

Cable entry plates

Fast and easy
assembly

Dual sealing
according to IP65/66

UL94 V0 self-extinguishing
options available



- MC (IP66/67) cable entry plates are designed for route and seal cables without connectors
- The assembly of the MC (IP66/67) with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane and push the cables through
- Suitable for standard cut-outs for FL21. For screwing in place

Advantages

- Fast and easy assembly
- High cable density
- Dual cable sealing with IP66/IP67
- Excellent IP protection when cables are bent
- Screw mounting
- Suitable for both indoor and outdoor use

Technical specifications

- IP rating: IP66 and IP67
- Material: Thermoplastic elastomer
- Material base frame: Metal reinforcement electroplated steel
- Color: Black or Grey (RAL7035)
- Flame class: UL94-V0, self-extinguishing option available
- Temperature: -40 °C...+100 °C
- Properties: Halogen free, Silicone free
- Mounting type: Screw type mounting
- Diam. of screw holes: 9,5 mm



Description	Package (pcs)	MC 3/7 (IP66/67)	MC 25/27 (IP66/67)	MC 35/37 (IP66/67)
Light Grey RAL 7035 4 plastic pins included	40	MBA1C07G11	MBA1C27G11	MBA1C37G11
Light Grey RAL 7035 UL 94 V-0 approved	60	MBA1N07X11	MBA1N27X11	MBA1N37X11
Black UL 94 V-0 approved	60	MBA1N07B11	MBA1N27B11	MBA1N37B11

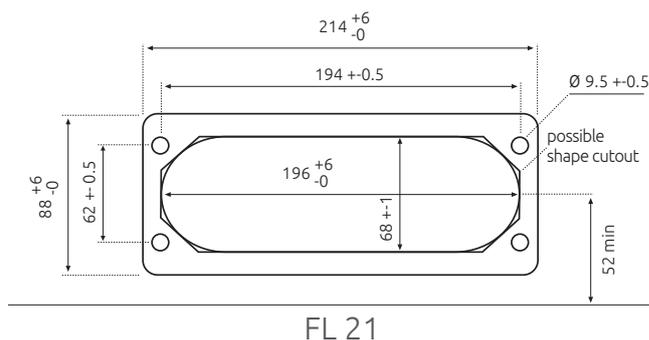
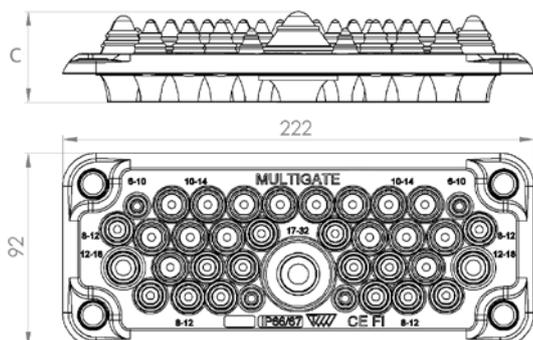
Technical data

Service temperature	-40 to + 100 °C	-40 to + 100 °C	-40 to + 100 °C
Dimensions height C (mm)	76	43	43
Number of cables (pcs) x cable diameter (mm)	4 x 8 - 16 2 x 24 - 54 1 x 30 - 60 - -	4 x 5 - 7 4 x 8 - 12 13 x 10 - 14 4 x 14 - 20 2 x 20 - 26	4 x 6 - 10 14 x 8 - 12 16 x 10 - 14 2 x 12 - 18 1 x 17 - 32
Total number of cables	7	27	37
Mounting hole size	C - FL 21	C - FL 21	C - FL 21
Weight (g)	206	229	233

Mounting pins are available on request.

Look more about materials at Comparison of materials on page 153.

Dimensions of cable entry plates and mounting hole



- MC (IP65) cable entry plates are designed for route and seal cables without connectors
- The assembly of the MC (IP65) with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane and push the cables through
- Suitable for standard cut-outs for FL21. For crewing in place

Advantages

- Fast and easy assembly
- High cable density
- Dual cable sealing with IP65
- Hygienic design - free of dirt-collecting recesses
- Screw mounting
- Suitable for both indoor and outdoor use

Technical specifications

- IP rating: IP65
- Material: Thermoplastic elastomer
- Material base frame: Metal reinforcement electroplated steel
- Color: Black or Grey (RAL7035)
- Flame class: UL94-V0, self-extinguishing option available
- Oil-resistant option available
- Temperature: -40 °C...+100 °C
- Properties: Halogen free, Silicone free
- Mounting type: Screw type mounting
- Diam. of screw holes: 9,5 mm



MC 3 (IP65)



MC 25 (IP65)



MC 35 (IP65)

