



Sauro[®]
ELECTRONIC CONNECTORS
by the law

MPP

Terminal Blocks

MPP

Caratteristiche funzionali



Classe dimensionale:

alta



Colore standard:

verde



Altezza:

39 mm (1.535 in)



Massima sezione del filo omologata:

rigido: 35 mm² (IEC EN); 1 AWG (UL)

flessibile: 25 mm² (IEC EN); 1 AWG (UL)

Apertura del morsetto:

8.7 x 8.2 mm (3.43 x 3.23 in)



Versioni:

affiancabile

modulare

flange di montaggio

Poli su corpo monolitico:

da 2 a 9



Passi:

metrico 15 mm

(.591 in)

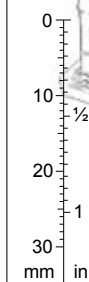


Saldabile a temperature fino a

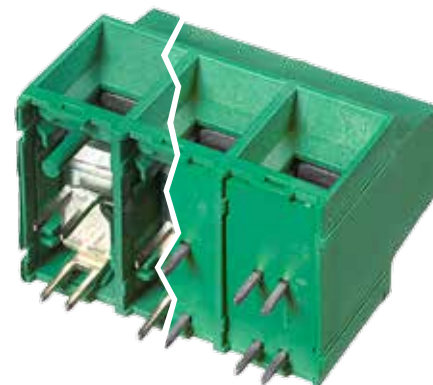
270°C / 518°F



RoHS
2011/65/EU



new



new

S 270°C

passo 15 mm
da 2 a 18 poli
affiancabile, dritta

S 270°C

passo 15 mm
da 2 a 18 poli
affiancabile, dritta con basetta opzionale

Breve descrizione

La morsettiera Serie **MPP** è caratterizzata da una **generosa capacità di connessione**, permettendo il cablaggio di fili fino a **35 mm² (1 AWG)** e di conseguenza una portata di corrente che raggiunge i **135A certificati**.

E' disponibile con passo metrico da 15 mm (.591 in), in corpi monolitici da 2 a 12 vie, nelle versioni affiancabili, modulari o con flange di fissaggio alla PCB, con inserimento del filo parallelo alla PCB e **piolini polarizzatori** per la prevenzione da assemblaggi manuali errati.

E' possibile affiancare o comporre sul circuito stampato le morsettiere base monolitiche per ottenere qualsiasi numero di vie senza perdita del passo; sfruttando questa peculiarità è possibile gestire uno stoccaggio minimo di morsettiere base.

Le confezioni Kit permettono una semplificazione della gestione del

prodotto, del magazzino e dell'assemblaggio, in quanto con un solo codice si ricevono più versioni, si riducono in modo significativo i part-number e si riducono i rischi d'errore.

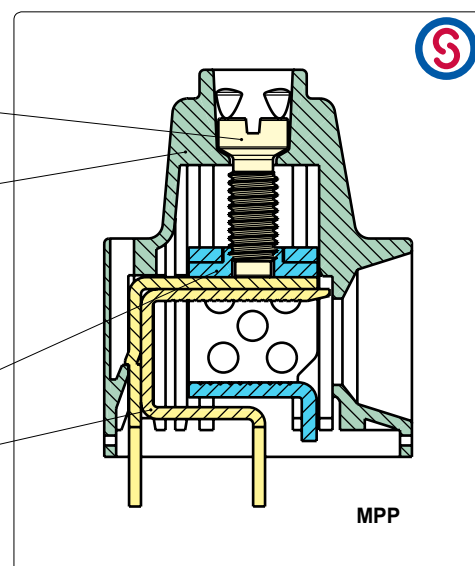
MPP con piolini di polarizzazione

La morsettiera MPP dritta è disponibile anche con piolini di ancoraggio e di polarizzazione verso la scheda, integrati nel corpo plastico.

Questa soluzione consente di scaricare la coppia di serraggio a scheda e di prevenire assemblaggi non corretti della morsettiera, superando così le prescrizioni più restrittive richieste dalle normative internazionali (VDE).

