



Cable Entry Solutions

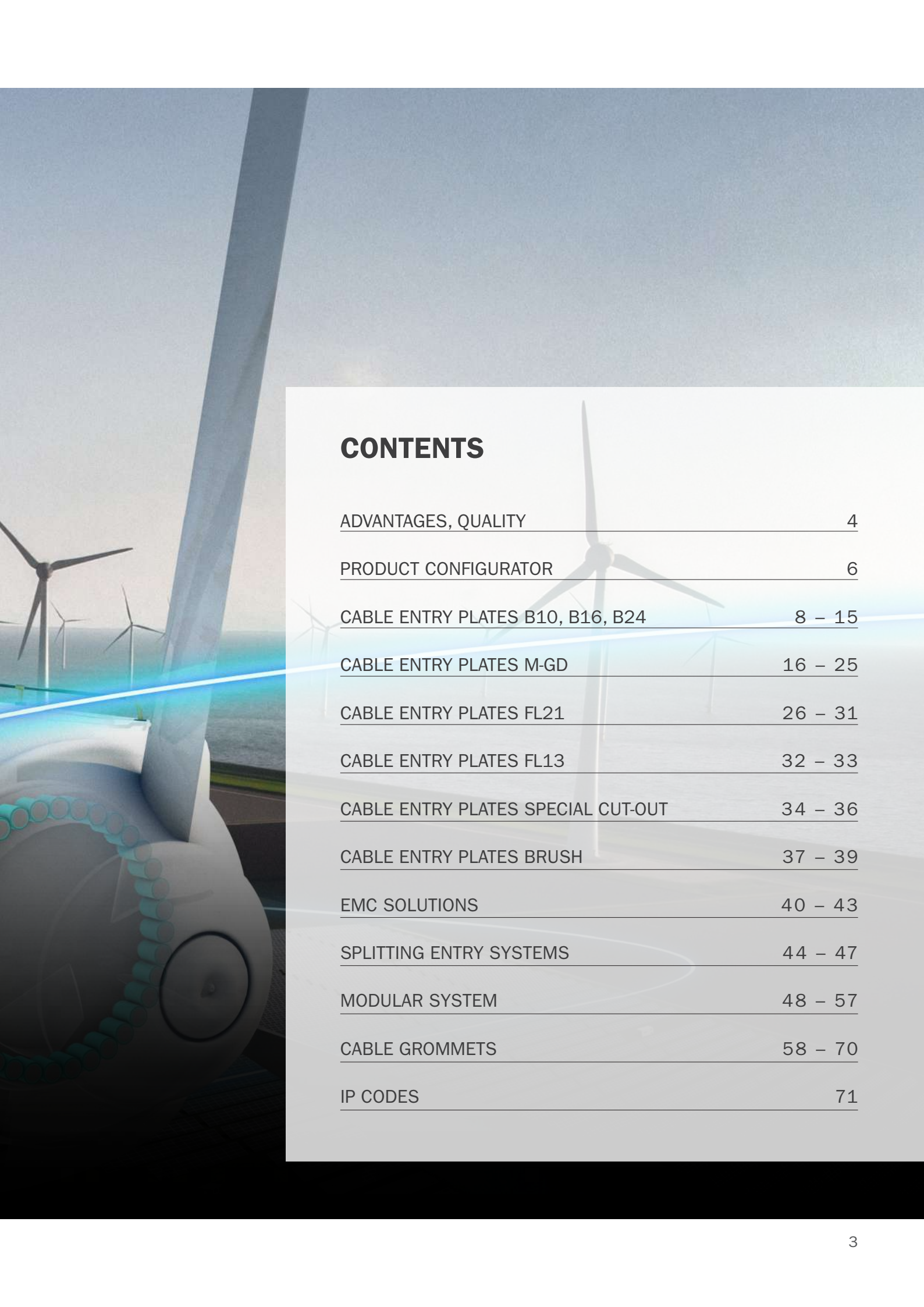
PRODUCT PORTFOLIO

Designed for your industry



A global leader in polymer engineering, Trelleborg Cable Entry Solutions specializes in the protection of cables to the world's most important equipment and infrastructure. Calling on over 100 years of experience, we deliver off-the-shelf products and bespoke solutions which add value to your operations. Found in everything from stationary and mobile installations through to machine tools and processing equipment, all our solutions are modeled, tested and certified to perform in the most demanding environments. Our reputation rests on our ability to deliver compliant and pioneering solutions which enhance equipment while reducing downtime, maintenance and long-term cost of ownership.

Welcome to the frontline of innovation. Welcome to Trelleborg.



