1÷6)	2÷12 (2÷6)	2÷3 (1÷2)	3 (2)	2÷3 (1÷2)	2÷3 (1÷2)	2÷3 (1÷2)	2÷3 (1÷2)	*Polzahl*
								Mech. Eigenschaften
M3	M3	M3	M3	M3	M3	M3	M3	*Schraubengewinde*
0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,8Nm / 7,2Lb-in	*Anzugsdrehmoment*
								Elekt. Eigenschaften
17,5A	16A	16A	16A	16A	16A	24A	24A	*Bemessungsstrom*
750V	450V (750V)	250V (750V)	250V (750V)	450V (750V)	450V (750V)	250V (750V)	450V (750V)	*Bemessungsspannung*
3 kVrms/60s	2,5 kVrms/60s (3 kVrms/60s)	2 kVrms/60s (3 kVrms/60s)	2 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	2 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	*Prüfspannung*
								Allgem. Eigenschaften
Ø1,5mm	Ø1,5mm	Ø1,3mm	Ø1,4mm	Ø1,3mm	Ø1,3mm	Ø1,5mm	Ø1,5mm	*Ø Leiterplattenbohrung*

								EINREIHIGE PRINTKLEMMEN
MVS25-HS	**MVS25-HS**	**MV25**	**MV25D**	**MVSP25**	**MVE27**	**MV27**	**MV27D**	
2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	*Leiterquerschnitt*
5,08 (10,16)	**5,08 (10,16)**	**5,08 (10,16)**	**5,08 (10,16)**	**5,08 (10,16)**	**7,5 (15)**	**7,5 (15)**	**7,5 (15)**	*Rastermass (mm)*
H	V	H - V	V	H - V	H - V - HR	H - V	V	*Montageposition*
Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	*Verbindungssystem*
2÷3 (1÷2)	2÷3 (1÷2)	2/3/4/8 (1/2)	2/3/4/8 (1/2)	2÷3 (1÷2)	2÷3 (1÷2)	2÷3 (1÷2)	2÷3 (1÷2)	*Polzahl*
								Mech. Eigenschaften
M3	M3	M3	M3	M3	M3	M3	M3	*Schraubengewinde*
0,8Nm / 7,2Lb-in	0,8Nm / 7,2Lb-in	0,5Nm / 4,5Lb-in	0,8Nm / 7,2Lb-in	0,8Nm / 7,2Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,8Nm / 7,2Lb-in	*Anzugsdrehmoment*
								Elekt. Eigenschaften
24A	32A	16A	24A	24A	16A	16A	24A	*Bemessungsstrom*
450V (750V)	450V (750V)	450V (750V)	250V (750V)	450V (750V)	750V	750V	750V	*Bemessungsspannung*
2,5 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	2 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	3 kVrms/60s	3 kVrms/60s	3 kVrms/60s	*Prüfspannung*
								Allgem. Eigenschaften
Ø1,5mm	Ø1,5mm	Ø1,3mm	Ø1,3mm	Ø1,5mm	Ø1,3mm	Ø1,3mm	Ø1,3mm	*Ø Leiterplattenbohrung*