Caratteristiche dei componenti

- ☐ M5 vite in acciaio nichelata.
- ☐ Corpo in poliammide
Colore standard: VERDE.
Classe di autoestinguenza V0 secondo UL 94.
Resistente ai solventi clorurati,
senza fosforo, diossine o
alogeni dannosi per la salute.
- ☐ Morsetto in acciaio nichelato
- ☐ Pin in lega di rame stagnato,
facilmente saldabile, senza piombo.



Caratteristiche meccaniche

Coppia di torsione raccomandata/massima	2.1/2.5 Nm (18.59/22.13 lbf·in)
Spessore scheda:	max. 2.4 mm (.094 in)
Diametro del foro su scheda:	min. 1.6 mm (.063 in)
Lunghezza di spellatura	18 mm (.71 in)
Intervallo di temperature di utilizzo	-40 °C ÷ +110 °C (-40 °F ÷ +230 °F)
Categoria climatica	40/110/21 secondo EN 60068-1

Caratteristiche elettriche*

Sezione del filo rigido	1 AWG (UL)* 0.5 ÷ 35 mm ² (IEC EN)*
Sezione del filo flessibile	1 AWG (UL)* 0.5 ÷ 25 mm ² (IEC EN)*
Tensione per passi 15 mm (.591 in)	1000 V (IEC EN)*
Corrente	135 A (UL)*
Resistenza di contatto	<15 mΩ
Resistenza di isolamento	>10 ⁹ Ω (500V DC)

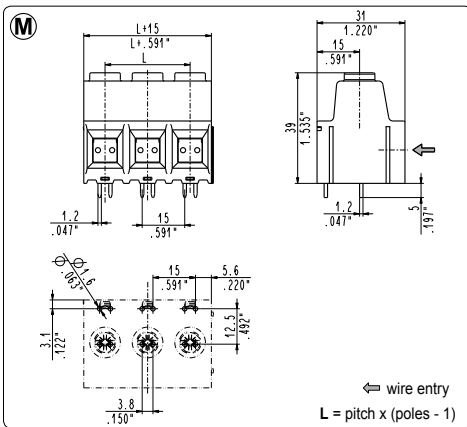
*Per ogni caratteristica, i dati riportati si riferiscono ai massimi valori fra quelli certificati ().
I valori di tensione V, corrente I e coppia di serraggio sono legati alle norme applicabili al prodotto ed al tipo di utilizzo.

Omologazioni

	IEC: EN 60998	1000 V - T 110 - 125 A - 35 mm ² rigido (115 A - 25 mm ² flessibile) per passo 15 mm
	UL: file E167473	600 V - 135 A factory wiring (130 A field wiring) - 1 AWG - 2.5 Nm per passo 15 mm I valori di utilizzo per l'apparecchiatura finale devono essere conformi alle norme UL ad essa applicabili.
	VDE: in attesa	1000 V - 125 A - T 110 - 35 mm ² per passo 15 mm
	IMQ: in attesa	750 V - T 110 - 125 A - 35 mm ² rigido (115 A - 25 mm ² flessibile) per passo 15 mm