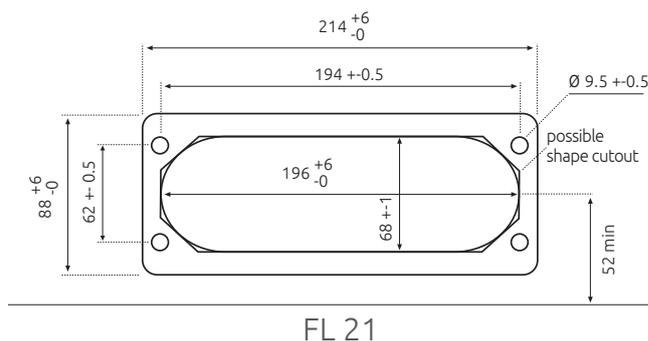
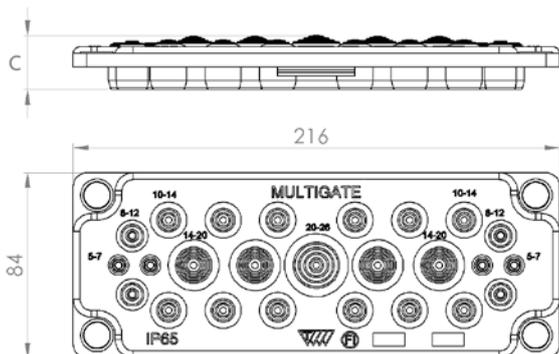
Light Grey RAL 7035 4 plastic pins included	●	MBA1C03L11	MBA1C25L11	MBA1C35L11
Black	●	MBA1N03A11	MBA1N25A11	MBA1N35A11
Black, UL94 V0, oil-resistant	●	MBA1N03B11	MBA1N25B11	MBA1N35B11

Technical data			
Service temperature	-40 to + 100° C	-40 to + 100° C	-40 to + 100° C
Dimensions (mm)	214 x 82	216 x 84	216 x 84
Number of cables (pcs) x cable diameter (mm)	4 x 8 - 12 (IP54) 2 x 24 - 54 (IP65) 1 x 30 - 60 (IP65) - -	4 x 5 - 7 4 x 8 - 12 12 x 10 - 14 4 x 14 - 20 1 x 20 - 26	2 x 6 - 10 14 x 7 - 12 16 x 10 - 14 2 x 12 - 18 1 x 17 - 32
Total number of cables	7	25	35
Mounting hole size	C - FL 21	C - FL 21	C - FL 21
Weight (g)	199	230	220
Package (pcs)	100	100	100

Mounting pins are available on request.

Look more about materials at Comparison of materials on page 153.

Dimensions of cable entry plates and mounting hole



MC 4 (IP65)

- MC 4 (IP65) cable entry plates are designed for route and seal cables without connectors
- The assembly of the MC 4 (IP65) with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane and push the cables through

Advantages

- Fast and easy assembly
- High cable density
- Dual cable sealing with IP65
- Hygienic design - free of dirt-collecting recesses
- Screw mounting
- Suitable for both indoor and outdoor use

Technical specifications

- IP rating: IP65
- Material: Thermoplastic elastomer
- Material base frame: Metal reinforcement stainless steel
- Color: Black

Stainless steel reinforcement frame eliminates the inductive eddy currents that can be generated by the cables



- Flame class: UL94-V0, self-extinguishing option available
- Oil-resistant option available
- Temperature: -40 °C...+100 °C
- Properties: Halogen free, Silicone free
- Mounting type: Screw type mounting
- Diam. of screw holes: 9,5 mm



MC 4 (IP65)

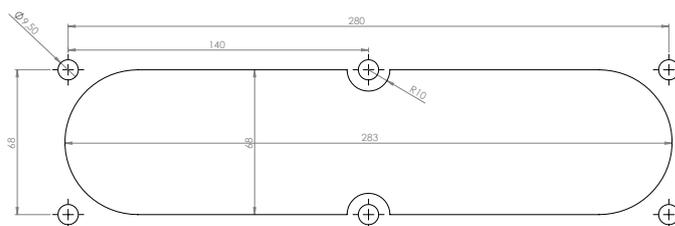
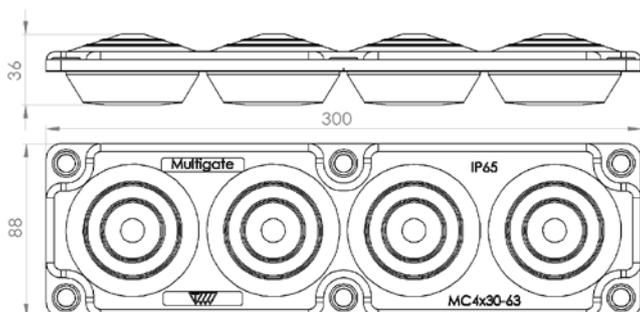
Black, UL 94 V-0 approved	●	MBA1F04B11
---------------------------	---	------------

Technical data

Service temperature	-40 to + 100° C
Number of cables (pcs) x cable diameter (mm)	4 x 30 - 63 mm
Total number of cables	4
Mounting hole size	283 x 68 mm
Weight (g)	258
Package (pcs)	50