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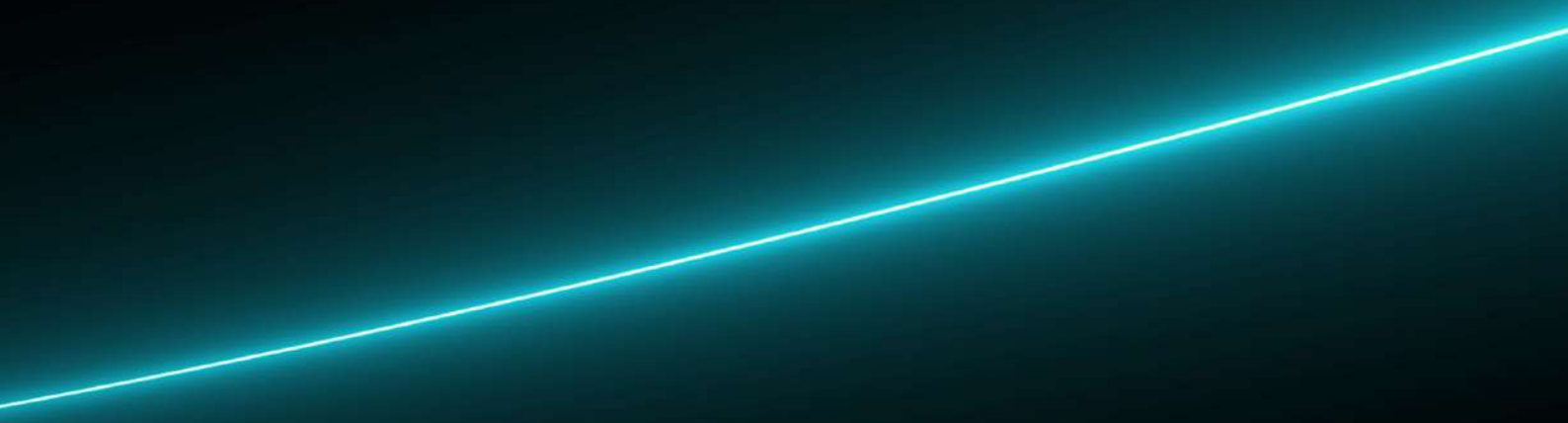


Advantages

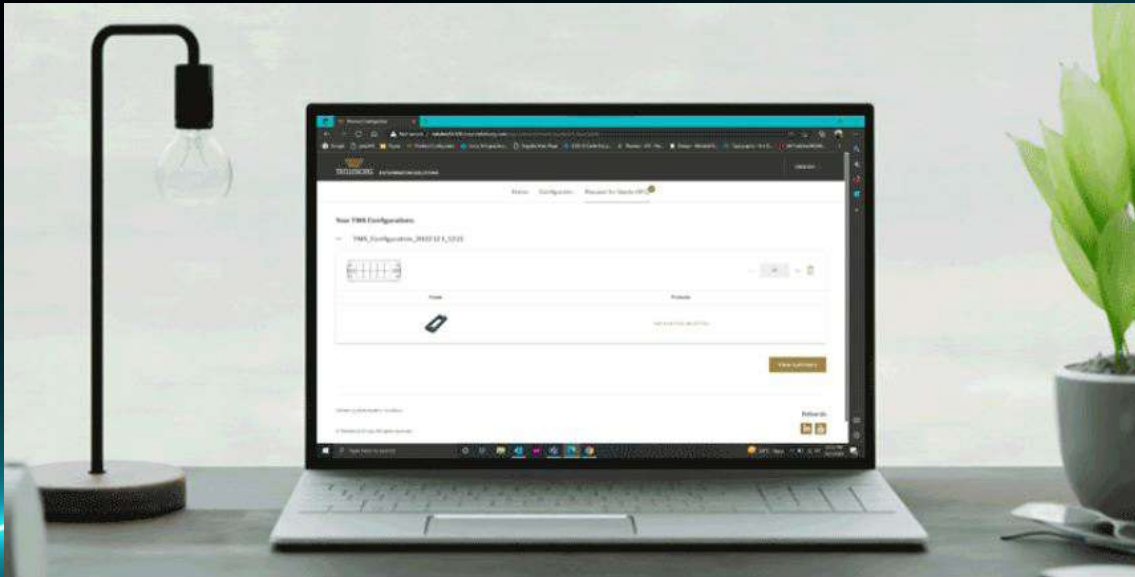
- **Complete portfolio.** With our wide range of custom cable entry solutions matched by industry-leading expertise in this highly specialized niche, we're there to help you select the best system for your needs.
- **Connections.** We help you connect not just data and power, but your project chain and the people in it – making us a crucial link in joining everything up.
- **Protection.** With high-integrity polymer products that keep your cables, equipment, and operation working safely and efficiently.
- **Support.** Our global support network means we're accessible in all territories. Wherever you are, you'll have access to local engineering support and a robust and reliable supply chain.
- **Peace of mind.** Fully tested and compliant with all international standards, our market-leading solutions meet the high levels of safety and reassurance that the industrial industry demands.