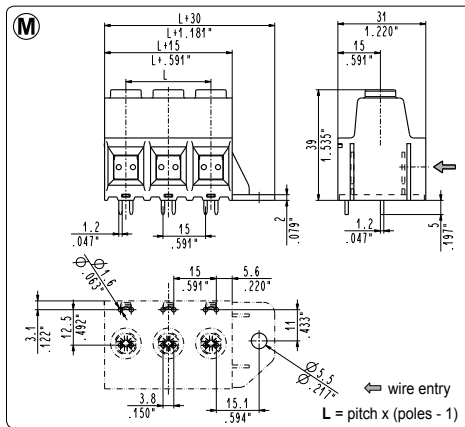
Vedere inoltre "Certifications", pag. 8

sauro.net



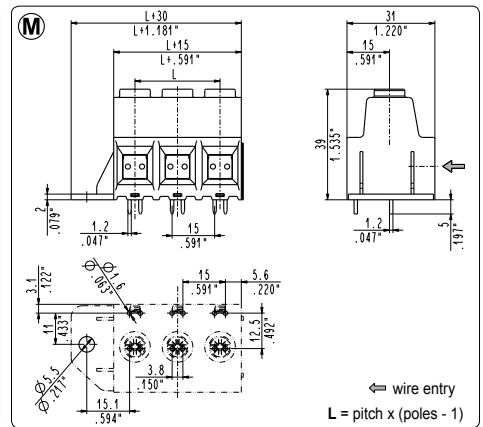
MPP_D0Q straight, modular

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*
02	MPP02D0Q	50	2,20	250	11,00
03	MPP03D0Q	40	2,64	180	11,88
04	MPP04D0Q	30	2,64	125	11,00
05	MPP05D0Q	25	2,75	100	11,00
06	MPP06D0Q	20	2,64	75	9,90
07	MPP07D0Q	15	2,31	75	11,55
08	MPP08D0Q	15	2,64	50	8,80
09	MPP09D0Q	10	1,98	50	9,90
10	MPP10D0Q	10	2,20	50	11,00
11	MPP11D0Q	10	2,42	50	12,10
12	MPP12D0Q	10	2,64	40	10,56



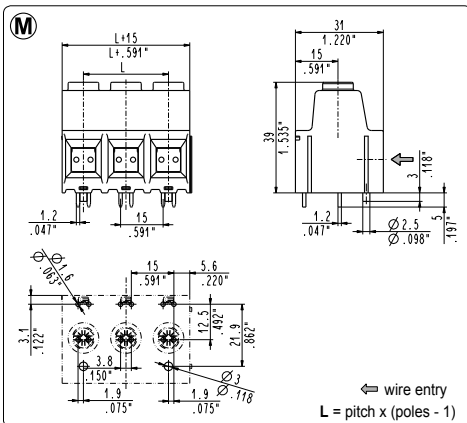
MPP_D0Q-00D straight, modular, mounting flanges

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*
01	MPP01D0Q-00D	50	1,10	500	11,00
02	MPP02D0Q-00D	40	1,76	250	11,00
03	MPP03D0Q-00D	30	1,98	175	11,55
04	MPP04D0Q-00D	25	2,20	125	11,00
05	MPP05D0Q-00D	20	2,20	100	11,00
06	MPP06D0Q-00D	15	1,98	75	9,90
07	MPP07D0Q-00D	15	2,31	75	11,55
08	MPP08D0Q-00D	10	1,76	50	8,80
09	MPP09D0Q-00D	10	1,98	50	9,90
10	MPP10D0Q-00D	10	2,20	50	11,00
11	MPP11D0Q-00D	10	2,42	40	9,68
12	MPP12D0Q-00D	10	2,64	40	10,56



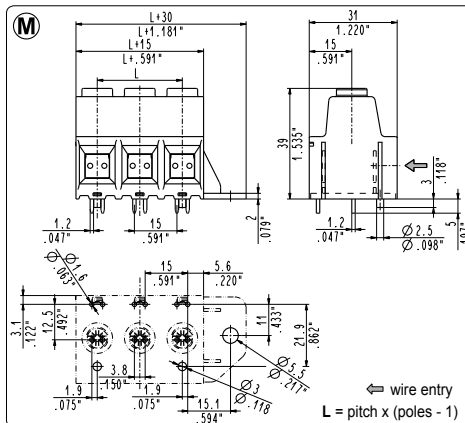
MPP_D0Q-00S straight, modular, mounting flanges

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*
01	MPP01D0Q-00S	50	1,10	500	11,00
02	MPP02D0Q-00S	40	1,76	250	11,00
03	MPP03D0Q-00S	30	1,98	175	11,55
04	MPP04D0Q-00S	25	2,20	125	11,00
05	MPP05D0Q-00S	20	2,20	100	11,00
06	MPP06D0Q-00S	15	1,98	75	9,90
07	MPP07D0Q-00S	15	2,31	75	11,55
08	MPP08D0Q-00S	10	1,76	50	8,80
09	MPP09D0Q-00S	10	1,98	50	9,90
10	MPP10D0Q-00S	10	2,20	50	11,00
11	MPP11D0Q-00S	10	2,42	40	9,68
12	MPP12D0Q-00S	10	2,64	40	10,56