Look more about materials at [Comparison of materials on page 153.](#)

Dimensions of cable entry plates and mounting hole



- MC 10 (IP55) cable entry plates are designed for route and seal cables without connectors
- The assembly of the MC 10 (IP55) with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane and push the cables through
- Suitable for standard cut-outs for FL21. For screwing in place

Advantages

- Fast and easy assembly
- High cable density
- Excellent IP protection when cables are bent
- Screw mounting
- Suitable for both indoor and outdoor use

Technical specifications

- IP rating: IP55
- Material: Thermoplastic elastomer (TPE)
- Material base frame: glass fibre reinforced polypropylene (PP-GF)
- Color: Grey (RAL7035)
- Temperature: -40 °C...+100 °C
- Properties: Halogen free, Silicone free
- Mounting type: Screw type mounting
- Diam. of screw holes: 9,5 mm



MC 10 (IP55)

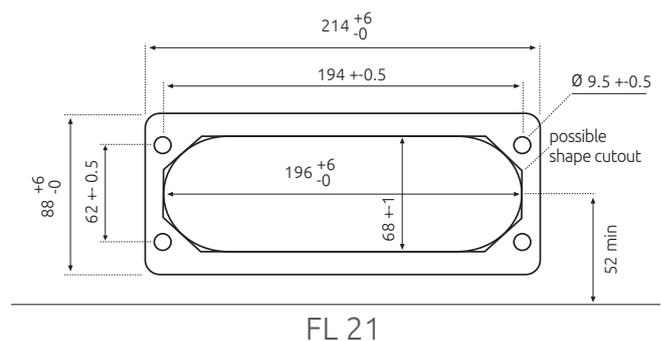
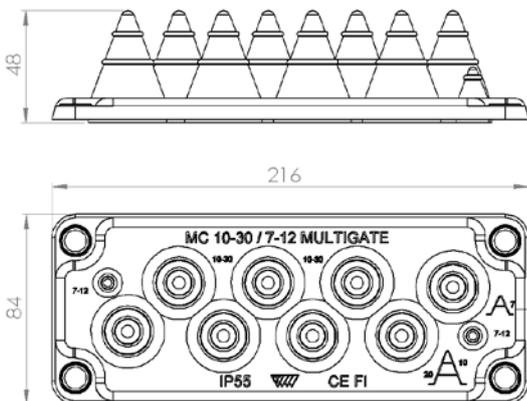
Light Grey, RAL 7035 UL 94 V-0 approved	●	MBA1N10X11
--	---	------------

Technical data	
Service temperature	-40 to + 100 °C
Number of cables (pcs) x cable diameter (mm)	2 x 7 - 12 8 x 10 - 30
Total number of cables	10
Mounting hole size	C - FL 21
Weight (g)	200
Package (pcs)	100

Mounting pins are available on request.

Look more about materials at Comparison of materials on page 153.

Dimensions of cable entry plates and mounting hole



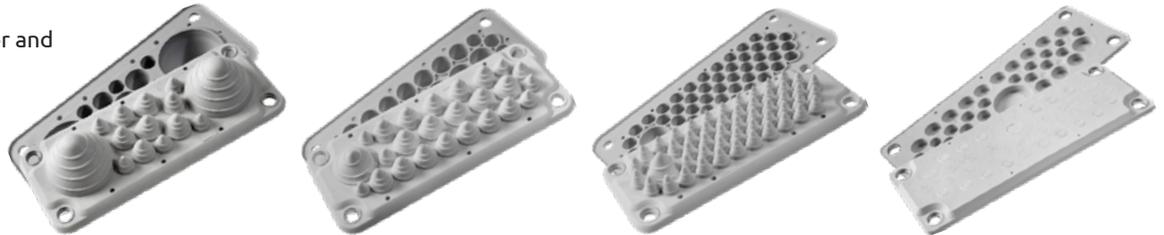
- LMC (IP44, 54) cable entry plates are designed for route and seal cables without connectors
- The assembly of the LMC (IP44, 54) with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane and push the cables through
- Suitable for standard cut-outs for FL21. For screwing in place

Advantages

- Fast and easy assembly
- High cable density
- Excellent IP protection when cables are bent
- Screw mounting
- Suitable for both indoor and outdoor use

Technical specifications

- IP rating: IP44, IP54
- Material: Thermoplastic elastomer
- Material base frame: Metal reinforcement electroplated steel
- Color: Grey (RAL7035)
- Flame class: UL94-V0, self-extinguishing option available
- Temperature: -40 °C...+90 °C
- Properties: Halogen free, Silicone free
- Mounting type: Screw type mounting
- Diam. of screw holes: 9,5 mm



LMC 14 (IP54)

LMC 25 (IP54)

LMC 51 (IP54)

LMC 35 (IP44)

Light Grey RAL 7035 4 plastic pins included	● MBA3F14L11	MBA3F25L11	MBA3F51L11	MBA3F35L11
Light Grey RAL 7035 UL 94 V-0 approved	● MBA3N14X11	MBA3N25X11	MBA3N51X11	-