Quality

Our high-quality products are the result of over 100 years' experience in the industrial sector. They're manufactured in world-class plants with superior materials and technology, and they're tested using sophisticated software and technology to ensure a lifetime of reliable performance. What's more, as part of a major international group, Trelleborg Cable Entry Solutions offers you the reassurance of financial strength, global support and ongoing investment in quality and testing.



Product Configurator



CABLE ENTRY SOLUTIONS PRODUCT SELECTION MADE EASY WITH OUR SMART CONFIGURATOR.

With over 1,000 potential configurations it is the solution that offers maximum flexibility in electrical design, installation and service. You can create your own system depending on your requirements for number of cables and diameters, replace grommets later on if needed and use pre-assembled cables with connectors.



Create your own configuration
Scan QR code

Cable Entry Plates B10, B16, B24



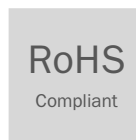
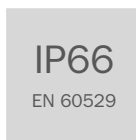
The cable entries within the “industrial connector series” align seamlessly with the cut-out dimensions of 10, 16, and 24-pin standards. Specifically engineered as an entry and fastening system for unassembled cables, tubes, and hoses, these entries offer a high cable density solution. This design facilitates the swift and efficient routing of cables into control cabinets, panels, or machines, streamlining the installation process for enhanced connectivity in industrial settings.

Advantages

- Fast and easy assembly
- High cable density
- Double sealing with high IP protection
- Hygienic design with a flat surface structure
- Suitable for both indoor and outdoor use

Technical Specifications

- Material: thermoplastic elastomer and fiberglass reinforced plastic
- Material properties: UL94 V-0, halogen-free
- Colour: light grey and black
- Material service temperature (unstressed): -40°C...+90°C

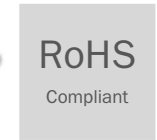
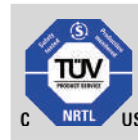


Cable Entry Plates for B10 cut-out

MH10 F12-1	Art. No.	Description	Box size	Packing
 Dimensions: 107 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 5 x 3mm - 7mm 4 x 5mm - 10mm 2 x 7mm - 13mm 1 x 9mm - 16mm Total of 12 cables	107294	MH-10 F 12-1 LIGHT GREY UL94 V-0	100	Bulk
	107294B	MH-10 F 12-1 LIGHT GREY UL94 V-0	80	Single
	107293	MH-10 F 12-1 BLACK UL94 V-0	100	Bulk
	107293B	MH-10 F 12-1 BLACK UL94 V-0	80	Single

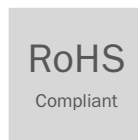
Cable Entry Plates for B16 cut-out

MH16 F17-1	Art. No.	Description	Box size	Packing
 Dimensions: 127 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 12 x 3mm - 7mm 5 x 7mm - 13mm Total of 17 cables	107295	MH-16 F 17-1 LIGHT GREY UL94 V-0	100	Bulk
	107295B	MH-16 F 17-1 LIGHT GREY UL94 V-0	80	Single
	107292	MH-16 F 17-1 BLACK UL94 V-0	100	Bulk
	107292B	MH-16 F 17-1 BLACK UL94 V-0	80	Single



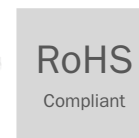
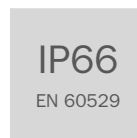
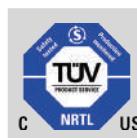
Cable Entry Plates for B24 cut-out

MH24 F17-2		Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 6 x 3mm - 7mm 6 x 5mm - 10mm 5 x 9mm - 16mm Total of 17 cables		107296	MH-24 F 17-2 LIGHT GREY UL94 V-0	100	Bulk
		107296B	MH-24 F 17-2 LIGHT GREY UL94 V-0	80	Single
		107291	MH-24 F 17-2 BLACK UL94 V-0	100	Bulk
		107291B	MH-24 F 17-2 BLACK UL94 V-0	80	Single
MH24 F17-3		Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 4 x 3mm - 7mm 12 x 7mm - 12mm 1 x 10mm - 20mm Total of 17 cables		107466	MH-24 F 17-3 LIGHT GREY UL94 V-0	100	Bulk
		107466B	MH-24 F 17-3 LIGHT GREY UL94 V-0	80	Single
		107472	MH-24 F 17-3 BLACK UL94 V-0	100	Bulk
		107472B	MH-24 F 17-3 BLACK UL94 V-0	80	Single
MH24 F19-1		Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 5 x 1,5mm - 3mm 10 x 3,2mm - 6,5mm 4 x 16mm - 22mm Total of 19 cables		107558	MH-24 F 19-1 LIGHT GREY UL94 V-0	100	Bulk
		107558B	MH-24 F 19-1 LIGHT GREY UL94 V-0	80	Single
		107653	MH-24 F 19-1 BLACK UL94 V-0	100	Bulk
		107653B	MH-24 F 19-1 BLACK UL94 V-0	80	Single