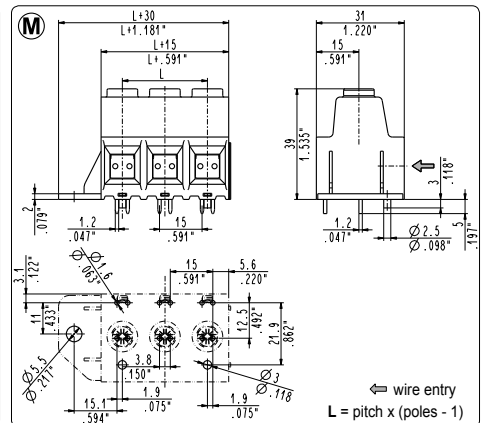
MPP_D0Q-0000P straight, modular, pgs

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*
02	MPP02D0Q-0000P	50	2,20	250	11,00
03	MPP03D0Q-0000P	40	2,64	180	11,88
04	MPP04D0Q-0000P	30	2,64	125	11,00
05	MPP05D0Q-0000P	25	2,75	100	11,00
06	MPP06D0Q-0000P	20	2,64	75	9,90
07	MPP07D0Q-0000P	15	2,31	75	11,55
08	MPP08D0Q-0000P	15	2,64	50	8,80
09	MPP09D0Q-0000P	10	1,98	50	9,90
10	MPP10D0Q-0000P	10	2,20	50	11,00
11	MPP11D0Q-0000P	10	2,42	50	12,10
12	MPP12D0Q-0000P	10	2,64	40	10,56



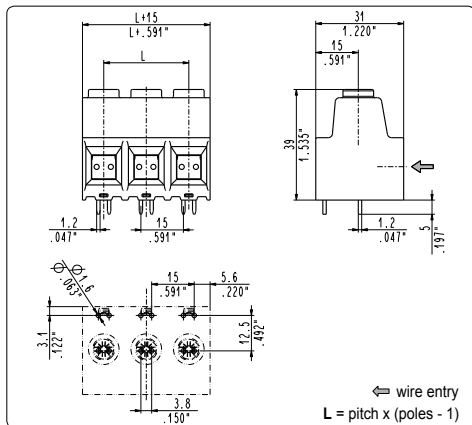
MPP_D0Q-00D0P straight, right mounting flanges, pgs

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*
01	MPP01D0Q-00D0P	50	1,10	500	11,00
02	MPP02D0Q-00D0P	40	1,76	250	11,00
03	MPP03D0Q-00D0P	30	1,98	175	11,55
04	MPP04D0Q-00D0P	25	2,20	125	11,00
05	MPP05D0Q-00D0P	20	2,20	100	11,00
06	MPP06D0Q-00D0P	15	1,98	75	9,90
07	MPP07D0Q-00D0P	15	2,31	75	11,55
08	MPP08D0Q-00D0P	10	1,76	50	8,80
09	MPP09D0Q-00D0P	10	1,98	50	9,90
10	MPP10D0Q-00D0P	10	2,20	50	11,00
11	MPP11D0Q-00D0P	10	2,42	40	9,68
12	MPP12D0Q-00D0P	10	2,64	40	10,56



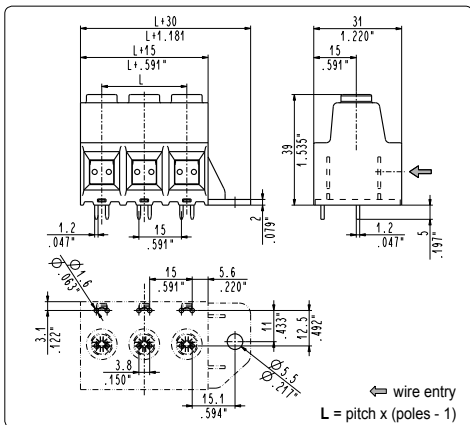
MPP_D0Q-00S0P straight, left mounting flanges, pgs