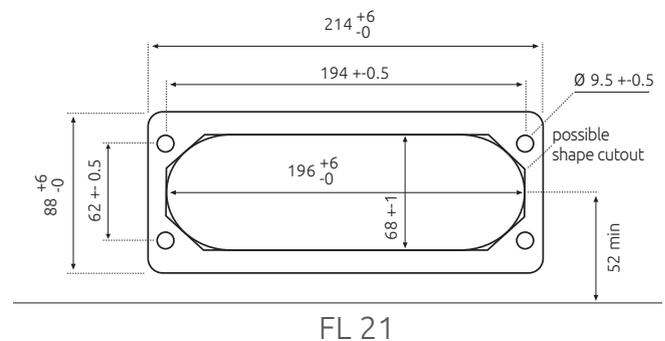
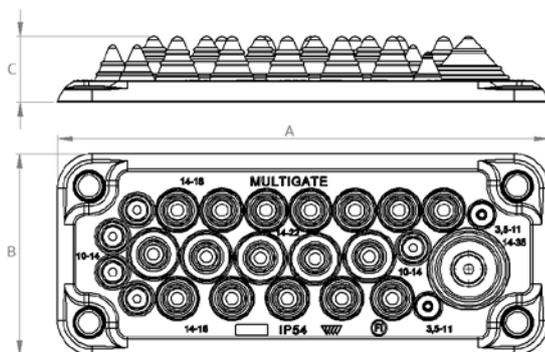
Technical data

Service temperature	-40 to + 100 °C	-40 to + 100 °C	-40 to + 100 °C	-40 to + 100 °C
Number of cables (pcs) x cable diameter (mm)	5 x 10 - 14 4 x 14 - 18 3 x 14 - 22 2 x 24 - 54 -	2 x 3.5 - 11 5 x 10 - 14 12 x 14 - 18 5 x 14 - 22 1 x 14 - 35	50 x 7 - 13 1 x 15 - 25 - - -	1 x 15 - 32 2 x 12 - 18 16 x 10 - 14 14 x 7 - 12 2 x 6 - 10
Total number of cables	14	25	51	35
Mounting hole size	C - FL 21	C - FL 21	C - FL 21	C - FL 21
Weight (g)	199	201	205	220
Package (pcs)	100	100	100	100

Mounting pins are available on request.

Look more about materials at Comparison of materials on page 153.

Dimensions of cable entry plates and mounting hole



Type	Length (A)	Width (B)	Height (C)
LMC (IP44, 54)			
LMC 14 (IP54)	222	92	30
LMC 25 (IP54)	222	92	30
LMC 51 (IP54)	222	92	30
LMC 35 (IP44)	214	84	9,5

- MC 16 (IP54) cable entry plates are designed for route and seal cables without connectors
- The assembly of the MC 16 (IP54) with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane and push the cables through
- MC 16 can be used by two different ways. When the cable entry plate is used "facade" up, it works as a regular IP54 enclosure cable gland plate. When the cable entry plate is used reversed it functions as a piping grommet in dry space switchboards. Pipes lock securely to the seal in the gland plate by the friction of the elastic material
- Suitable for standard cut-outs for FL21. For screwing in place

Advantages

- Fast and easy assembly
- High cable density
- Excellent IP protection when cables are bent
- Screw mounting
- Suitable for both indoor and outdoor use

Technical specifications

- IP rating: IP55
- Material: Thermoplastic elastomer (TPE)
- Material base frame: glass fibre reinforced polypropylene (PP-GF)
- Color: Grey (RAL7035)
- Temperature: -40°C...+100°C
- Properties: Halogen free, Silicone free
- Mounting type: Screw type mounting
- Diam. of screw holes: 9,5 mm

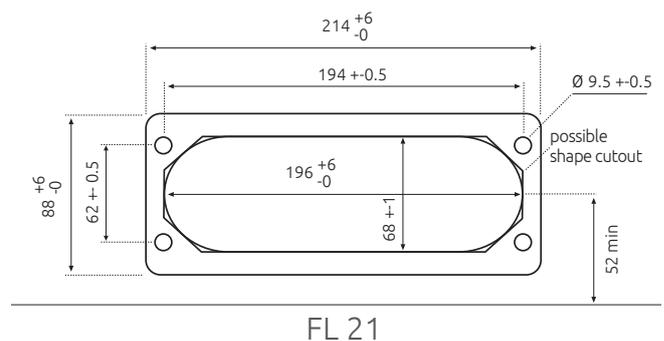
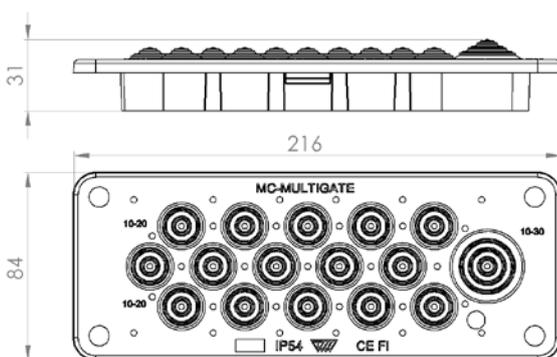