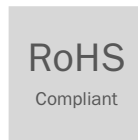
Cable Entry Plates for B24 cut-out

MH24 F20-1		Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 6 x 1,5mm - 3mm 14 x 7,2mm - 12mm Total of 20 cables		107559	MH-24 F 20-1 LIGHT GREY UL94 V-0	100	Bulk
		107559B	MH-24 F 20-1 LIGHT GREY UL94 V-0	80	Single
		107654	MH-24 F 20-1 BLACK UL94 V-0	100	Bulk
		107654B	MH-24 F 20-1 BLACK UL94 V-0	80	Single
MH24 F22-1		Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 15 x 3mm - 7mm 4 x 4,5mm - 10mm 3 x 15mm - 20mm Total of 22 cables		107481	MH-24 F 22-1 LIGHT GREY UL94 V-0	100	Bulk
		107481B	MH-24 F 22-1 LIGHT GREY UL94 V-0	80	Single
		107513	MH-24 F 22-1 BLACK UL94 V-0	100	Bulk
		107513B	MH-24 F 22-1 BLACK UL94 V-0	80	Single
MH24 F23-1		Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 4 x 1,5mm - 3mm 4 x 3,2mm - 6,3mm 10 x 4mm - 7,5mm 1 x 5,5mm - 10,5mm 1 x 8mm - 12,5mm 3 x 12mm - 16,2mm Total of 23 cables		107555	MH-24 F 23-1 LIGHT GREY UL94 V-0	100	Bulk
		107555B	MH-24 F 23-1 LIGHT GREY UL94 V-0	80	Single
		107652	MH-24 F 23-1 BLACK UL94 V-0	100	Bulk
		107652B	MH-24 F 23-1 BLACK UL94 V-0	80	Single



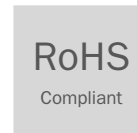
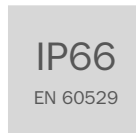
Cable Entry Plates for B24 cut-out

MH24 F23-2		Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 4 x 1,5mm - 3mm 6 x 3,2mm - 6,3mm 2 x 4mm - 7,5mm 1 x 5,5mm - 10,5mm 10 x 8mm - 12,5mm Total of 23 cables		107556	MH-24 F 23-2 LIGHT GREY UL94 V-0	100	Bulk
		107556B	MH-24 F 23-2 LIGHT GREY UL94 V-0	80	Single
		107657	MH-24 F 23-2 BLACK UL94 V-0	100	Bulk
		107657B	MH-24 F 23-2 BLACK UL94 V-0	80	Single
MH24 F27-1		Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 12 x 3mm - 7mm 10 x 4,5mm - 10mm 5 x 7mm - 13mm Total of 27 cables		107480	MH-24 F 27-1 LIGHT GREY UL94 V-0	100	Bulk
		107480B	MH-24 F 27-1 LIGHT GREY UL94 V-0	80	Single
		107512	MH-24 F 27-1 BLACK UL94 V-0	100	Bulk
		107512B	MH-24 F 27-1 BLACK UL94 V-0	80	Single
MH24 F30-1		Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 30 x 3mm - 8mm Total of 30 cables		107465	MH-24 F 30-1 LIGHT GREY UL94 V-0	100	Bulk
		107465B	MH-24 F 30-1 LIGHT GREY UL94 V-0	80	Single
		107471	MH-24 F 30-1 BLACK UL94 V-0	100	Bulk
		107471B	MH-24 F 30-1 BLACK UL94 V-0	80	Single



Cable Entry Plates for B24 cut-out

MH24 F30-2	Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 8 x 1,5mm - 3mm 8 x 3,2mm - 5,5mm 6 x 4mm - 7,5mm 6 x 5mm - 8,5mm 2 x 9,5mm - 14,5mm Total of 30 cables	107554	MH-24 F 30-2 LIGHT GREY UL94 V-0	100	Bulk
	107554B	MH-24 F 30-2 LIGHT GREY UL94 V-0	80	Single
	107658	MH-24 F 30-2 BLACK UL94 V-0	100	Bulk
	107658B	MH-24 F 30-2 BLACK UL94 V-0	80	Single
MH24 F30-3	Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 6 x 1,5mm - 3mm 4 x 3,2mm - 6,3mm 14 x 4mm - 7,5mm 2 x 8mm - 12,5mm 4 x 5,5mm - 10,5mm Total of 22 cables	107557	MH-24 F 30-3 LIGHT GREY UL94 V-0	100	Bulk
	107557B	MH-24 F 30-3 LIGHT GREY UL94 V-0	80	Single
	107659	MH-24 F 30-3 BLACK UL94 V-0	100	Bulk
	107659B	MH-24 F 30-3 BLACK UL94 V-0	80	Single
MH24 F31-1	Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 20 x 3,2mm - 6,5mm 8 x 5mm - 10,2mm 3 x 7,5mm - 12mm Total of 31 cables	107561	MH-24 F 31-1 LIGHT GREY UL94 V-0	100	Bulk
	107561B	MH-24 F 31-1 LIGHT GREY UL94 V-0	80	Single
	107655	MH-24 F 31-1 BLACK UL94 V-0	100	Bulk
	107655B	MH-24 F 31-1 BLACK UL94 V-0	80	Single