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*
01	MPP01D0Q-00S0P	50	1,10	500	11,00
02	MPP02D0Q-00S0P	40	1,76	250	11,00
03	MPP03D0Q-00S0P	30	1,98	175	11,55
04	MPP04D0Q-00S0P	25	2,20	125	11,00
05	MPP05D0Q-00S0P	20	2,20	100	11,00
06	MPP06D0Q-00S0P	15	1,98	75	9,90
07	MPP07D0Q-00S0P	15	2,31	75	11,55
08	MPP08D0Q-00S0P	10	1,76	50	8,80
09	MPP09D0Q-00S0P	10	1,98	50	9,90
10	MPP10D0Q-00S0P	10	2,20	50	11,00
11	MPP11D0Q-00S0P	10	2,42	40	9,68
12	MPP12D0Q-00S0P	10	2,64	40	10,56



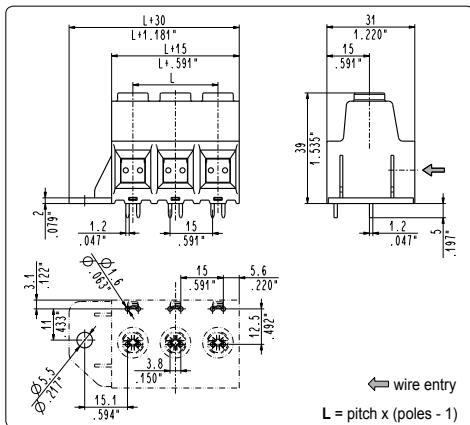
MPP_DAQ straight, side stackable

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]	Pcs/Ind.**	W [kg]*
02	MPP02DAQ	50	2,20	250	11,00
03	MPP03DAQ	40	2,64	180	11,88
04	MPP04DAQ	30	2,64	125	11,00
05	MPP05DAQ	25	2,75	100	11,00
06	MPP06DAQ	20	2,64	75	9,90
07	MPP07DAQ	15	2,31	75	11,55
08	MPP08DAQ	15	2,64	50	8,80
09	MPP09DAQ	10	1,98	50	9,90
10	MPP10DAQ	10	2,20	50	11,00
11	MPP11DAQ	10	2,42	50	12,10
12	MPP12DAQ	10	2,64	40	10,56



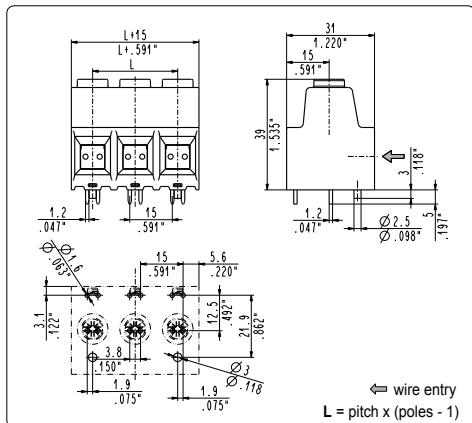
MPP_DAQ-00D straight, side stackable, mounting flanges

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]	Pcs/Ind.**	W [kg]*
01	MPP01DAQ-00D	50	1,10	500	11,00
02	MPP02DAQ-00D	40	1,76	250	11,00
03	MPP03DAQ-00D	30	1,98	175	11,55
04	MPP04DAQ-00D	25	2,20	125	11,00
05	MPP05DAQ-00D	20	2,20	100	11,00
06	MPP06DAQ-00D	15	1,98	75	9,90
07	MPP07DAQ-00D	15	2,31	75	11,55
08	MPP08DAQ-00D	10	1,76	50	8,80
09	MPP09DAQ-00D	10	1,98	50	9,90
10	MPP10DAQ-00D	10	2,20	50	11,00
11	MPP11DAQ-00D	10	2,42	40	9,68
12	MPP12DAQ-00D	10	2,64	40	10,55



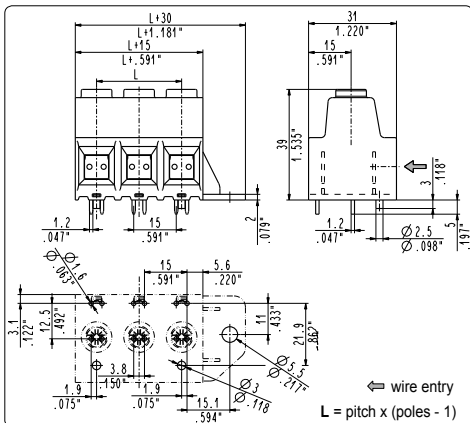
MPP_DAQ-00S straight, side stackable, mounting flanges

