

# **Kits, Receptacles and Cable Glands**

Designed to reduce labor time & costs associated with the installation



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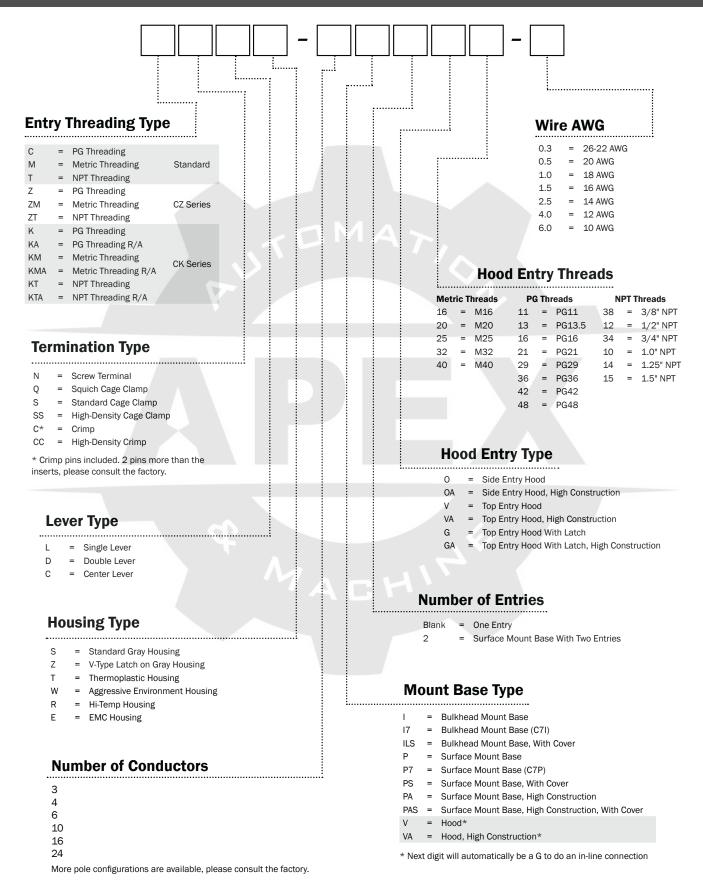




Rectangular Connector Kits Part Number Matrix



Not all options available with all components - Please consult factory





3 & 4 Pole Kits, Metal Housing

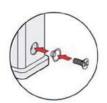


Size 21.21 | 3 & 4 Pole | 600V, 10A | Metal Housing | Single Lever | IP66/67 Rating

# c**FU**®us ∈€

		5	Screw Terminal	Inserts, Single	Lever		
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base
3	KMNLS-03IV20	Top Entry	M20	MKA-V20	CKM-03	CKF-03	CKAX-03I
+ 🗐	KMNLS-03IO20	Side Entry	M20	MKA-VA20	CKM-03	CKF-03	CKAX-03I
4	KMNLS-04IV20	Top Entry	M20	MKA-V20	CKM-04	CKF-04	CKAX-03I
+ 🖶	KMNLS-04IO20	Side Entry	M20	MKA-VA20	CKM-04	CKF-04	CKAX-03I
		Squic	ch (Tool-less Sp	ring) Inserts, S	ingle Lever		
3	KMQLS-03IV20	Top Entry	M20	MKA-V20	CKSHM-03	CKSHF-03	CKAX-03I
+ 🗐	KMQLS-03IO20	Side Entry	M20	MKA-VA20	CKSHM-03	CKSHF-03	CKAX-03I
4	KMQLS-04IV20	Top Entry	M20	MKA-V20	CKSHM-04	CKSHF-04	CKAX-03I
+ 🗐	KMQLS-04IO20	Side Entry	M20	MKA-VA20	CKSHM-04	CKSHF-04	CKAX-03I

Each kit includes the base housing, male insert, female insert and hood. Hoods shown have M20 metric entry. PG & NPT threads also available. Cable gland sold separately. The 3 and 4 pole kits also include an optional washer kit as described below.

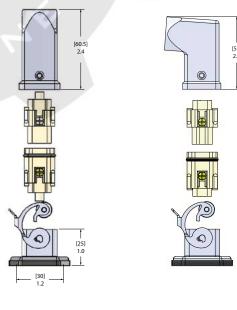


To obtain the protection rating IP66/IP67 a kit is provided that includes a screw and washer. The fixing screws supplied with the inserts must be removed and discarded and the new screw and washer must be installed (see illustration).

#### **Specifications:**

AWG: 26 - 14 AWG
Lever Material: Stainless Steel
Other Approvals: NEMA 4/4X/12

IP rating: IP 66/67 (IP 44 without optional washer)



Top Entry

Side Entry

2

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6 Pole Kits, Metal Housing



Size 44.27 | 6 Pole | 600V, 16A | Metal Housing | Single Lever | IP66 Rating



			Screw Term	inal Inserts, Si	ngle Lever		
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base
	MNLS-06IV20		M20	MHV-06L20			
	MNLS-06IV25	Top Entry	M25	MHV-06L25			
6	MNLS-06IVA32		M32	MAV-06L32	CNEM-06T	ONEE OCT	0111 001
O	MNLS-06IO20	Side Entry	M20	MHO-06L20		CNEF-06T	CHI-06L
	MNLS-06IO25		M25	MHO-06L25			
	MNLS-06IOA32		M32	MAO-06L32			
		Sq	uich (Tool-less	Spring) Insert	ts, Single Lever		
	MQLS-06IV20		M20	MHV-06L20			
	MQLS-06IV25	Top Entry	M25	MHV-06L25			
6	MQLS-06IVA32		M32	MAV-06L32	CSHM-06	CSHF-06	CHI-06L
O	MQLS-06IO20		M20	MHO-06L20	CSHIVI-U0	CSHF-00	CHI-UOL
	MQLS-06IO25	Side Entry	M25	MHO-06L25	6.		
	MQLS-06IOA32	(f)	M32	MAO-06L32			

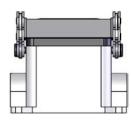
Each kit includes the base housing, male insert, female insert and hood. Hoods shown have metric entry (M20, M25, M32). PG & NPT threads also available. Cable gland sold separately.

### **Specifications:**

Connections: Screw Terminal AWG: 20 - 12 AWG

Connections: Screw Terminal AWG: 26 - 14 AWG

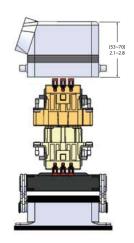
Other Approvals: NEMA 4/4X/12



#### **Surface Mount Base**

For surface mount base replace 'I' with 'P'. (e.g. MNLS-06IV20 becomes MNLS-06PV20)





Side Entry Squich Inserts

3



10 Pole Kits, Metal Housing



Size 57.27 | 10 Pole | 600V, 16A | Metal Housing | Single Lever | IP66 Rating

# 

			Screw Term	inal Inserts, Si	ngle Lever		
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base
	MNLS-10IV20		M20	MHV-10L20			
10	MNLS-10IV25	Top Entry	M25	MHV-10L25	ONEM 40T		
	MNLS-10IVA32		M32	MAV-10L32		ONES 407	0111.401
10	MNLS-10IO20		M20	MHO-10L20	- CNEM-10T	CNEF-10T	CHI-10L
	MNLS-10IO25	Side Entry	M25	MHO-10L25	1		
	MNLS-10IOA32		M32	MAO-10L32			
		Sq	uich (Tool-less	Spring) Insert	ts, Single Lever		
	MQLS-10IV20		M20	MHV-10L20			
	MQLS-10IV25	Top Entry	M25	MHV-10L25			
10	MQLS-10IVA32		M32	MAV-10L32	00/11/40	0011510	0.0.40
10	MQLS-10IO20		M20	MHO-10L20	CSHM-10	CSHF-10	CHI-10L
	MQLS-10IO25	Side Entry	M25	MHO-10L25			
	MQLS-10IOA32	(P	M32	MAO-10L32	lu.		