MC 16 (IP54)

Light Grey, RAL 7035 4 plastic pins included	●	MBA1C16L11
Technical data		
Service temperature	-40 to + 100 °C	
Number of cables (pcs) x cable diameter (mm)	15 x 10 - 20 1 x 10 - 30	
Total number of cables	16	
Mounting hole size	C - FL 21	
Weight (g)	120	
Package (pcs)	80	

Mounting pins are available on request.
Look more about materials at Comparison of materials on page 153.

Dimensions of cable entry plates and mounting hole



- MB (IP55, 66/67) cable entry plates are designed for route and seal cables without connectors
- The assembly of the MB (IP55, 66/67) with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane and push the cables through
- Suitable for standard cut-outs for FL13. For screwing in place

Advantages

- Fast and easy assembly
- High cable density
- Dual cable sealing with IP66/IP67
- Excellent IP protection when cables are bent
- Screw mounting
- Suitable for both indoor and outdoor use

Technical specifications

- IP rating: IP55, IP66 and IP67
- Material: Thermoplastic elastomer
- Material base frame: Metal reinforcement electroplated steel
- Color: White or Grey (RAL7035)
- Flame class: UL94-V0, self-extinguishing option available
- Temperature: -40°C...+100 °C
- Properties: Halogen free, Silicone free
- Mounting type: Screw type mounting
- Diam. of screw holes: 7 mm



MB 4/10 (IP55)*



MB 5/11 (IP66/67)*

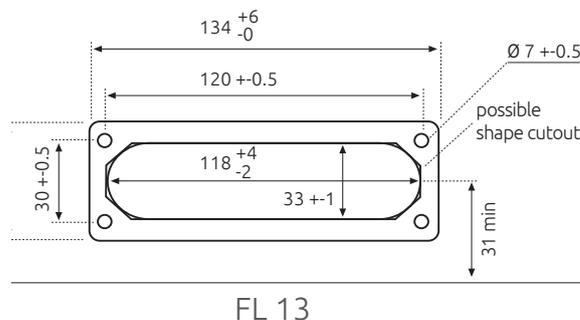
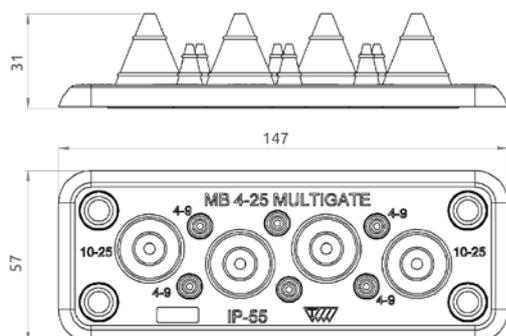
Light Grey RAL 7035	●	-	MBA2N11L11
Light Grey RAL 7035 UL 94 V-0 approved	●	MBA2N10W11	MBA2N11X11
White UL 94 V-0 approved	○	MBA2N12W11	-

Technical data

Service temperature	-40 to + 100 °C	-40 to + 100 °C
Number of cables (pcs) x cable diameter (mm)	4 x 10 - 25 6 x 4 - 9 - -	4 x 5 - 7 3 x 7 - 10 2 x 10 - 14 2 x 15 - 30
Total number of cables	10	11
Mounting hole size	B - FL 13	B - FL 13
Weight (g)	68	86
Package (pcs)	200	200

* For the smaller mounting hole (size B).
Look more about materials at Comparison of materials on page 153.

Dimensions of cable entry plates and mounting hole



Type	Length (A)	Width (B)	Height (C)
MB (IP55, 66/67)			
MB 4/10 (IP55)	138	948	32
MB 5/11 (IP66/67)	147	57	42

Plastic reinforced cable gland suitable for leading through cables and various types of tubing. It matches the cut out dimensions of 10/16/24-pole standard industrial connectors. No separate gasket is needed.

This Multigate gives total protection against ingress of dust and against water splashed from all directions. It is suitable for both indoor and outdoor use. IP classification is IP65, and the materials are fire retardant and halogen free.