								EINREIHIGE PRINTKLEMMEN
MI27-IT	**MVSP27**	**MV46**	**MV47**	**MV47-D/S**	**ME672**	**MV49**	**MV10**	
2,5mm² (14AWG)	2,5mm² (14AWG)	6,0mm² (10AWG)	6,0mm² (10AWG)	6,0mm² (10AWG)	6,0mm² (10AWG)	6,0mm² (10AWG)	10mm² (8AWG)	*Leiterquerschnitt*
7,5 (15)	**7,62 (15,24)**	**6,35 (12,7)**	**7,62 (15,24)**	**7,62**	**7,62**	**9,52 (19,04)**	**10,16 / 12,7 (20,32)**	*Rastermass (mm)*
IT	H - V	H - V - IT	H - V	L	H	H - V	V	*Montageposition*
Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	*Verbindungssystem*
2÷3 (1÷2)	2÷3 (1÷2)	2÷3 (1÷2)	2÷12 (1÷6)	1÷6	2	2÷3 (1÷2)	1÷3 (1÷2)	*Polzahl*
								Mech. Eigenschaften
M3	M3	M3	M3	M3	M3,5	M3	M4	*Schraubengewinde*
0,5Nm / 4,5Lb-in	0,8Nm / 7,2Lb-in	0,8Nm / 7,2Lb-in	0,8Nm / 7,2Lb-in	0,8Nm / 7,2Lb-in	0,8Nm / 7,2Lb-in	0,8Nm / 7,2Lb-in	1,2Nm / 10,8Lb-in	*Anzugsdrehmoment*
								Elekt. Eigenschaften
16A	24A	32A	32A	32A	41A	32A	70A	*Bemessungsstrom*
750V	750V	450V (750V)	750V	750V	450V	750V (1000V)	750V / 1000V	*Bemessungsspannung*
3 kVrms/60s	3 kVrms/60s	2,5 kVrms/60s (3 kVrms/60s)	3 kVrms/60s	3 kVrms/60s	2,5 kVrms/60s	3 kVrms/60s (3,5 kVrms/60s)	3 / 3,5 kVrms/60s	*Prüfspannung*
								Allgem. Eigenschaften
Ø1,3mm	Ø1,5mm	Ø1,4mm	Ø1,4mm	Ø1,5mm	-	Ø1,4mm	Ø1,7mm	*Ø Leiterplattenbohrung*

RoHS Conform

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SINGLE DECK TERMINAL BLOCKS
EINREIHIGE PRINTKLEMMEN

FUSE HOLDERS / *SICHERUNGSHALTER*

	MV10-A	MVP35	MT17	MT21	MPF	MPFA	MPFA-V68
WIRE SECTION / *LEITERQUERSCHNITT*	10mm² (8AWG)	35mm² (2AWG)	2x2,5mm² (2x14AWG)	2x2,5mm² (2x14AWG)	2,5mm² (14AWG)	-	-
PITCHES (mm) / *RASTERMASS (mm)*	**10,16 / 12,7**	**15**	**7,5 (15)**	**10 (20)**	**10**	**11**	**11**
MOUNTING POSITION / *MONTAGEPOSITION*	V / V-E	V	V	V	V	V	V
CONNECTION SYSTEM / *VERBINDUNGSSYSTEM*	RISING CLAMP / *LIFTSYSTEM*	RISING CLAMP / *LIFTSYSTEM*	CLAMPING / *KOPFKLEMME*	CLAMPING / *KOPFKLEMME*	RISING CLAMP / *LIFTSYSTEM*	-	-
NR. POLES / *POLZAHL*	1	1	2÷3 (1÷2)	2÷3 (1÷2)	1÷5	2÷6	2÷6
MECH.AL CHARACTERISTICS / *MECH. EIGENSCHAFTEN*							
CAPTIVE SCREW / *SCHRAUBENGEWINDE*	M4	M5	M3	M3,5	M3	-	-
REC. TIGHTENING TORQUE / *ANZUGSDREHMOMENT*	1,2Nm / 10,8Lb-in	3Nm / 27Lb-in	0,5Nm / 4,5Lb-in	0,8Nm / 7,2Lb-in	0,5Nm / 4,5Lb-in	-	-
ELECTRICAL CHARACTERISTICS / *ELEKT. EIGENSCHAFTEN*							
RATED CURRENT / *BEMESSUNGSSTROM*	42A / 49A	125A	24A	25A	2,5A	1÷40A	1÷40A
RATED VOLTAGE / *BEMESSUNGSSPANNUNG*	1000V	1000V	450V (750V)	750V	250V	-	-
TEST VOLTAGE / *PRÜFSPANNUNG*	3,5 kVrms/60s	3,5 kVrms/60s	2,5 kVrms/60s (3 kVrms/60s)	3 kVrms/60s	2kVrms/60s	-	-
GENERAL CHARACTERISTICS / *ALLGEM. EIGENSCHAFTEN*							
PCB HOLES DIAMETER / *Ø LEITERPLATTENBOHRUNG*	Ø1,7mm	Ø1,8mm	Ø1,4mm	Ø1,5mm	-	Ø2,4mm	-