Each kit includes the base housing, male insert, female insert and hood. Hoods shown have metric entry (M20, M25, M32).

PG & NPT threads also available. Cable gland sold separately.

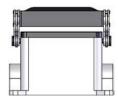
#### **Specifications:**

Connections: Screw Terminal AWG: 20 - 12 AWG

Connections: Squich (Tool-less Spring)

AWG: 26 - 14 AWG

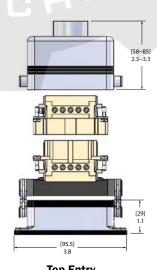
Other Approvals: NEMA 4/4X/12



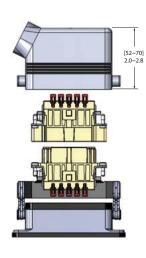
#### **Surface Mount Base**

For surface mount base replace 'I' with 'P'.

(e.g. MNLS-10IV20 becomes MNLS-10PV20)



Top Entry Screw Terminal Inserts



Side Entry Squich Inserts

4



10 Pole Kits, Metal Housing



Size 57.27 | 10 Pole | 600V, 16A | Metal Housing | Double Lever | IP66 Rating



			Screw Termi	nal Inserts, Do	uble Lever		
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base
	MNDS-10IV20		M20	MHV-10.20			
	MNDS-10IV25	Top Entry	M25	MHV-10.25			
10	MNDS-10IVA32		M32	MAV-10.32	ONEM 40T	ONEE 40T	CI II 40
10	MNDS-10IO20	Side Entry	M20	MHO-10.20	CNEM-10T	CNEF-10T	CHI-10
	MNDS-10IO25		M25	MHO-10.25			
	MNDS-10IOA32		M32	MAO-10.32			
		Sqı	iich (Tool-less	Spring) Insert	s, Double Lever		
	MQDS-10IO20		M20	MHV-10.20			
	MQDS-10IO25	Top Entry	M25	MHV-10.25			
10	MQDS-10IOA32		M32	MAV-10.32	CSHM-10	CSHF-10	CHI-10
10	MQDS-10IV20		M20	MHO-10.20	CSHIVI-10	CSHF-10	CHI-10
	MQDS-10IV25	Side Entry	M25	MHO-10.25	6.		
	MQDS-10IVA32	(P	M32	MAO-10.32			

Each kit includes the base housing, male insert, female insert and hood. Hoods shown have metric entry (M20, M25, M32). PG & NPT threads also available. Cable gland sold separately.

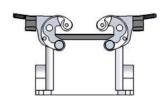
#### **Specifications:**

Connections: Screw Terminal AWG: 20 - 12 AWG

Connections: Squich (Tool-less Spring)

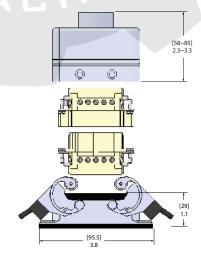
AWG: 26 - 14 AWG

Other Approvals: NEMA 4/4X/12

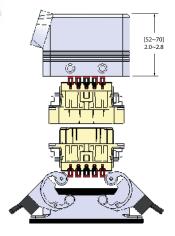


#### **Surface Mount Base**

For surface mount base replace 'I' with 'P'. (e.g. MNDS-10IV20 becomes MNDS-10PV20)







Side Entry Squich Inserts

5



16 Pole Kits, Metal Housing



Size 77.27 | 16 Pole | 600V, 16A | Metal Housing | Single Lever | IP66 Rating



			Screw Term	inal Inserts, Si	ngle Lever		
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base
	MNLS-16IV25		M25	MHV-16L25			
	MNLS-16IV32	Top Entry	M32	MHV-16L32			
16	MNLS-16IVA40		M40	MAV-16L40		ONEE 40T	0111.401
	MNLS-16IO25		M25	MHO-16L25	- CNEM-16T	CNEF-16T	CHI-16L
	MNLS-16IO32	Side Entry	M32	MHO-16L32	1		
	MNLS-16IOA40		M40	MAO-16L40			
		Sqı	uich (Tool-less	Spring) Insert	ts, Single Lever		
	MQLS-16IV25		M25	MHV-16L25			
	MQLS-16IV32	Top Entry	M32	MHV-16L32			
16	MQLS-16IVA40		M40	MAV-16L40	001114.40	00115.40	0111.401
16	MQLS-16IO25		M25	MHO-16L25	- CSHM-16	CSHF-16	CHI-16L
	MQLS-16IO32	Side Entry	M32	MHO-16L32			
	MQLS-16IOA40	GP.	M40	MAO-16L40	4.		

Each kit includes the base housing, male insert, female insert and hood. Hoods shown have metric entry (M25, M32, M40). PG & NPT threads also available. Cable gland sold separately.

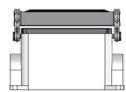
#### **Specifications:**

Connections: Screw Terminal AWG: 20 - 12 AWG

Connections: Squich (Tool-less Spring)

AWG: 26 - 14 AWG

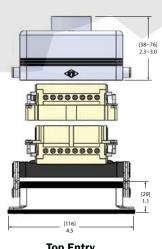
Other Approvals: NEMA 4/4X/12



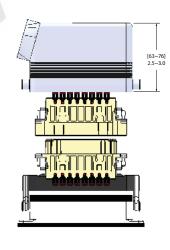
### **Surface Mount Base**

For surface mount base replace 'I' with 'P'.

(e.g. MNLS-16IV25 becomes MNLS-16PV25)



Top Entry Screw Terminal Inserts



Side Entry Squich Inserts

6



16 Pole Kits, Metal Housing



Size 77.27 | 16 Pole | 600V, 16A | Metal Housing | Double Lever | IP66 Rating



			Screw Termi	nal Inserts, Do	ouble Lever		
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base
	MNDS-16IV25		M25	MHV-16.25			
	MNDS-16IV32	Top Entry	M32	MHV-16.32			
16	MNDS-16IVA40		M40	MAV-16.40	CNEM-16T	ONES 40T	0111.40
16	MNDS-16IO25	Side Entry	M25	MHO-16.25		CNEF-16T	CHI-16
	MNDS-16IO32		M32	MHO-16.32			
	MNDS-16IOA40		M40	MAO-16.40			
		Sqı	iich (Tool-less	Spring) Insert	s, Double Lever		
	MQDS-16IV25		M25	MHV-16.25			
	MQDS-16IV32	Top Entry	M32	MHV-16.32			
16	MQDS-16IVA40		M40	MAV-16.40	001114.40	00115 40	
16	MQDS-16IO25		M25	MHO-16.25	- CSHM-16	CSHF-16	CHI-16
	MQDS-16IO32	Side Entry	M32	MHO-16.32	1.		
	MQDS-16IOA40	GP.	M40	MAO-16.40			

Each kit includes the base housing, male insert, female insert and hood. Hoods shown have metric entry (M25, M32, M40). PG & NPT threads also available. Cable gland sold separately.

