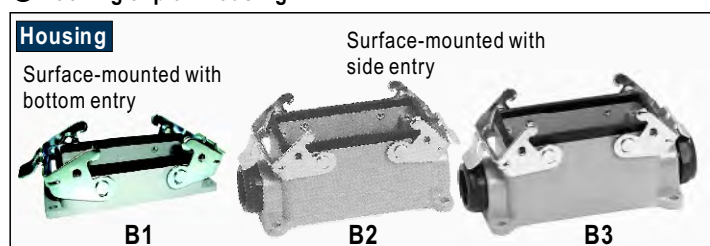


Multipole Connector

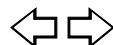
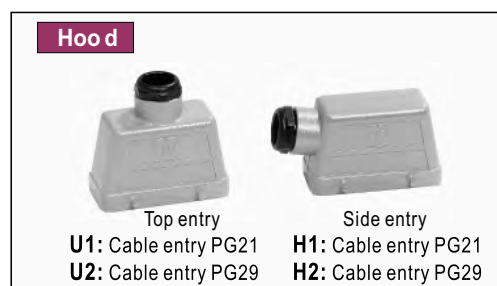
 KM03MFU1B1 KS04MFU1B1 KM03MFU1B1 3 Poles, 400V, Max. 16A KS04MFU1B1 4 Poles, 250V, Max. 10A	 KM06 6Poles 400V, Max. 16A	 KM10 10Poles 400V, Max. 16A	 KM16 16Poles 400V, Max. 16A
 KM24 24Poles 400V, Max. 16A	 KM32 32Poles 400V, Max. 16A	 KM48 48Poles 400V, Max. 16A	Hood Housing
 KL03 3Poles 400V, Max. 35A	 KL06 6Poles 400V, Max. 35A	 KL12 12Poles 400V, Max. 35A	 KXM4/2 4P, 80A, 690V 2P, 16A, 400V

Locking Assembly

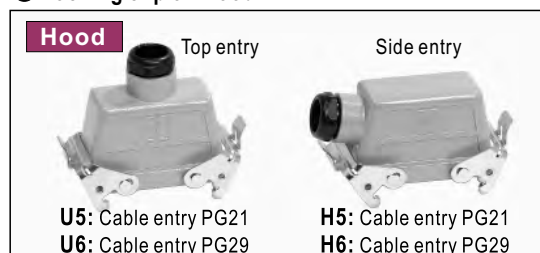
① Locking clip on Housing



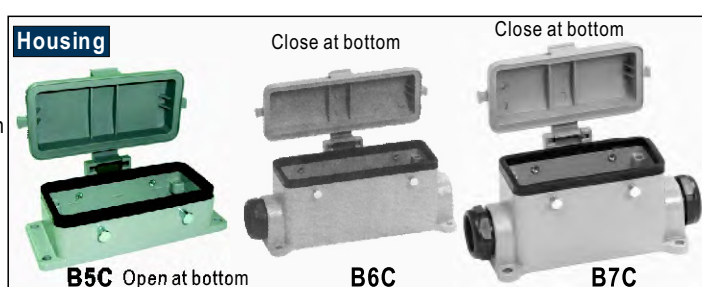
To be fitted with

② Locking clip on Hood



To be fitted with

HOW TO ORDER

Model No.	KM06	M	F	H1	B1
Type	Plug insert	Socket insert	Hood	Housing	

Multipole Connector

DESCRIPTION

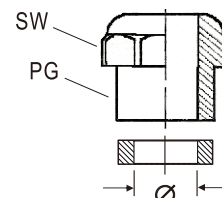
All series' terminals with wire protection excepting the series KM03, KS03, KXM4/2 without wire protection



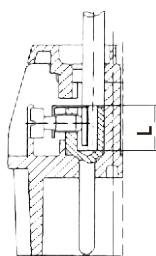
Without wire protection



With wire protection



Plug-socket contacts	Thread Screw	Test torque Kg-cm ²	Cross section		Stripping Length L (mm)
			mm ²	AWG	
KM03/KS04	M3	8	2.5	14	4.5
KM06 ~ KM48	M3	8	2.5	14	7
KL03 ~ KL12	M4	12	6	10	11
KXM4/2	M6/M3	12/8	16/2.5	5/14	15/7