MULTI DECK TERMINAL BLOCKS
DOPPEL- / DREISTOCK-KLEMMEN

	MMT15	MMT25	MMT27	MVD15	MVD25	MVDK25	MVT25
WIRE SECTION / *LEITERQUERSCHNITT*	1,5mm² (16AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	1,5mm² (16AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)
PITCHES (mm) / *RASTERMASS (mm)*	**5,08 (10,16)**	**5 (10)**	**7,5 (15)**	**5 / 5,08 (10 / 10,16)**	**5 / 5,08 (10 / 10,16)**	**5,08 (10,16)**	**5,08 (10,16)**
MOUNTING POSITION / *MONTAGEPOSITION*	V	V	V	V	V	V	V
CONNECTION SYSTEM / *VERBINDUNGSSYSTEM*	RISING CLAMP / *LIFTSYSTEM*	RISING CLAMP / *LIFTSYSTEM*	RISING CLAMP / *LIFTSYSTEM*	RISING CLAMP / *LIFTSYSTEM*	RISING CLAMP / *LIFTSYSTEM*	RISING CLAMP / *LIFTSYSTEM*	RISING CLAMP / *LIFTSYSTEM*
NR. POLES / *POLZAHL*	2÷3 (1÷2)	2÷3 (1÷2)	1	2÷3 (1÷2)	2÷3 (1÷2)	2÷3 (1÷2)	2÷3 (1÷2)
MECH.AL CHARACTERISTICS / *MECH. EIGENSCHAFTEN*							
CAPTIVE SCREW / *SCHRAUBENGEWINDE*	M3	M3	M3	M3	M3	M3	M3
REC. TIGHTENING TORQUE / *ANZUGSDREHMOMENT*	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in
ELECTRICAL CHARACTERISTICS / *ELEKT. EIGENSCHAFTEN*							
RATED CURRENT / *BEMESSUNGSSTROM*	13,5A	24A	24A	13,5A	16A	16A	16A
RATED VOLTAGE / *BEMESSUNGSSPANNUNG*	250V (750V)	450V (750V)	750V	250V (750V)	450V (750V)	450V (750V)	450V (750V)
TEST VOLTAGE / *PRÜFSPANNUNG*	2 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	3 kVrms/60s	2 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)
GENERAL CHARACTERISTICS / *ALLGEM. EIGENSCHAFTEN*							
PCB HOLES DIAMETER / *Ø LEITERPLATTENBOHRUNG*	Ø1,3mm	Ø1,3mm	Ø1,3mm	Ø1,3mm	Ø1,3mm	Ø1,3mm	Ø1,3mm