Cable Entry Plates for B24 cut-out

MH24 F42-1	Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 42 x 3,2mm - 6,5mm Total of 42 cables	107560	MH-24 F 42-1 LIGHT GREY UL94 V-0	100	Bulk
	107560B	MH-24 F 42-1 LIGHT GREY UL94 V-0	80	Single
	107656	MH-24 F 42-1 BLACK UL94 V-0	100	Bulk
	107656B	MH-24 F 42-1 BLACK UL94 V-0	80	Single
MH24 F125-1	Art. No.	Description	Box size	Packing
 Dimensions: 154 x 56 x 19mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 123 x 1,5mm - 3mm 2 x 2,5mm - 5mm Total of 125 cables	107562	MH-24 F 125-1 LIGHT GREY UL94 V-0	100	Bulk
	107562B	MH-24 F 125-1 LIGHT GREY UL94 V-0	80	Single
	107651	MH-24 F 125-1 BLACK UL94 V-0	100	Bulk
	107651B	MH-24 F 125-1 BLACK UL94 V-0	80	Single

CABLE/ TUBE DIAMETER	MH-10 F12-1	MH-16 F17-1	MH-24 F17-2	MH-24 F17-3	MH-24 F22-1	MH-24 F27-1	MH-24 F30-1	MH-24 F19-1	MH-24 F20-1	MH-24 F23-1	MH-24 F23-2	MH-24 F30-2	MH-24 F30-3	MH-24 F31-1	MH-24 F42-1	MH24 F125-1
1.5-3mm								5	6	4	4	8	6			123
2.5-5mm																2
3-7mm	5	12	6	4	15	12										
3-8mm							30									
3.2-5.5mm												8				
3.2-6.3mm										4	6		4			
3.2-6.5mm								10						20	42	
4-7.5mm										10	2	6	14			
4.5-10mm					4	10										
5-8.5mm												6				
5-10mm	4		6													
5-10.2mm														8		
5.5-10.5mm										1	1		4			
7-13mm	2	5				5										
7-12mm				12												
7.2-12mm									14							
7.5-12mm														3		
8-12.5mm										1	10		2			
9-16mm	1		5													
9.5-14.5mm												2				
10-20mm				1												
12-16.2mm										3						
15-20mm					3											
16-22mm								4								

Cable Entry Plates

M-GD



The cable entries of the new M-GD serie match the cut-out dimensions from M20 to M50 with a various combinations of cable solutions. They have been designed as an entry system for unassembled cables, tubes and hoses. These high cable density entries enable fast routing of cables into control cabinets, panels or machines and thanks to the flexible outer lip design, can be installed into cabinet walls with thickness variable from 1 to 4mm.

Advantages

- Fast and easy assembly
- High cable density
- High IP protection (P65)
- Hygienic design with a flat surface structure
- Designed for cabinet walls of 1 to 4mm thickness in one product
- Suitable for both indoor and outdoor use

Technical Specifications

- Material: thermoplastic elastomer and fiberglass reinforced plastic
- Material properties: UL94 V-0, halogen-free
- Colour: light grey and black
- Material service temperature (unstressed): -40°C...+90°C

IP65
EN 60529



RoHS
Compliant



Cable Entry Plates M-GD

M-GD 20-4	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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Material: TPE

Colour: Light grey

Dimensions:
32.2 x 13mm

Flammability classification:
UL94 V-0

Degree of protection: IP65

Installation range (Ø):

4 x 1mm - 5,2mm

Total of 4 cables

107941

M-GD 20-4
LIGHT GREY UL94 V-0

M20

Ø20.5mm

1-4mm

M-GD 20-4.1	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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Material: TPE

Colour: Light grey

Dimensions:
32.2 x 13mm

Flammability classification:
UL94 V-0

Degree of protection: IP65

Installation range (Ø):

2 x 1mm - 8mm

2 x 1mm - 4,5mm

Total of 4 cables

107942

M-GD 20-4.1 LIGHT GREY
UL94 V-0

M20

Ø20.5mm

1-4mm

M-GD 20-5	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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Material: TPE

Colour: Light grey

Dimensions:
32.2 x 13mm

Flammability classification:
UL94 V-0

Degree of protection: IP65

Installation range (Ø):