Advantages

- Fast and easy assembly
- High cable density
- Dual cable sealing with IP65
- Hygienic design - free of dirt-collecting recesses
- Screw mounting
- Suitable for both indoor and outdoor use

Technical specifications

- IP rating: IP65
- Material: Thermoplastic elastomer
- Material base frame: Glass fiber reinforced polypropylene
- Color: Black or Grey (RAL7035)
- Flame class: UL94-V0, self-extinguishing
- Temperature: -40 °C...+90 °C
- Properties: Halogen free, Silicone free
- Mounting type: Screw type mounting
- Diam. of screw holes: 4,2 mm

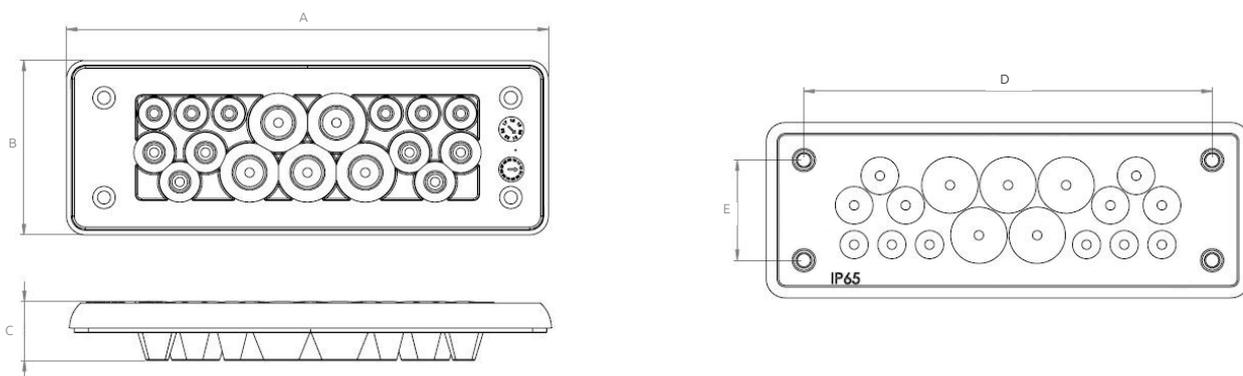


Grey	●	MBA8N12X10	MBA8N17X16	MBA8N17X24
Black	●	MBA8N12B10	MBA8N17B16	MBA8N17B24

Technical data				
Number of cables (pcs) x cable diameter (mm)	5 x 3 - 7 4 x 5 - 10 2 x 7 - 13 1 x 9 - 16	12 x 3 - 7 5 x 7 - 13	6 x 3 - 7 6 x 5 - 10 5 x 9 - 16	
Total number of cables	Total of 12 cables	Total of 17 cables	Total of 17 cables	
Classification	UL 94 V-0	UL 94 V-0	UL 94 V-0	
Weight (g)	48	59	64	
Package (pcs)	100	100	100	

Look more about materials at Comparison of materials on page 153.

Dimensions of cable entry plates and mounting hole



Type	Length (A)	Width (B)	Height (C)	Length 1 (D)	Height 2 (E)
Cable entry plates MHF (IP65)					
MH 10 F 12-1 (IP65)	107	56	18,5	83	32
MH 16 F 17-1 (IP65)	127	56	18,5	103	32
MH 24 F 17-2 (IP65)	154	56	19	130	32

Plastic reinforced cable gland suitable for leading through cables and various types of tubing. It matches the cut out dimensions of 24-pole standard industrial connectors. No separate gasket is needed.

This cable entry plate gives total protection against ingress of dust and against water splashed from all directions. It is suitable for both indoor and outdoor use. IP classification is IP65, and the materials are fire retardant and halogen free.

Advantages

- Fast and easy assembly
- High cable density
- Dual cable sealing with IP65
- Hygienic design - free of dirt-collecting recesses
- Screw mounting
- Suitable for both indoor and outdoor use

Technical specifications

- IP rating: IP65
- Material: Thermoplastic elastomer
- Material base frame: Glass fiber reinforced polypropylene
- Color: Black or Grey (RAL7035)
- Flame class: UL94-V0, self-extinguishing
- Temperature: -40 °C...+90 °C
- Properties: Halogen free, silicone free
- Mounting type: Screw type mounting
- Diam. of screw holes: 4,2 mm



MH 24 F 17-3 (IP65)



MH 24 F 30-1 (IP65)

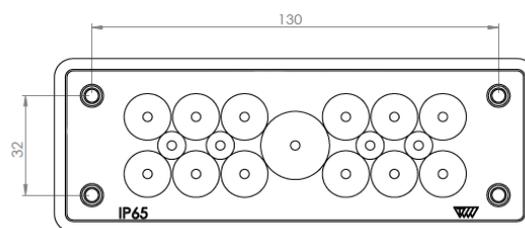
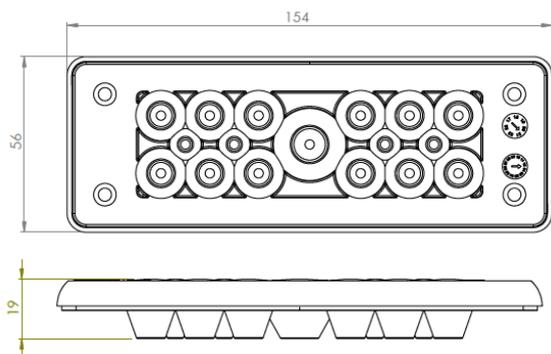
Grey	●	MBA8N17X10	MBA8N30X10
Black	●	MBA8N17B10	MBA8N30B10

Technical data

Dimensions (mm)	154 x 56	154 x 56
Number of cables (pcs) x cable diameter (mm)	4 x 3 - 7 12 x 7 - 12 1 x 10 - 20	30 x 3 - 8
Total number of cables	Total of 17 cables	Total of 30 cables
Classification	UL 94 V-0	UL 94 V-0
Weight (g)	59	71
Package (pcs)	100	100

Look more about materials at Comparison of materials on page 153.