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]	Pcs/Ind.**	W [kg]*
01	MPP01DAQ-00S	50	1,10	500	11,00
02	MPP02DAQ-00S	40	1,76	250	11,00
03	MPP03DAQ-00S	30	1,98	175	11,55
04	MPP04DAQ-00S	25	2,20	125	11,00
05	MPP05DAQ-00S	20	2,20	100	11,00
06	MPP06DAQ-00S	15	1,98	75	9,90
07	MPP07DAQ-00S	15	2,31	75	11,55
08	MPP08DAQ-00S	10	1,76	50	8,80
09	MPP09DAQ-00S	10	1,98	50	9,90
10	MPP10DAQ-00S	10	2,20	50	11,00
11	MPP11DAQ-00S	10	2,42	40	9,68
12	MPP12DAQ-00S	10	2,64	40	10,55



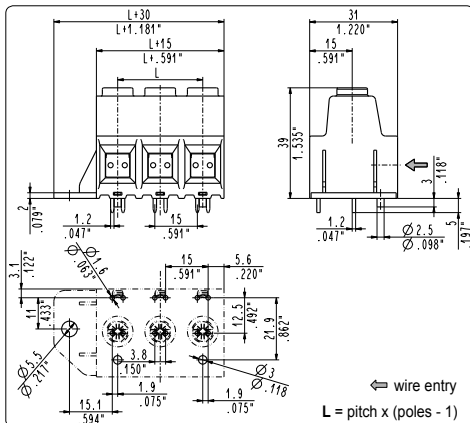
MPP_DAQ-0000P straight, side stackable, pgs

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]	Pcs/Ind.**	W [kg]*
02	MPP02DAQ-0000P	50	2,20	250	11,00
03	MPP03DAQ-0000P	40	2,64	180	11,88
04	MPP04DAQ-0000P	30	2,64	125	11,00
05	MPP05DAQ-0000P	25	2,75	100	11,00
06	MPP06DAQ-0000P	20	2,64	75	9,90
07	MPP07DAQ-0000P	15	2,31	75	11,55
08	MPP08DAQ-0000P	15	2,64	50	8,80
09	MPP09DAQ-0000P	10	1,98	50	9,90
10	MPP10DAQ-0000P	10	2,20	50	11,00
11	MPP11DAQ-0000P	10	2,42	50	12,10
12	MPP12DAQ-0000P	10	2,64	40	10,56



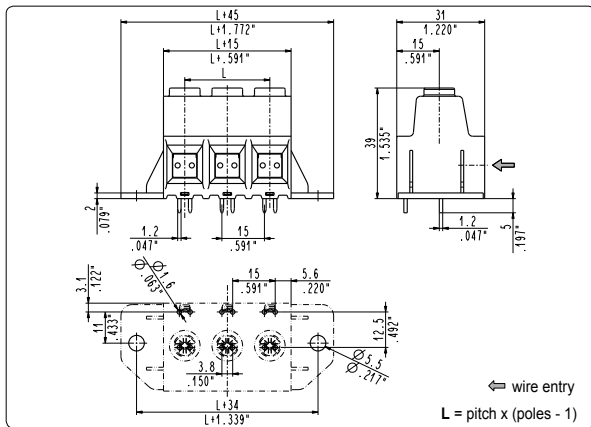
MPP_DAQ-00D0P straight, side stackable, flanges, pgs

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]	Pcs/Ind.**	W [kg]*
01	MPP01DAQ-00D0P	50	1,10	500	11,00
02	MPP02DAQ-00D0P	40	1,76	250	11,00
03	MPP03DAQ-00D0P	30	1,98	175	11,55
04	MPP04DAQ-00D0P	25	2,20	125	11,00
05	MPP05DAQ-00D0P	20	2,20	100	11,00
06	MPP06DAQ-00D0P	15	1,98	75	9,90
07	MPP07DAQ-00D0P	15	2,31	75	11,55
08	MPP08DAQ-00D0P	10	1,76	50	8,80
09	MPP09DAQ-00D0P	10	1,98	50	9,90
10	MPP10DAQ-00D0P	10	2,20	50	11,00
11	MPP11DAQ-00D0P	10	2,42	40	9,68
12	MPP12DAQ-00D0P	10	2,64	40	10,55