1 x 1mm - 10,6mm

2 x 1mm - 4,6mm

2 x 1mm - 3,6mm

Total of 5 cables

107943

M-GD 20-5 LIGHT GREY
UL94 V-0

M20

Ø20.5mm

1-4mm



IP65
EN 60529



RoHS
Compliant



cULUS

Cable Entry Plates M-GD

M-GD 20-9	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
 Material: TPE Colour: Light grey Dimensions: 32.2 x 13mm Flammability classification: UL94 V-0 Degree of protection: IP65 Installation range (Ø): 5 x 1mm - 4,6mm 4 x 1mm - 3,6mm Total of 9 cables	107944	M-GD 20-9 LIGHT GREY UL94 V-0	M20	Ø20.5mm	1-4mm
M-GD 25-4	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
 Material: TPE Colour: Light grey Dimensions: 37.2 x 13mm Flammability classification: UL94 V-0 Degree of protection: IP65 Installation range (Ø): 4 x 1mm - 8mm Total of 4 cables	107945	M-GD 25-4 LIGHT GREY UL94 V-0	M25	Ø25.5mm	1-4mm
M-GD 25-6	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
 Material: TPE Colour: Light grey Dimensions: 37.2 x 13mm Flammability classification: UL94 V-0 Degree of protection: IP65 Installation range (Ø): 4 x 1mm - 5,2 mm 2 x 1mm - 9,4 mm Total of 6 cables	107946	M-GD 25-6 LIGHT GREY UL94 V-0	M25	Ø25.5mm	1-4mm

IP65
EN 60529



RoHS
Compliant



Cable Entry Plates M-GD

M-GD 25-7	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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Material: TPE

Colour: Light grey

Dimensions:
37.2 x 13mm

Flammability classification:
UL94 V-0

Degree of protection: IP65

Installation range (Ø):
7 x 1mm - 5,5 mm
Total of 7 cables

107947

M-GD 25-7 LIGHT GREY
UL94 V-0

M25

Ø25.5mm

1-4mm

M-GD 32-7	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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Material: TPE

Colour: Light grey

Dimensions:
44.2 x 13mm

Flammability classification:
UL94 V-0

Degree of protection: IP65

Installation range (Ø):
7 x 1mm - 8 mm
Total of 7 cables

107948

M-GD 32-7 LIGHT GREY
UL94 V-0

M32

Ø32.5mm

1-4mm

M-GD 32-10	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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Material: TPE

Colour: Light grey

Dimensions:
44.2 x 13mm

Flammability classification:
UL94 V-0

Degree of protection: IP65

Installation range (Ø):
6 x 1mm - 5,2 mm
2 x 1mm - 6,4 mm
2 x 1mm - 9,4 mm
Total of 10 cables

107949

M-GD 32-10 LIGHT GREY
UL94 V-0

M32

Ø32.5mm

1-4mm



IP65
EN 60529



RoHS
Compliant



Cable Entry Plates M-GD

M-GD 32-10.2	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
 Material: TPE Colour: Light grey Dimensions: 44.2 x 13mm Flammability classification: UL94 V-0 Degree of protection: IP65 Installation range (Ø): 10 x 1mm - 6,4 mm Total of 10 cables	107950	M-GD 32-10.2 LIGHT GREY UL94 V-0	M32	Ø32.5mm	1-4mm
M-GD 32-11	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
 Material: TPE Colour: Light grey Dimensions: 44.2 x 13mm Flammability classification: UL94 V-0 Degree of protection: IP65 Installation range (Ø): 2 x 1mm - 8 mm 9 x 1mm - 5,2 mm Total of 11 cables	107951	M-GD 32-11 LIGHT GREY UL94 V-0	M32	Ø20.5mm	1-4mm
M-GD 32-13	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
 Material: TPE Colour: Light grey Dimensions: 44.2 x 13mm Flammability classification: UL94 V-0 Degree of protection: IP65 Installation range (Ø): 13 x 1mm - 5,2 mm Total of 13 cables	107952	M-GD 32-13 LIGHT GREY UL94 V-0	M32	Ø32.5mm	1-4mm

IP65
EN 60529RoHS
Compliant

Cable Entry Plates M-GD

M-GD 40-9	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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**Material:** TPE**Colour:** Light grey**Dimensions:**
52.2 x 13mm**Flammability classification:**
UL94 V-0**Degree of protection:** IP65**Installation range (Ø):**

8 x 1mm - 9,5mm

1 x 1mm - 11,3mm

Total of 9 cables

107953

M-GD 40-9 LIGHT GREY
UL94 V-0

M40

Ø40.5mm

1-4mm

M-GD 40-16	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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**Material:** TPE**Colour:** Light grey**Dimensions:**
52.2 x 13mm**Flammability classification:**
UL94 V-0**Degree of protection:** IP65**Installation range (Ø):**

2 x 1mm - 5,3 mm

10 x 1mm - 6,3 mm

2 x 1mm - 9,5 mm

2 x 1mm - 11,3 mm

Total of 16 cables

107954

M-GD 40-16 LIGHT GREY
UL94 V-0

M40

Ø40.5mm

1-4mm

M-GD 40-17	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
------------	----------	-------------	---------	-----------	-----------------