Dimensions of cable entry plates and mounting hole



Plastic reinforced cable gland suitable for leading through cables and various types of tubing. It matches the cut out dimensions of 24-pole standard industrial connectors. No separate gasket is needed.

This cable entry plate gives total protection against ingress of dust and against water splashed from all directions. It is suitable for both indoor and outdoor use. IP classification is IP65, and the materials are fire retardant and halogen free.

Advantages

- Fast and easy assembly
- High cable density
- Dual cable sealing with IP65
- Hygienic design - free of dirt-collecting recesses
- Screw mounting
- Suitable for both indoor and outdoor use

Technical specifications

- IP rating: IP65
- Material: Thermoplastic elastomer
- Material base frame: Glass fiber reinforced polypropylene
- Color: Black or Grey (RAL7035)
- Flame class: UL94-V0, self-extinguishing
- Temperature: -40 °C...+90 °C
- Properties: Halogen free, silicone free
- Mounting type: Screw type mounting
- Diam. of screw holes: 4,2 mm

NEW



MH 24 F 22-1 (IP65)

NEW



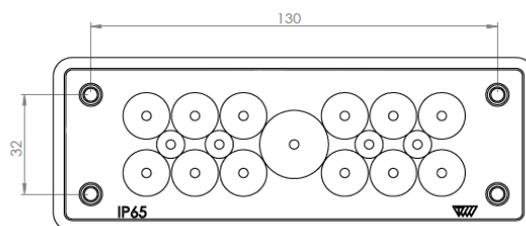
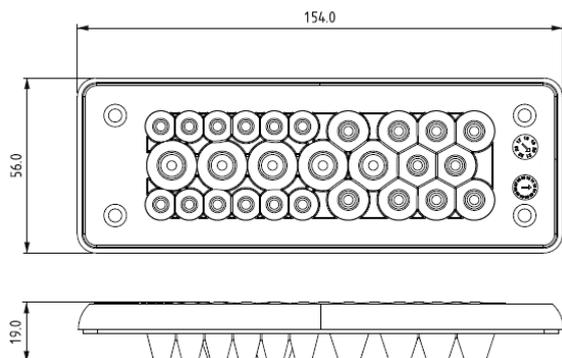
MH 24 F 27-1 (IP65)

Grey	●	MBA8N22X24	MBA8N27X24
Black	●	MBA8N22B24	MBA8N27B24

Technical data		
Dimensions (mm)	154 x 56	154 x 56
Number of cables (pcs) x cable diameter (mm)	15 x 3 - 7 4 x 4,5 - 10 3 x 15 - 20	12 x 3 - 7 10 x 4,5 - 10 5 x 7 - 13
Total number of cables	Total of 22 cables	Total of 27 cables
Classification	UL 94 V-0	UL 94 V-0
Weight (g)	65	70
Package (pcs)	100	100

Look more about materials at Comparison of materials on page 153.

Dimensions of cable entry plates and mounting hole



Cable entry plate RMC (IP65)

Patent-pending solution

Very quick, precise and easy way to insert cables

No need to use cutting, pliers, knives or other tools



- Cable gland plate used as a conductor entry point in an electrical cabinet; the enclosure wall thickness can vary from 1 to 4 mm
- For use with diverse cable sizes in both low and medium voltage power applications
- Suitable for rough industrial conditions indoors as well as extreme climatic conditions outdoors

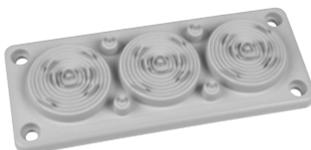
Advantages

- Each cable entry point has a tab that can be peeled off to create an opening for quick insertion and pull-through operations without the need for cutting pliers, knives or other tools
- Pre-embossed, circular entry points guarantee a precise, clean and robust seal around the cable; no additional glands or gaskets required
- A high density of incoming/outgoing conductors can be installed with minimal space requirements

Technical specifications

- Feed-through membrane made of thermoplastic elastomer (TPE) with polypropylene glass fiber reinforcement (PP-GF)
- Cable entry points with various cross-sectional diameters (no pre-attached connectors)
- Available in two colors: black and light grey (RAL7035)
- Designed to match an FL21 flange size cut-out
- Standard M8 bolts used for mounting on the enclosure wall (bolts not included in package)
- High IP65 protection against the ingress of dust and water
- Flammability rating according to UL 94 V-0
- Operational ambient temperature range (material unstressed): -40 °C...+90 °C