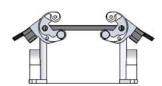
#### **Specifications:**

Connections: Screw Terminal AWG: 20 - 12 AWG

Connections: Squich (Tool-less Spring)

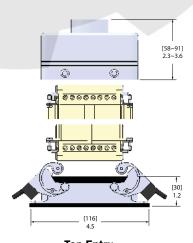
AWG: 26 - 14 AWG

Other Approvals: NEMA 4/4X/12

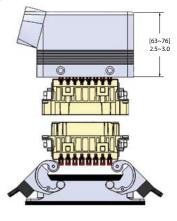


#### **Surface Mount Base**

For surface mount base replace 'I' with 'P'. (e.g. MNDS-16IV25 becomes MNDS-16PV25)



Top Entry Screw Terminal Inserts



Side Entry Squich Inserts



24 Pole Kits, Metal Housing



Size 104.27 | 24 Pole | 600V, 16A | Metal Housing | Single Lever | IP66 Rating

# 

			Screw Term	inal Inserts, Si	ngle Lever		
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base
	MNLS-24IV25		M25	MHV-24L25	CNEM-24T		
	MNLS-24IV32	Top Entry	M32	MHV-24L32			
24	MNLS-24IVA40		M40	MAV-24L40		CNEF-24T	0111.041
24	MNLS-24IO25	Side Entry	M25	MHO-24L25		CNEF-241	CHI-24L
	MNLS-24IO32		M32	MHO-24L32			
	MNLS-24IOA40		M40	MAO-24L40			
		Sq	uich (Tool-less	Spring) Insert	ts, Single Lever		
	MQLS-24IV25		M25	MHV-24L25			
	MQLS-24IV32	Top Entry	M32	MHV-24L32			
24	MQLS-24IVA40		M40	MAV-24L40	OCUM OA	00115.04	CHI-24L
24	MQLS-241O25		M25	MHO-24L25	CSHM-24	CSHF-24	CHI-24L
	MQLS-24IO32	Side Entry	M32	MHO-24L32			
	MQLS-24IOA40	(P	M40	MAO-24L40	4.		

 $Each\ kit\ includes\ the\ base\ housing,\ male\ insert,\ female\ insert\ and\ hood.\ Hoods\ shown\ have\ metric\ entry\ (M25,\ M32,\ M40).$ 

 ${\rm PG}$  &  ${\rm NPT}$  threads also available. Cable gland sold separately.

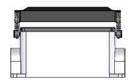
#### **Specifications:**

Connections: Screw Terminal AWG: 20 - 12 AWG

Connections: Squich (Tool-less Spring)

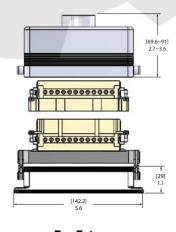
AWG: 26 - 14 AWG

Other Approvals: NEMA 4/4X/12

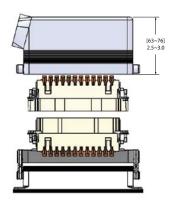


#### **Surface Mount Base**

For surface mount base replace 'I' with 'P'. (e.g. MNLS-24IV25 becomes MNLS-24PV25)



Top Entry Screw Terminal Inserts



Side Entry Squich Inserts

8



24 Pole Kits, Metal Housing



Size 104.27 | 24 Pole | 600V, 16A | Metal Housing | Double Lever | IP66 Rating



			Screw Termi	nal Inserts, Do	ouble Lever		
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base
	MNDS-24IV25		M25	MHV-24.25			
	MNDS-24IV32	Top Entry	M32	MHV-24.32			
24	MNDS-24IVA40		M40	MAV-24.40	ONEM DAT	ONEE 24T	0111.04
24	MNDS-24IO25	Side Entry	M25	MHO-24.25	CNEM-24T	CNEF-24T	CHI-24
	MNDS-24IO32		M32	MHO-24.32			
	MNDS-24IOA40		M40	MAO-24.40			
		Sqı	uich (Tool-less	Spring) Insert	s, Double Lever		
	MQDS-24IV25		M25	MHV-24.25			
	MQDS-24IV32	Top Entry	M32	MHV-24.32			
24	MQDS-24IVA40		M40	MAV-24.40	CSHM-24	CSHF-24	
<b>2</b> 4	MQDS-24IO25		M25	MHO-24.25	Conivi-24	CONF-24	CHI-24
	MQDS-24IO32	Side Entry	M32	MHO-24.32	- 6.		
	MQDS-24IOA40	(P	M40	MAO-24.40			

 $Each\ kit\ includes\ the\ base\ housing,\ male\ insert,\ female\ insert\ and\ hood.\ Hoods\ shown\ have\ metric\ entry\ (M25,\ M32,\ M40).$ 

PG & NPT threads also available. Cable gland sold separately.

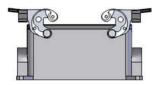
**Specifications:** 

Connections: Screw Terminal AWG: 20 - 12 AWG

Connections: Squich (Tool-less Spring)

AWG: 26 - 14 AWG

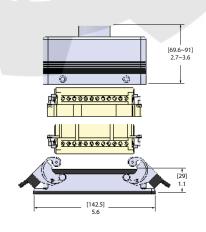
Other Approvals: NEMA 4/4X/12



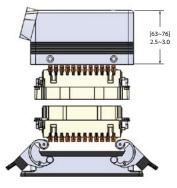
#### **Surface Mount Base**

For surface mount base replace 'l' with 'P'.

(e.g. MNDS-24IV25 becomes MNDS-24PV25)



Top Entry Screw Terminal Inserts



Side Entry Squich Inserts



3 & 4 Pole Kits, Thermoplastic Housing

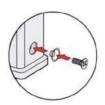


Size 21.21 | 3 & 4 Pole | 600V, 10A | Thermoplastic Housing | Single Lever | IP66/67 Rating

# **c91**<sup>®</sup>us (€

			Screw Terminal	Inserts, Single	Lever		
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base
3	KMNLT-03IV20	Top Entry	M20	MK-V20	CKM-03	CKF-03	CK-03I
+ 🖶	KMNLT-03IO20	Side Entry	M20	MK-VA20	CKM-03	CKF-03	CK-03I
4	KMNLT-04IV20	Top Entry	M20	MK-V20	CKM-04	CKF-04	CK-03I
+ 🖶	KMNLT-04IO20	Side Entry	M20	MK-VA20	CKM-04	CKF-04	CK-03I
		Squic	ch (Tool-less Sp	ring) Inserts, S	ingle Lever		
3	KMQLT-03IV20	Top Entry	M20	MK-V20	CKSHM-03	CKSHF-03	CK-03I
+ 🗐	KMQLT-03IO20	Side Entry	M20	MK-VA20	CKSHM-03	CKSHF-03	CK-03I
4	KMQLT-04IV20	Top Entry	M20	MK-V20	CKSHM-04	CKSHF-04	CK-03I
+ 🗐	KMQLT-04IO20	Side Entry	M20	MK-VA20	CKSHM-04	CKSHF-04	CK-03I

Each kit includes the base housing, male insert, female insert and hood. Hoods shown have M20 metric entry. PG & NPT threads also available. Cable gland sold separately. The 3 and 4 pole kits also include an optional washer kit as described below.