**Material:** TPE**Colour:** Light grey**Dimensions:**
52.2 x 13mm**Flammability classification:**
UL94 V-0**Degree of protection:** IP65**Installation range (Ø):**

1 x 1mm - 4 mm

16 x 1mm - 7,2 mm

Total of 17 cables

107955

M-GD 40-17 LIGHT GREY
UL94 V-0

M40

Ø40.5mm

1-4mm



IP65
EN 60529



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Cable Entry Plates M-GD

M-GD 50-9	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
		Material: TPE			
		Colour: Light grey			
		Dimensions: 62.2 x 13mm			
		Flammability classification: UL94 V-0			
		Degree of protection: IP65			
		Installation range (Ø): 5 x 1mm - 7 mm 4 x 1mm - 18 mm Total of 9 cables			
	107956	M-GD 50-9 LIGHT GREY UL94 V-0	M50	Ø50.5mm	1-4mm
M-GD 50-11	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
		Material: TPE			
		Colour: Light grey			
		Dimensions: 62.2 x 13mm			
		Flammability classification: UL94 V-0			
		Degree of protection: IP65			
		Installation range (Ø): 7 x 1mm - 7,2 mm 3 x 1mm - 11,2 mm 1 x 1mm - 22,5 mm Total of 11 cables			
	107957	M-GD 50-11 LIGHT GREY UL94 V-0	M50	Ø50.5mm	1-4mm
M-GD 50-12	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
		Material: TPE			
		Colour: Light grey			
		Dimensions: 62.2 x 13mm			
		Flammability classification: UL94 V-0			
		Degree of protection: IP65			
		Installation range (Ø): 10 x 1mm - 9,2 mm 2 x 1mm - 11,2 mm Total of 12 cables			
	107958	M-GD 50-12 LIGHT GREY UL94 V-0	M50	Ø50.5mm	1-4mm

IP65
EN 60529RoHS
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Cable Entry Plates M-GD

M-GD 50-16	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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**Material:** TPE**Colour:** Light grey**Dimensions:**
62.2 x 13mm**Flammability classification:**
UL94 V-0**Degree of protection:** IP65**Installation range (Ø):**

4 x 1mm - 5,3 mm

5 x 1mm - 6,3 mm

3 x 1mm - 9,5 mm

4 x 1mm - 11,3 mm

Total of 16 cables

107959

M-GD 50-16 LIGHT GREY
UL94 V-0

M50

Ø50.5mm

1-4mm

M-GD 50-18	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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**Material:** TPE**Colour:** Light grey**Dimensions:**
62.2 x 13mm**Flammability classification:**
UL94 V-0**Degree of protection:** IP65**Installation range (Ø):**

2 x 1mm - 4 mm

2 x 1mm - 6 mm

4 x 1mm - 7,2 mm

5 x 1mm - 9,4 mm

5 x 1mm - 12 mm

Total of 18 cables

107960

M-GD 50-18 LIGHT GREY
UL94 V-0

M50

Ø50.5mm

1-4mm

M-GD 50-20	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
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**Material:** TPE**Colour:** Light grey**Dimensions:**
62.2 x 13mm**Flammability classification:**
UL94 V-0**Degree of protection:** IP65**Installation range (Ø):**

16 x 1mm - 6,5mm

4 x 1mm - 9,5mm

Total of 20 cables

107961

M-GD 50-20 LIGHT GREY
UL94 V-0

M50

Ø50.5mm

1-4mm



IP65
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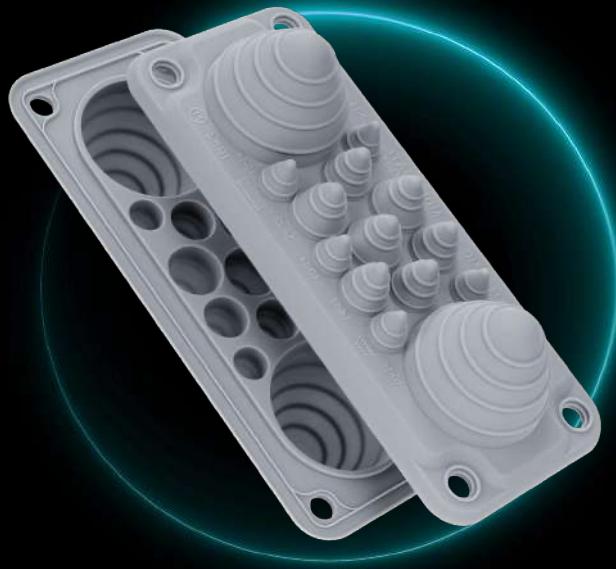
Cable Entry Plates **M-GD**

M-GD 50-35	Art. No.	Description	Cut-out	Cut-out Ø	Plate thickness
		Material: TPE			
		Colour: Light grey			
		Dimensions: 62.2 x 13mm			
		Flammability classification: UL94 V-0			
		Degree of protection: IP65			
	107962	M-GD 50-35 LIGHT GREY UL94 V-0	M50	Ø50.5mm	1-4mm
		Installation range (Ø): 35 x 1mm - 5,2 mm			
		Total of 35 cables			