NEW



RMC 3 (IP65)

NEW



RMC 17 (IP65)

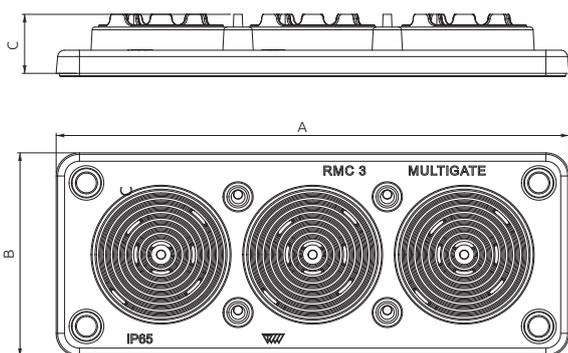
Black (RAL 9005)	●	MBA9N07B11	MBA1N17B11
Grey (RAL 7035)	●	MBA9N07X11	MBA1N17X11

Technical data			
Number of cables (pcs) x cable diameter (mm)	4 x 7-10 3 x 12-57	4 x 5-7 2 x 10-12 2 x 12-15 9 x 10-30	
Total number of cables	7	17	
Dimensions A / B / C (mm)	220 / 88 / 25,5	220 / 88 / 25,5	
Classification	UL 94 V-0	UL 94 V-0	
Weight (g)	131	134	
Package (pcs)	100	100	

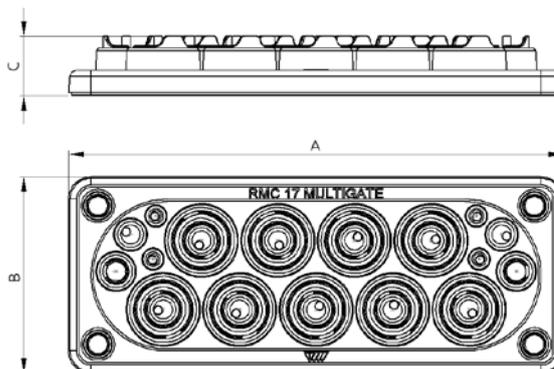
Look more about materials at Comparison of materials on page 153.

Dimensions

RMC 3



RMC 17



- Used as a conductor entry point in an electrical cabinet; the wall thickness can vary from 1-3,5 mm
- For use with diverse cable sizes in both low and medium voltage power applications
- Suitable for rough industrial conditions indoors as well as extreme climatic conditions outdoors

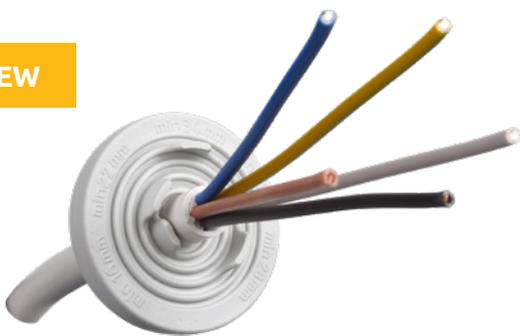
Advantages

- Each RGD has several cable entry points - tabs - that can be peeled off to create an opening for quick insertion and pull-through operations without the need for cutting pliers, knives or other tools
- Each tab has marking of cable diameter matching it written next to it
- Pre-embossed, circular entry points guarantee a precise, clean and robust seal around the cable; no additional glands or gaskets required

Technical specifications

- Made of thermoplastic elastomer (TPE)
- Designed to match M40, M50 and M60 size cut-out and diameter range from 10 to 54 mm:
 - o M40: 10-34 mm cable
 - o M50: 12-44 mm cable
 - o M60: 12-54 mm cable
- Available in two colors: black and light grey (RAL7035)
- High IP64 protection against the ingress of dust and water
- Flammability rating according to UL 94 V-0
- Operational ambient temperature range (material unstressed): -40 °C...+100 °C

NEW



Order code	Type	Cable diameter (mm)	Color	Shade	Classification	Dimensions (mm)					Weight (g)	Package (pcs)
						A	B	C	D	E		
MBB0540B11	T-RGDM 40	10-34	Black	● RAL 9005	UL 94 V-0	34 mm	40 mm	47 mm	16 mm	1,5-3 mm	10	400
MBB0540X11			Grey	● RAL 7035	UL 94 V-0							
MBB0550B11	T-RGDM 50	12-44	Black	● RAL 9005	UL 94 V-0	44 mm	50 mm	57 mm	16 mm	1,5-3 mm	13,2	250
MBB0550X11			Grey	● RAL 7035	UL 94 V-0							
MBB0560B11	T-RGDM 60	12-54	Black	● RAL 9005	UL 94 V-0	54 mm	60 mm	67 mm	16 mm	1,5-3 mm	16,4	200
MBB0560X11			Grey	● RAL 7035	UL 94 V-0							

Look more about materials at Comparison of materials on page 153.

Dimensions