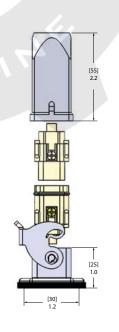


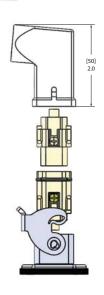
To obtain the protection rating IP66/IP67 a kit is provided that includes a screw and washer. The fixing screws supplied with the inserts must be removed and discarded and the new screw and washer must be installed (see illustration).

#### **Specifications:**

AWG: 26 - 14 AWG Other Approvals: NEMA 4/4X/12

IP rating: IP 66/67 (IP 44 without optional washer)





Top Entry

Side Entry

10

Mencom Corporation

1-770-534-4585

www.mencom.com



6 Pole Kits, Thermoplastic Housing



IP65 Rating

Size 44.27 6 Pole | 600V, 16A | Thermoplastic Housing Single Lever |



	Screw Terminal Inserts, Single Lever											
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base					
	MNLT-06IVA25	Top Entry	M25	TMAV-06L25	- CNEM-06T							
6	MNLT-06IVA32		M32	TMAV-06L32		CNEF-06T	TCHI-06L					
O	MNLT-06IOA25		M25	TMAO-06L25		CNEF-U61						
	MNLT-06IOA32	Side Entry	M32	TMAO-06L32								
		Sqı	uich (Tool-less	Spring) Insert	s, Single Lever							
	MQLT-06IVA25	Top Entry	M25	TMAV-06L25		CSHF-06						
6	MQLT-06IVA32	Top Entry	M32	TMAV-06L32	CSHM-06		TCHI-06L					
O	MQLT-06IOA25		M25	TMAO-06L25								
	MQLT-06IOA32	Side Entry	M32	TMAO-06L32								

Each kit includes the base housing, male insert, female insert and hood. Hoods shown have metric entry (M25, M32).

### **Specifications:**

Connections: **Screw Terminal** AWG: 20 - 12 AWG

Connections: Squich (Tool-less Spring)

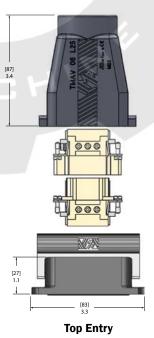
AWG: 26 - 14 AWG

Other Approvals: NEMA 4/4X/12

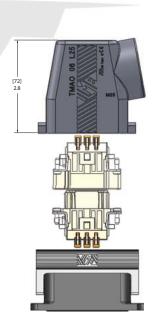


#### **Surface Mount Base**

For surface mount base replace 'I' with 'P'. (e.g. MNLT-06IVA25 becomes MNLT-06PVA25)







**Side Entry Squich Inserts** 

11



10 Pole Kits, Thermoplastic Housing



Size 57.27 | 10 Pole | 600V, 16A | Thermoplastic Housing | Double Lever | IP65 Rating

# 

	Screw Terminal Inserts, Double Lever										
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base				
	MNDT-10IVA25	To a Footable	M25	TMAV-10.25	- CNEM-10T						
10	MNDT-10IVA32	MNDT-10IOA25 Side Entry	M32	TMAV-10.32		CNEF-10T	TCHI-10				
10	MNDT-10IOA25		M25	TMAO-10.25		CNEF-101	TCHI-10				
	MNDT-10IOA32		M32	TMAO-10.32							
		Sqı	iich (Tool-less	Spring) Insert	s, Double Lever						
	MQDT-10IVA25	Top Entry	M25	TMAV-10.25							
10	MQDT-10IVA32	TOP ETILLY	M32	TMAV-10.32	CSHM-10	CSHF-10	TCHI-10				
10	MQDT-10IOA25	Side Fatar	M25	TMAO-10.25	C5HM-10						
	MQDT-10IOA32	Side Entry	M32	TMAO-10.32							

Each kit includes the base housing, male insert, female insert and hood. Hoods shown have metric entry (M25, M32).

**Specifications:** 

Connections: Screw Terminal AWG: 20 - 12 AWG

Connections: Squich (Tool-less Spring)

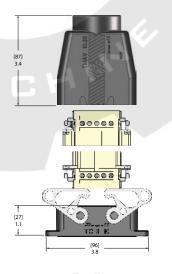
AWG: 26 - 14 AWG

Other Approvals: NEMA 4/4X/12

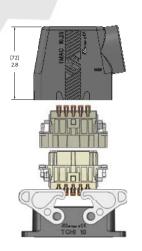


#### **Surface Mount Base**

For surface mount base replace 'I' with 'P'. (e.g. MNDT-10IVA25 becomes MNDT-10PVA25)



Top Entry Screw Terminal Inserts



Side Entry Squich Inserts



16 Pole Kits, Thermoplastic Housing



Size 77.27 | 16 Pole | 600V, 16A | Thermoplastic Housing | Double Lever | IP65 Rating



	Screw Terminal Inserts, Double Lever									
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base			
	MNDT-16IVA32	Ton Futur	M32	TMAV-16.32						
16	MNDT-16IVA40	Top Entry	M40	TMAV-16.40		CNEF-16T				
10	MNDT-16IOA32	Cida Fatan	M32 TMAO-16.32	CINET-101	TCHI-16					
	MNDT-16IOA40	Side Entry	M40	TMAO-16.40	1/0					
		Squ	iich (Tool-less	Spring) Insert	s, Double Lever					
	MQDT-16IVA32	Top Entry	M32	TMAV-16.32			TCHI-16			
16	MQDT-16IVA40	TOP Entry	M40	TMAV-16.40	001114.40	CSHF-16				
10	MQDT-16IOA32	Side Entry -	M32	TMAO-16.32	CSHM-16					
	MQDT-16IOA40		M40	TMAO-16.40						

Each kit includes the base housing, male insert, female insert and hood. Hoods shown have metric entry (M25, M32, M40).