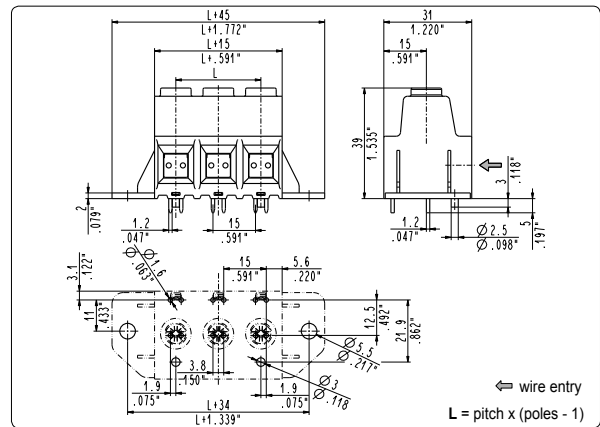
MPP_DAQ-00S0P straight, side stackable, flanges, pgs

15 mm / .591" pitch					
Poles	STD Code	Pcs/pack.	W [kg]	Pcs/Ind.**	W [kg]*
01	MPP01DAQ-00S0P	50	1,10	500	11,00
02	MPP02DAQ-00S0P	40	1,76	250	11,00
03	MPP03DAQ-00S0P	30	1,98	175	11,55
04	MPP04DAQ-00S0P	25	2,20	125	11,00
05	MPP05DAQ-00S0P	20	2,20	100	11,00
06	MPP06DAQ-00S0P	15	1,98	75	9,90
07	MPP07DAQ-00S0P	15	2,31	75	11,55
08	MPP08DAQ-00S0P	10	1,76	50	8,80
09	MPP09DAQ-00S0P	10	1,98	50	9,90
10	MPP10DAQ-00S0P	10	2,20	50	11,00
11	MPP11DAQ-00S0P	10	2,42	40	9,68
12	MPP12DAQ-00S0P	10	2,64	40	10,55



MPP_DVQ straight, mounting flanges

15 mm / .591" pitch						
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*	
01	MPP01DVQ	50	1,10	500	11,07	
02	MPP02DVQ	40	1,76	250	11,03	
03	MPP03DVQ	30	1,98	175	11,52	
04	MPP04DVQ	25	2,20	125	11,02	
05	MPP05DVQ	20	2,20	100	11,01	
06	MPP06DVQ	15	1,98	75	9,91	
07	MPP07DVQ	15	2,31	75	11,56	
08	MPP08DVQ	10	1,76	50	8,81	
09	MPP09DVQ	10	1,98	50	9,91	
10	MPP10DVQ	10	2,20	50	11,00	
11	MPP11DVQ	10	2,42	40	9,68	
12	MPP12DVQ	10	2,64	40	10,55	



MPP_DVQ-0000P straight, mounting flanges, pegs

15 mm / .591" pitch						
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*	
01	MPP01DVQ-0000P	50	1,10	500	11,07	
02	MPP02DVQ-0000P	40	1,76	250	11,03	
03	MPP03DVQ-0000P	30	1,98	175	11,52	
04	MPP04DVQ-0000P	25	2,20	125	11,02	
05	MPP05DVQ-0000P	20	2,20	100	11,01	
06	MPP06DVQ-0000P	15	1,98	75	9,91	
07	MPP07DVQ-0000P	15	2,31	75	11,56	
08	MPP08DVQ-0000P	10	1,76	50	8,81	
09	MPP09DVQ-0000P	10	1,98	50	9,91	
10	MPP10DVQ-0000P	10	2,20	50	11,00	
11	MPP11DVQ-0000P	10	2,42	40	9,68	
12	MPP12DVQ-0000P	10	2,64	40	10,55	

Example of Application