SCREWLESS TERMINAL BLOCKS
SCHRAUBENLOSE KLEMMEN

	SHM-P/F-K	SHM-K	MVEM5-V	MG1	MG1-P	MG1D	MG1T
WIRE SECTION / *LEITERQUERSCHNITT*	1,5mm² (16AWG)	2,5mm² (14AWG)	1,5mm² (16AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)	2,5mm² (14AWG)
PITCHES (mm) / *RASTERMASS (mm)*	**3,5 / 3,81 (7 / 7,62)**	**5 / 5,08 (10 / 10,16)**	**5 (10)**	**5 / 5,08 (10 / 10,16)**	**7,5 / 7,62 (15 / 15,24)**	**5 / 5,08 (10 / 10,16)**	**5 / 5,08 (10 / 10,16)**
MOUNTING POSITION / *MONTAGEPOSITION*	H	H	V	V	V	V	V
CONNECTION SYSTEM / *VERBINDUNGSSYSTEM*	SPRING / *FEDERKRAFT*	SPRING / *FEDERKRAFT*	SPRING / *FEDERKRAFT*	SPRING / *FEDERKRAFT*	SPRING / *FEDERKRAFT*	SPRING / *FEDERKRAFT*	SPRING / *FEDERKRAFT*
NR. POLES / *POLZAHL*	02÷22 (02÷11)	02÷22 (02÷11)	2÷3 (01÷02)	01÷N	01÷N	01÷N	01÷N
MECH.AL CHARACTERISTICS / *MECH. EIGENSCHAFTEN*							
BUTTON / *TASTE*	YES / *JA*	YES / *JA*	YES / *JA*	NO / *NEIN*	YES / *JA*	NO / *NEIN*	NO / *NEIN*
RELEASING SPRING (mm) / *LOSE FEDERKRAFT (mm)*	0.4 x 2.5	0.6 x 3.5	0.6 x 3.5	0.6 x 3.5	0.6 x 3.5	0.6 x 3.5	0.6 x 3.5
ELECTRICAL CHARACTERISTICS / *ELEKT. EIGENSCHAFTEN*							
RATED CURRENT / *BEMESSUNGSSTROM*	8A	12A	10A	24A	24A	24A	24A
RATED VOLTAGE / *BEMESSUNGSSPANNUNG*	160V (500V)	250V (500V)	250V (750V)	250V (750V)	450V (750V)	250V (750V)	250V (750V)
TEST VOLTAGE / *PRÜFSPANNUNG*	2,5 kV (6 kV)	4 kV (6 kV)	2 kVrms/60s (3 kVrms/60s)	2 kVrms/60s (3 kVrms/60s)	2,5 kVrms/60s (3 kVrms/60s)	2 kVrms/60s (3 kVrms/60s)	2 kVrms/60s (3 kVrms/60s)
GENERAL CHARACTERISTICS / *ALLGEM. EIGENSCHAFTEN*							
PCB HOLES DIAMETER / *Ø LEITERPLATTENBOHRUNG*	-	-	Ø1,3mm	Ø1,4mm	Ø1,4mm	Ø1,5mm	Ø1,5mm

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SUPPORTS
DIN-SCHIENEN-GEHÄUSE

VPC12/16/17	M-45/72/107	E-72/E-107	CEM17	CEM22	CEM35	SDA/D/P/U	
DIN EN50022 - EN50035	DIN EN50022 - EN50035	DIN EN50022 - EN50035	DIN EN50022	DIN EN50022	DIN EN50022	DIN EN50022 (35x7,5/15)	Mounting rails / *Befestigungsschienen*
-	-	-	12	16	24	-	Max nr. connectable poles / *Max. Polzahl anschließbar*
-	-	-	**17,5mm**	**22,5mm**	**35mm**	-	Module width / *Modulbreite*
-	-	-	V	H - V	H - V	-	PCB position / *Leiterplattenposition*
-	-	-	1	2	2	-	PCB number / *Leiterplattenanzahl*
73mm	42-72-107.5mm	72-107.5mm	On request / *Auf Anfrage*	On request / *Auf Anfrage*	On request / *Auf Anfrage*	-	PCB size / *Leiterplattengröße*
Modular / *Modular*	Modular / *Modular*	Extruded / *Extrudiert*	-	-	-	-	Version / *Version*
							General characteristics / *Allgem. Eigenschaften*
-	-	-	ML25-LC	ML25-V-L / ML25-LC	ML253-5-D-LI / ML253-5-S-LI	-	Available clamp / *Verfügbare Klemme*
-	-	-	PV04-3,5-LSL/LDL-P SH04-3,5/SHM04-3,5-P	PV-H / PV04-5-LS/LD SH04-5	-	-	Available connector / *Verfügbare Steckverbinder*
-	-	-	TP35 - TG35	-	TP35 - TG35	-	Accessories / *Zubehör*