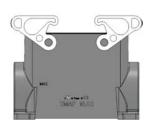
### **Specifications:**

Connections: Screw Terminal AWG: 20 - 12 AWG

Connections: Squich (Tool-less Spring)

AWG: 26 - 14 AWG

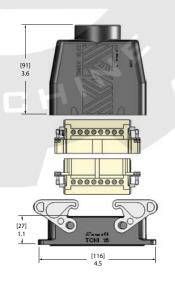
Other Approvals: NEMA 4/4X/12



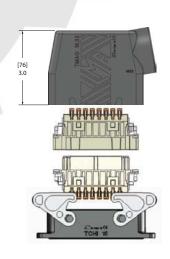
### **Surface Mount Base**

For surface mount base replace 'I' with 'P'.

(e.g. MNDT-16IVA32 becomes MNDT-16PVA32)



Top Entry Screw Terminal Inserts



Side Entry Squich Inserts

**13** 



24 Pole Kits, Thermoplastic Housing



Size 104.27 | 24 Pole | 600V, 16A | Thermoplastic Housing | Single Lever | IP65 Rating

# c**¶**us (€

	Screw Terminal Inserts, Double Lever									
# of Poles	Kit Part #	Entry Type	Entry Threads	Hood	Male Insert	Female Insert	Base			
	MNDT-24IVA32	To a Footable	M32	TMAV-24.32		CNEF-24T	TCHI-24			
24	MNDT-24IVA40	Top Entry	M40	TMAV-24.40	ONEM OUT					
24	MNDT-24IOA32	Cido Entre	M32	TMAO-24.32	CNEM-24T					
	MNDT-24IOA40	Side Entry	M40	TMAO-24.40	1/0					
		Sqı	uich (Tool-less	Spring) Insert	s, Double Lever					
	MQDT-24IVA32	Top Entry	M32	TMAV-24.32						
24	MQDT-24IVA40	TOP ETILLY	M40	TMAV-24.40	CSHM-24	CSHF-24	TCHI-24			
<b>  4</b>	MQDT-24IOA32	Sido Entre	M32	TMAO-24.32	CSHIVI-24					
	MQDT-24IOA40	Side Entry	M40	TMAO-24.40						

Each kit includes the base housing, male insert, female insert and hood. Hoods shown have metric entry (M32, M40).

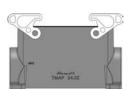
**Specifications:** 

Connections: Screw Terminal AWG: 20 - 12 AWG

Connections: Squich (Tool-less Spring)

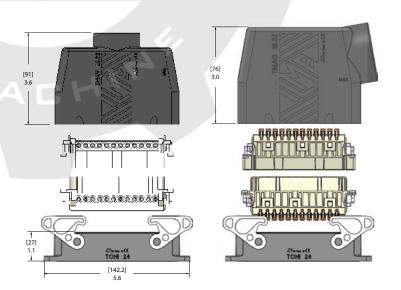
AWG: 26 - 14 AWG

Other Approvals: NEMA 4/4X/12



#### **Surface Mount Base**

For surface mount base replace 'I' with 'P'. (e.g. MNDT-25IVA32 becomes MNDT-25PVA32)



Top Entry Screw Terminal Inserts Side Entry Squich Inserts

14



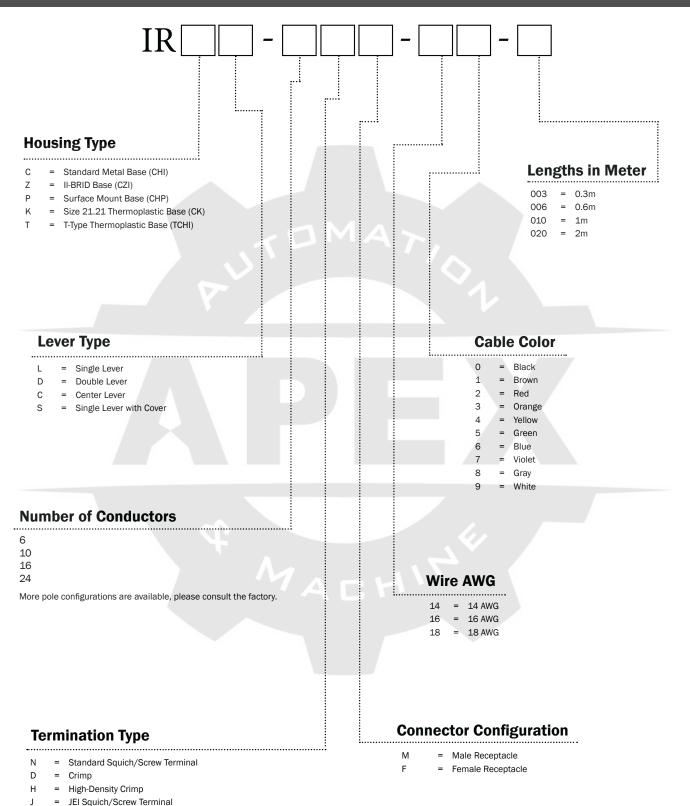
## **Pre-Wired Rectangular Receptacles**

Pre-Wired Rectangular Receptacles Part Number Matrix



**1**5

Not all options available with all components - Please consult factory





## **Pre-Wired Rectangular Receptacles**

6 & 10 Conductor Pre-Wired Rectangular Receptacles



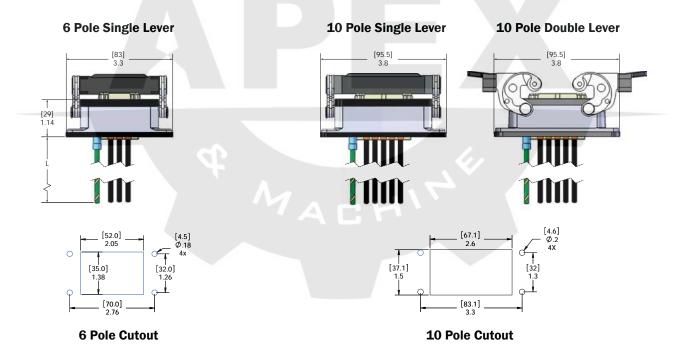
6 & 10 Pole | 600V, 16A | Metal Housing | IP66 Rating



# of Poles	Lever Type	Rating	Wire AWG	Male Receptacle	Female Receptacle	
6	Single Lover	600V	14	IRCL-06NM-140-**	IRCL-06NF-140-**	
+ 🖶	Single Lever	16A	16	IRCL-06NM-160-**	IRCL-06NF-160-**	
		600V	14	IRCL-10NM-140-**	IRCL-10NF-140-**	
10	Single Lever	16A	16	IRCL-10NM-160-**	IRCL-10NF-160-**	
+ 🖶	D 111	600V	14	IRCD-10NM-140-**	IRCD-10NF-140-**	
	Double Lever	16A	16	IRCD-10NM-160-**	IRCD-10NF-160-**	

<sup>\*\*</sup> Length in meters. Longer lead length are available, consult the factory for part numbers.

All black wires are numbered with the corresponding contact number.