Cable Entry Protection

Description	PG11	PG13.5	PG16	PG21	PG29
Clamping Range mm Dia. Ø	5-11	6.5-12.5	9-15	13-20	21-28
SW	20	23	25	30	40

SERIES	KS	KM	KL	KXM
Number of contacts	4 + ⊕	3 / 6 / 10 / 16 / 24 / 32 / 48 + ⊕	3 / 6 / 12 + ⊕	4 & 2 + ⊕
Rated Current	10A max.	16A max.	35A max.	80A/16A max.
Rated Voltage	250V ~	400V ~	400V ~	690V/400V ~
Approvals				
Dielectric Test Voltage	2KV 1 minute	3KV 1 minute	3KV 1 minute	4KV/3KV 1 minute
Volume Resistance	1mΩ	1mΩ	1mΩ	0.3mΩ/1mΩ
Temperature Range	-40 ~ 125°C			
Protection Category	Ip54 when mated	Ip54 for 3P, others Ip65 when mated	IP65 when mated	IP65 when mated
Cross section	0.5 - 2.5mm ²	0.5 - 2.5mm ²	1 - 6mm ²	1.5 -16mm ² / 0.5-2.5mm ²
Terminal Screws	M3 Steel Nickel plated	M3 Steel Nickel plated	M4 Steel Nickel plated	M3/M6 Steel Nickel plated
Protection Cover				
		6~24P is Nylon 66.V-0	3~6P is Nylon 66.V-0	Nylon 66.V-0
Plug and Socket Insert		KM32/KM48/KL12 by Aluminum Die-casting Alloy		
Contact elements	Glass-fibre reinforced polycarbonate V-0			
Contact Surfaces	Copper Alloy			
Earth Connector Part	Hard-Silver plated			
Locking Levers	Brass Nickel plated			
Pressing Lock-Nut	Nylon 66.V-0			
Gaskets	Neoprene (resistant to oil and ageing)			
Hood and Housing	Aluminum Die-casting Alloy			

Flexible Conduit Adaptor

Material : High-quality plastic PA66 (Colour: Black)
Temperature Range : -30 ~ 100°C
Protection : IP54

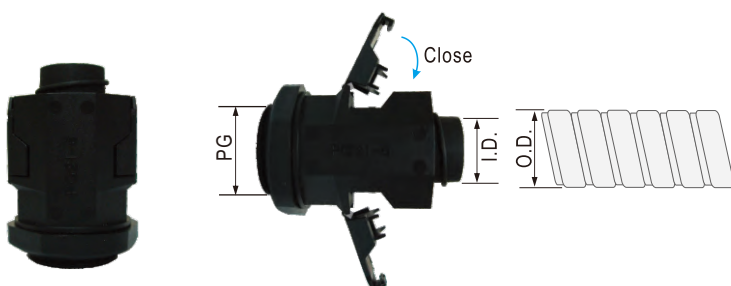
Flexible Conduit Adaptor

CG Type



Flexible Metal Conduit Adaptor

MCG Type



Model No.	Thread(PG)	Suitable Conduit		
CG11	11	15.8 ± 0.5		
CG11-3	11	17.5 ± 0.5		
CG13.5	13.5	15.8 ± 0.5		
CG13.5-3	13.5	17.5 ± 0.5		
CG16	16	21.2 ± 0.5		
CG21	21	28.5 ± 0.5		
CG21-6	21	25.8 ± 0.5		
CG29	29	34.5 ± 0.5		
CG36	36	42.5 ± 0.5		
(Model for Metal Conduit)		Inch	Min. O.D.	Max. I.D.
MCG11-3	11	3/8"	12.3	18
MCG13.5-3	13.5	3/8"	12.3	18
MCG16-4	16	1/2"	15.8	22
MCG21-6	21	3/4"	20.3	27
MCG29-10	29	1"	26	34
MCG36-12	36	1 1/4"	32.5	43
MCG36-15	36	1 1/4"	35	43