ACCESSORIES
ZUBEHÖR

PT	PTP15	POL-S/POL-P	OT-PV	MVI	ZRS/ZRSL	ZRA-5	
-	-	-	-	4,0mm² (12AWG)	-	-	Wire section / *Leiterquerschnitt*
5,08 / 10,16 / 15,24	**15**	-	-	**6,35 / 12,7**	-	-	Pitches (mm) / *Rastermass (mm)*
-	-	-	-	V	V	V	Mounting position / *Montageposition*
-	-	-	-	Rising clamp / *Liftsystem*	-	-	Connection system / *Verbindungssystem*
-	-	6	1	1÷N	-	-	Nr. Poles / *Polzahl*
							Mech.al characteristics / *Mech. Eigenschaften*
-	-	-	-	M3	-	-	Captive screw / *Schraubengewinde*
-	-	-	-	0,5Nm / 4,5Lb-in	-	-	Rec. tightening torque / *Anzugsdrehmoment*
							Electrical characteristics / *Elekt. Eigenschaften*
24A	125A	-	-	25A	5A	32A	Rated current / *Bemessungsstrom*
-	-	-	-	450V / 750V	250V	250V	Rated voltage / *Bemessungsspannung*
-	-	-	-	2,5 / 3kVrms/60s	2 kVrms/60s	2 kVrms/60s	Test voltage / *Prüfspannung*
							General characteristics / *Allgem. Eigenschaften*
-	-	-	-	-	Ø1,5mm	Ø2,3mm | Ø1,8mm	PCB holes diameter / *ø Leiterplattenbohrung*
T. blocks / *Printklemmen*	T. blocks / *Printklemmen*	Plug-in conn. / *Steckverbinder*	Plug-in conn. / *Steckverbinder*	-	-	-	Application / *Anwendung*

PANEL FEED-THROUGH T. BLOCKS
DURCHFÜHRUNGSKLEMMEN

MPT275	MPT410	MPT610	MPT1010	MPT1612	MPT2515	MPT5018	
2,5mm² (14AWG)	4mm² (12AWG)	6mm² (10AWG)	10mm² (8AWG)	16mm² (6AWG)	25mm² (4AWG)	50mm² (1/0AWG)	Wire section / *Leiterquerschnitt*
7,5	**10**	**10**	**10**	**12,1**	**15,1**	**18,8**	Pitches (mm) / *Rastermass (mm)*
V	V	V	V	V	V	V	Mounting position / *Montageposition*
Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Rising clamp / *Liftsystem*	Connection system / *Verbindungssystem*
1	1	1	1	1	1	1	Nr. Poles / *Polzahl*
							Mech.al characteristics / *Mech. Eigenschaften*
M3	M3	M4	M4	M5	M5	M6	Captive screw / *Schraubengewinde*
0,5Nm / 4,5Lb-in	0,5Nm / 4,5Lb-in	1,2Nm / 10,8Lb-in	1,2Nm / 10,8Lb-in	2Nm / 18Lb-in	2Nm / 18Lb-in	max 6Nm / 54Lb-in	Rec. tightening torque / *Anzugsdrehmoment*
							Electrical characteristics / *Elekt. Eigenschaften*
24A	32A	41A	57A	76A	101A	150A	Rated current / *Bemessungsstrom*
450V	450V	450V	450V	450V	750V	1000V	Rated voltage / *Bemessungsspannung*
2,5 kVrms/60s	2,5 kVrms/60s	2,5 kVrms/60s	2,5 kVrms/60s	2,5 kVrms/60s	3 kVrms/60s	3,5 kVrms/60s	Test voltage / *Prüfspannung*
							General characteristics / *Allgem. Eigenschaften*
Ø5,2mm	Ø8,2mm | Ø7,2mm	Ø8,2mm | Ø7,2mm	Ø8,2mm | Ø7,2mm	Ø10mm | Ø3,3mm	Ø12mm | Ø4,3mm	Ø15mm | Ø4,2mm	ø Wall drilling / *ø Gehäusebohrung*:
CMR75x	CMR10x - DZP7	CMR10x - DZP7	CMR10x - DZP7	DZP9	DZP10	CP-MPT50	Accessories / *Zubehör*:

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