#### **Specifications:**

Base : Epoxy Coated Die-Cast Aluminum

Lever: Stainless Steel & Nylon

Gasket: Thermoplastic Insert: PolyCarbonate

Contacts: Siver Plated Copper Alloy

Wires: Black 14/16 AWG (2.5 sqmm) UL Style 1015 MTW



## **Pre-Wired Rectangular Receptacles**

16 & 24 Conductor Pre-Wired Rectangular Receptacles



IP66 Rating

**17** 

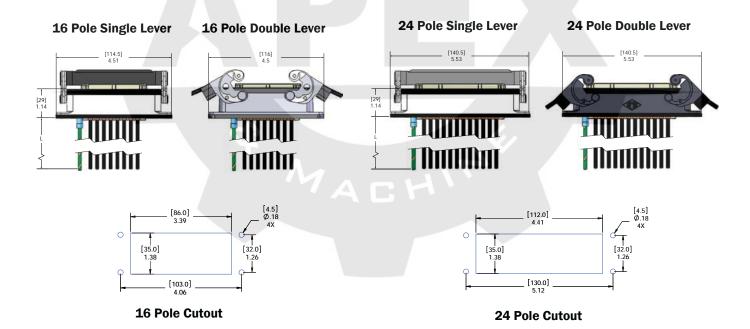
16 & 24 Pole | 600V, 16A | Metal Housing |



# of Poles	Lever Type	Rating	Wire AWG	Male Receptacle	Female Receptacle
	Single Lever	600V	14	IRCL-16NM-140-**	IRCL-16NF-140-**
16	Siligle Level	16A	16	IRCL-16NM-160-**	IRCL-16NF-160-**
+ 🖶	Double Lever	600V	14	IRCD-16NM-140-**	IRCD-16NF-140-**
		16A	16	IRCD-16NM-160-**	IRCD-16NF-160-**
	0: 1.1	600V	14	IRCL-24NM-140-**	IRCL-24NF-140-**
24	Single Lever	16A	16	IRCL-24NM-160-**	IRCL-24NF-160-**
		600V	14	IRCD-24NM-140-**	IRCD-24NF-140-**
+ 🗐	Double Lever	16A	16	IRCD-24NM-160-**	IRCD-24NF-160-**

<sup>\*\*</sup> Length in meters. Longer lead length are available, consult the factory for part numbers.

All black wires are numbered with the corresponding contact number.



#### **Specifications:**

Base: Epoxy Coated Die-Cast Aluminum

Lever: Stainless Steel & Nylon

Gasket: Thermoplastic Insert: PolyCarbonate

Contacts: Siver Plated Copper Alloy

Wires: Black 14/16 AWG (2.5 sqmm) UL Style 1015 MTW



Metric Threads Cable Glands



Standard Brass Cable Glands

Metric Threads

IP68/IP69K Rating

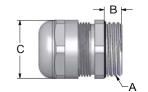


Part Number	UL Rating	IP Rating	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
MCG-M06***	N/A	IP68	2 - 3.2	6.2	6	8	M6 x 1.0
MCG-M08***	N/A	IP68	3 - 5	8.2	4	11	M8 x 1.25
MCG-M12	UL Recognized	IP69K	3 - 6	12.2	5	14	M12 x 1.5
MCG-M16	UL Recognized	IP69K	3 - 9	16.2	5	17	M16 x 1.5
MCG-M20	UL Recognized	IP69K	5 - 13	20.2	6	22	M20 x 1.5
MCG-M25	UL Recognized	IP69K	8 - 16	25.2	7	27	M25 x 1.5
MCG-M32	UL Recognized	IP68	12 - 21	32.2	8	34	M32 x 1.5
MCG-M40	UL Recognized	IP68	16 - 27	40.2	8	43	M40 x 1.5
MCG-M50	UL Recognized	IP69K	21 - 35	50.2	9	55	M50 x 1.5
MCG-M63	UL Recognized	IP69K	27-48	63.2	10	65	M63 x 1.5

<sup>\*\*\*</sup> MCG-M06 & MCG-M08 are not supplied with jam nuts. Nuts are not available for these cable glands.

M12 through M32 are also available in Stainless steel. Add "SS" to the part number (e.g. MCG-M12-SS). Stainless steel glands do not come with jam nuts.

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68 (comparable to NEMA 6P). The glands have a wide clamping range.



A Locking Nut and an O-Ring are supplied on all Metric threaded Metal Cable Glands, except where noted.

#### **Materials:**

Body: Nickel Plated Brass

Insert: Polyamide Seal: Neoprene O-Ring: BUNA-N



**Metric Threads Cable Glands** 



Standard Plastic Cable Glands

Metric Threads

IP68 Rating



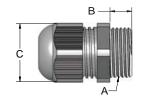


Part N	lumber	UL Rating	Diameter	A Mounting Hole	B Thread Length	C Wrench Flats	Thread
Gray	Black	UL Rating	Range (mm)	Clearance (mm)	(mm)	(mm)	Туре
PCG-M12R	PCG-M12R-B	N/A	2 - 5	12.2	8	15	M12 x 1.5
PCG-M12	PCG-M12-B	UL Recognized	3 - 6.5	12.2	8	15	M12 x 1.5
PCG-M16R	PCG-M16R-B	N/A	3 - 7	16.2	8	22	M16 x 1.5
PCG-M16	PCG-M16-B	UL Recognized	5 - 10	16.2	8	22	M16 x 1.5
PCG-M20R	PCG-M20R-B	UL Recognized	5 - 9	20.2	8	24	M20 x 1.5
PCG-M20	PCG-M20-B	UL Listed	10 - 14	20.2	8	24	M20 x 1.5
PCG-M25R	PCG-M25R-B	N/A	9 - 16	25.2	8	33	M25 x 1.5
PCG-M25	PCG-M25-B	UL Recognized	13 - 18	25.2	8	33	M25 x 1.5
PCG-M32R	PCG-M32R-B	UL Listed	12 - 20	32.2	10	42	M32 x 1.5
PCG-M32	PCG-M32-B	UL Listed	18 - 25	32.2	10	42	M32 x 1.5
PCG-M40R	PCG-M40R-B	UL Listed	20 - 26	40.2	10	53	M40 x 1.5
PCG-M40	PCG-M40-B	UL Listed	22 - 32	40.2	10	53	M40 x 1.5
PCG-M50R	PCG-M50R-B	UL Listed	25 - 31	50.2	12	60	M50 x 1.5
PCG-M50	PCG-M50-B	UL Listed	30 - 38	50.2	12	60	M50 x 1.5
PCG-M63R	PCG-M63R-B	UL Listed	29 - 35	63.2	12	65	M63 x 1.5
PCG-M63	PCG-M63-B	UL Listed	34 - 44	63.2	12	65	M63 x 1.5

The Flex Style Version of UL recognized & UL listed parts are also UL recognized and UL listed. For the flex style version, add "S" to the part number (e.g. PCG-M25-BS). Flex styles are not available on the PCG-M32 to PCG-M63 versions.

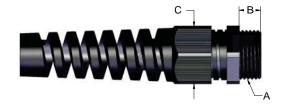
Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68-5 Bar (comparable to NEMA 6P). The glands have a wide clamping range.

A Locking Nut is supplied on all Metric threaded parts. O-Rings are not required to maintain a seal on any sizes smaller than M32. An O-Ring is supplied on size M32 and larger.



#### **Materials:**

Body: Polyamide Seal: Neoprene





**Metric Threads Cable Glands** 



**Dual Grommet Plastic Cable Glands** 

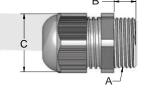
Metric Threads

IP68 Rating



Part N	umber	III Doting	Diameter	A Mounting Holo	B Throad Longth	C Wrench Flats	Thread
Gray	Black	UL Rating	Range (mm)	Mounting Hole Clearance (mm)	Thread Length (mm)	(mm)	Туре
PCGU-M12	PCGU-M12-B	UL Recognized	2 - 5	12.2	8	15	M12 X 1.5
PCGU-M16	PCGU-M16-B	UL Recognized	3 - 10	16.2	8	20	M16 X 1.5
PCGU-M20	PCGU-M20-B	UL Recognized	5 - 13	20.2	8	24	M20 X 1.5
PCGU-M25	PCGU-M25-B	UL Recognized	8 - 17	25.2	8	29	M25 X 1.5
PCGU-M32	PCGU-M32-B	UL Recognized	12 - 21	32.2	10	36	M32 X 1.5
PCGU-M40	PCGU-M40-B	UL Recognized	16 - 28	40.2	10	46	M40 X 1.5
PCGU-M50	PCGU-M50-B	UL Recognized	21 - 35	50.2	12	55	M50 X 1.5
PCGU-M63	PCGU-M63-B	N/A	27 - 48	63.2	12	68	M63 X 1.5

These Cable Glands have a dual grommet system that allows for a much wider range in diameter than the standard plastic cable glands. Cables that are in the lower part of the diameter range will fit into the cable gland without any change. For cables that are in the upper part of the diameter range, the dome nut is removed and the seals are removed. Separate the inner seal from the outer seal into the cable gland and then put the outer seal back in place. It is now ready for use with the larger cable.



A Locking Nut is supplied on all Metric threaded parts. An O-Ring is not needed on any sizes smaller than M32. An O-Ring is supplied on size M32 and larger.

#### **Materials:**

Body: Polyamide Seal: Neoprene



### **Metric Threads Cable Glands**



EMI Shielding Brass Cable Glands

Metric Threads

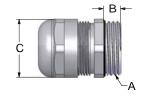
IP68/IP69K Rating



Part Number	UL Rating	IP Rating	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
MCGB-M12	UL Recognized	IP69K	3 - 6	12.2	5	14	M12 x 1.5
MCGB-M12L	UL Recognized	IP69K	3 - 6	12.2	10	14	M12 x 1.5
MCGB-M16	UL Recognized	IP69K	3 - 9	16.2	5	17	M16 x 1.5
MCGB-M16L	UL Recognized	IP69K	3 - 9	16.2	10	17	M16 x 1.5
MCGB-M20	UL Recognized	IP69K	5 - 13	20.2	6	22	M20 x 1.5
MCGB-M20L	UL Recognized	IP69K	5 - 13	20.2	10	22	M20 x 1.5
MCGB-M25	UL Recognized	IP69K	8 - 16	25.2	7	27	M25 x 1.5
MCGB-M25L	UL Recognized	IP69K	8 - 16	25.2	11	27	M25 x 1.5
MCGB-M32	UL Recognized	IP68	12 - 21	32.2	8	34	M32 x 1.5
MCGB-M32L	UL Recognized	IP68	12 - 21	32.2	13	34	M32 x 1.5
MCGB-M40	UL Recognized	IP68	16 - 27	40.2	8	43	M40 x 1.5
MCGB-M40L	UL Recognized	IP68	16 - 27	40.2	13	43	M40 x 1.5
MCGB-M50	UL Recognized	IP69K	21 - 35	50.2	9	55	M50 x 1.5
MCGB-M50L	UL Recognized	IP69K	21 - 35	50.2	14	55	M50 x 1.5
MCGB-M63	UL Recognized	IP69K	27 - 48	63.2	10	65	M63 x 1.5

Lock Nuts are supplied with all cable glands listed other than MCGB-M12, MCGB-M16 and MCGB-M20. These threads are too short to be used with Lock Nuts.

Mencom EMI Cable Glands provide an easy way to ground the shield from a shielded cable to the body of the metal cable gland. The seal rating is IP 68.



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#### **Materials:**

Body: Nickel Plated Brass

Insert: Polyamids O-Ring: Neoprene





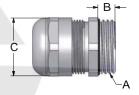
**Metric Threads Cable Glands** 



Explosion-Proof Brass Cable Glands | Metric Threads | IP68 Rating

Part Number	Diameter Range (mm)	A Mounting Hole Clearance (mm)	Iounting Hole Thread Length		Thread Type
MCGEX-M12	3 - 6.5	12.2	5	14	M12 x 1.5
MCGEX-M16	5 - 9	16.2	5	17	M16 x 1.5
MCGEX-M20	6 - 12	20.2 6		22	M20 x 1.5
MCGEX-M25	11 - 16	25.2	7	27	M25 x 1.5
MCGEX-M32	14 - 21	32.2	8	34	M32 x 1.5
MCGEX-M40	19 - 27	40.2	8	43	M40 x 1.5
MCGEX-M50	24 - 35	50.2	9	55	M50 x 1.5
MCGEX-M63	32 - 42	63.2	10	65	M63 x 1.5

These Explosion-Proof Cable Glands are made of Nickel Plated Brass and are for potentially explosive areas according to EN 50014 and EN 50019. The type of protection is EExd e II-increased safety. There is excellent strain relief, a wide clamping range, and a torsion protected plastic insert that is resistant to impact at cold temperatures. Also, the cable glands feature a neoprene sealing insert, the O-Ring seal is BUNA-N, and the permanent ambient temperature is -25°C to +80°C (-13° F to +176°F). Protection type is IP 68 according to EN 60529, E-Generation, certificate of conformity: DMT 99 ATEX E 016. Locking Nuts must be ordered separately.



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#### ATEX 100a

With a view toward further harmonization of the legal provisions in the European Union in respect to the use of equipment and protection systems in accordance with the regulations in areas subject to explosion hazards, the European Parliament and Council passed Directive 94/9/EC on the 23rd of March, 1994. This directive is also known as ATEX 100A. The period for implementing this guideline started on the 1st of March, 1996 and from the 1st of July, 2003 onwards, it will replace and supplement all directives on explosion protection applicable to date at the European level. The single market requires national regulations to be replaced by European Standards (EN).

he ATEX 100A governs the requirements for all (both electrical and non-electrical) equipment and protection systems which are intended for use in areas subject to explosion hazards. Monitoring, control and safety equipment for use outside areas subject to explosion hazards also fall within the provisions of this directive if they are necessary in view of explosion hazards for the safe running of equipment and protection systems.

The explosion-proof cable glands listed in this catalog are produced in Germany and are for use in areas subject to explosion hazards. Such parts are also termed "cable glands and entry fittings" (abbreviated KLE) and "accessories."

EN 50014 defines cable glands and entry fittings as equipment which allows one or several electrical and/or fibre optic cables or wires to be inserted into electrical equipment while retaining the corresponding type of protection.

The explosion-proof KLE items contained in this catalog are suitable for inserting cables and wires into housing of protection type EEx e "increased safety," and EEx i "inherent safety" in Device Groups II and Categories 2 and 3.

For further information on ATEX and European explosion-proof classifications, please consult the factory.

These specifications are not intended to be correlated to or to be a substitution for U.S. Explosion-Proof ratings.



**Metric Threads Cable Glands** 



Explosion-Proof Plastic Cable Glands

Metric Threads

IP66 Rating

Part Number	Color	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
PCGEX-M12-B	Black	4 - 7	12.2	8	15	M12 x 1.5
PCGEX-M12L-B	Black	4 - 7	12.2	12	15	M12 x 1.5
PCGEX-M16-B	Black	5.5 - 10	16.2	8	20	M16 x 1.5
PCGEX-M16L-B	Black	5.5 - 10	16.2	12	20	M16 x 1.5
PCGEX-M20-B	Black	5.5 - 13	20.2	8	24	M20 x 1.5
PCGEX-M20L-B	Black	5.5 - 13	20.2	13	24	M20 x 1.5
PCGEX-M25-B	Black	8 - 17	25.2	8	29	M25 x 1.5
PCGEX-M25L-B	Black	8 - 17	25.2	13	29	M25 x 1.5
PCGEX-M32-B	Black	12 - 21	32.2	10	36	M32 x 1.5
PCGEX-M40-B	Black	17 - 28	40.2	10	46	M40 x 1.5
PCGEX-M50-B	Black	22 - 35	50.2	12	55	M50 x 1.5
PCGEX-M63-B	Black	27 - 48	63.2	12	68	M63 x 1.5

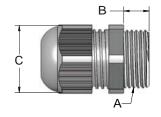
Intrinsically safe explosion proof versions are also available, please consult the factory.

Protection type EExd e II is a standard European classification.

These specifications are NOT intended to be correlated to or to be a substitution for U.S. Explosion-Proof ratings.

Type of protection EExd e II- increased safety. Permanent ambient temperature -50°C to +55°C (-58°F to +131°F). Protection type is IP 66 according to EN 60529. Certificate of conformity: PTB-No. Ex-92-C.3142; PTB-No. Ex-92-C3108X (M12 & M16).

Locking Nuts must be ordered separately.



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Materials: ALCRYM



## **Cable Glands Accessories**

Metric Threads Cable Gland Nuts



Nuts | Plastic | Metal | PG Threads

	Metal Nuts								
Part N	Part Number		В						
Nickel Plated Brass	Stainless Steel	A (mm)	(mm)	Thread Type	Style				
2M12M	2M12M-SS	15	2.8	M12 x 1.5					
2M16M	2M16M-SS	19	2.8	M16 x 1.5	B				
2M20M	2M20M-SS	24	3	M20 x 1.5					
2M25M	2M25M-SS	30	3.5	M25 x 1.5	A ((( )))				
2M32M	2M32M-SS	36	4 1	M32 x 1.5					
2M40M	2M40M-SS	46	5	M40 x 1.5					
2M50M	2M50MPOT-SS	60	5	M50 x 1.5	Materials: Nickel Plated Brass/				
2M63M	2M63MPOT-SS	70	6	M63 x 1.5	Stainless Steel				

	Plastic Nuts									
Part N	Part Number		В	Thread Type	Style					
Gray	Black	(mm)	(mm)		Style					
2M12PA	2M12PASW	17	5	M12 x 1.5						
2M16PA	2M16PASW	22	5	M16 x 1.5	В					
2M20PA	2M20PASW	27	6	M20 x 1.5						
2M25PA	2M25PASW	32	6	M25 x 1.5	A ((( )))					
2M32PA	2M32PASW	41	7	M32 x 1.5						
2M40PA	2M40PASW	50	7	M40 x 1.5						
2M50PA	2M50PASW	60	8	M50 x 1.5	Materials: Polyamide					
2M63PA	2M63PASW	75	7 / 8	M63 x 1.5						

Cutting Metal Nuts				
Part Number	A (mm)	B (mm)	Thread Type	Style
2M12MPOT	15	2.8	M12 x 1.5	
2M16MPOT	19	2.8	M16 x 1.5	B A
2M20MPOT	24	3	M20 x 1.5	
2M25MPOT	30	3.5	M25 x 1.5	
2M32MPOT	36	4	M32 x 1.5	
2M40MPOT	46	5	M40 x 1.5	1mm
2M50MPOT	60	5	M50 x 1.5	Materials: Nickel Plated Brass
2M63MPOT	70	6	M63 x 1.5	



Designed to reduce labor time & costs associated with the installation

Mount Base

Male/Female Insert

Mating Hoods

This series of connectors was originally designed to handle electrical connections that are subject to harsh (heavy duty) environments. The usage of rectangular connectors has expanded to include applications where multiple lines need to be passed through the control cabinet. In creating a solution it is important to consider your power and signal transmission needs as well as the environmental conditions. The electrical ratings can range from signal level up to 200A for high power requirements. Environmental conditions that may affect the electrical connection chosen include chemicals and other corrosive materials as well as high humidity or wash down. Likewise the frequency of connect/disconnect and general usage may play a role in determining the right connector.

## **Components to make a complete connection**

**Enclosures (Hoods & Bases):** Enclosures are the combination of the base housing and the hood. The principal parts are made of a die cast aluminium alloy with a coating of epoxy-polyester powdercoat. They are resistant to impacts and stong mechanical stress. The coupling stability and protection against accidental opening are assured by single or double-closing devices comprised of stainless steel levers, springs, and pegs. Sealing is assured by special gaskets that protect the contact groups inside the enclosure against dust & water. The first two features to look at when selecting your hood and base are housing size (10 pole, 16 pole, etc.) and the position of the cable entry on the hood (top, side). Once these requirements are determined, the lever system can be chosen along with the thread of the cable entry. Mencom offers PG, Metric and NPT thread options.



**Inserts:** The Insert is the part of the connector that has the contacts. Inserts feature one of two conductor connection techniques: Screw Terminal or Tool-less Spring (aka Squich). These inserts are made of UL certified self-extinguishing fiberglass reinforced thermoplastics and the operating temperature ranges between -40 °C and +125 °C. The contacts are in silver or gold plated brass and they are numbered on both sides for accurate installation.



**Cable Glands:** Mencom offers a wide variety of cable glands, from small (PG7) to very large (M63). Our line of cable glands includes plastic and metal varieties with NPT, Metric and PG threading. In general, a cable gland is a device that allows the user to pass a cable, wire or tube into an enclosure. The gland provides strain relief and seals out dust, dirt and liquids. Mencom carries a large inventory of cable glands and accessories and most are rated IP68 while others are rated IP68 to 5 bar (underwater up to 5 atmospheres). With so many varieties, cable glands are sold separately from our kits.









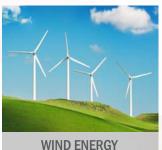


## APPLICABLE INDUSTRIES

Wherever connections are required for power and signalling circuit











## THIS CATALOG ALSO INCLUDES...

**Pre-Wired Rectangular Receptacles** 

**Cable Glands** 







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