CABLE/ TUBE DIAMETER	M-GD 20-4	M-GD 20-4.1	M-GD 20-5	M-GD 20-9	M-GD 25-4	M-GD 25-6	M-GD 25-7	M-GD 32-7	M-GD 32-10	M-GD 32-10.2	M-GD 32-11	M-GD 32-13	M-GD 40-9	M-GD 40-16	M-GD 40-17	M-GD 50-9	M-GD 50-11	M-GD 50-12	M-GD 50-16	M-GD 50-18	M-GD 50-20	M-GD 50-35
1-3.6mm			2	4																		
1-4mm															1					2		
1-4.5mm		2																				
1-4.6mm			2	5																		
1-5.2mm	4					4	7		6		9	13										35
1-5.3mm														2					4			
1-6mm																				2		
1-6.3mm														10					5		16	
1-6.4mm									2	10												
1-7mm																5						
1-7.2mm															16		7			4		
1-8mm		2			4			7			2											
1-9.2mm																		10				
1-9.3mm																					4	
1-9.4mm						2			2											5		
1-9.5mm													8	2					3			
1-10.6mm			1																			
1-11.2mm																	3	2				
1-11.3mm													1	2					4			
1-12mm																				5		
1-18mm																4						
1-22.5 mm																	1					

Cable Entry Plates

FL 21



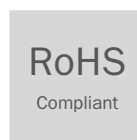
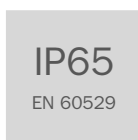
The FL21, often identified as the C size cut-out, is extensively utilized, particularly in northern Europe. A zinc-coated steel metal insert is employed to fortify the structure. These membrane-based cable entry plates are purposefully crafted for use with cables lacking connectors, as well as tubes, and pneumatic or hydraulic hoses, providing a versatile and durable solution.

Advantages

- Fast and easy assembly
- High cable density
- Double sealing with excellent IP protection
- Suitable for both indoor and outdoor use

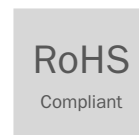
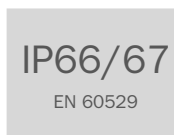
Technical Specifications

- Material: thermoplastic elastomer
- Material properties: UL94 V-0
- Material reinforcement: zinc coated steel
- Colour: light grey and black
- Material service temperature (unstressed): -40°C...+100°C
- Non-UL material versions available on request



Cable Entry Plates for FL21 cut-out

MC3		Art. No.	Description	Box size	Packing
 Dimensions: 214 x 84 x 37mm Flammability classification: UL94 V-0 Degree of protection: IP65 Installation range (Ø): 4 x 8mm - 12mm 2 x 24mm - 54mm 1 x 30mm - 60mm Total of 7 cables		100235	MC3 BLACK UL94 V-0	100	Bulk
		100235B	MC3 BLACK UL94 V-0	80	Single
		107610	MC3 LIGHT GREY UL94 V-0	100	Bulk
		107610B	MC3 LIGHT GREY UL94 V-0	80	Single
MC25		Art. No.	Description	Box size	Packing
 Dimensions: 216 x 84 x 24mm Flammability classification: UL94 V-0 Degree of protection: IP65 Installation range (Ø): 4 x 5mm - 7mm 4 x 8mm - 12mm 12 x 10mm - 14mm 4 x 14mm - 22mm 1 x 20mm - 26mm Total of 25 cables		100239	MC25 BLACK UL94 V-0	100	Bulk
		100239B	MC25 BLACK UL94 V-0	80	Single
		107611	MC25 LIGHT GREY UL94 V-0	100	Bulk
		107611B	MC25 LIGHT GREY UL94 V-0	80	Single
MC35		Art. No.	Description	Box size	Packing
 Dimensions: 216 x 84 x 31mm Flammability classification: UL94 V-0 Degree of protection: IP65 Installation range (Ø): 2 x 6mm - 10mm 14 x 7mm - 12mm 16 x 10mm - 14mm 2 x 12mm - 18mm 1 x 17mm - 32mm Total of 35 cables		100245	MC35 BLACK UL94 V-0	100	Bulk
		100245B	MC35 BLACK UL94 V-0	80	Single
		107612	MC35 LIGHT GREY UL94 V-0	100	Bulk
		107612B	MC35 LIGHT GREY UL94 V-0	80	Single



Cable Entry Plates for FL21 cut-out

MC3/7		Art. No.	Description	Box size	Packing
	Dimensions: 222 x 92 x 76mm Flammability classification: UL94 V-0 Degree of protection: IP66/67 Installation range (Ø): 2 x 24mm - 54mm 1 x 30mm - 60mm 4 x 10mm - 14mm Total of 7 cables	105041	MC3/7 LIGHT GREY UL94 V-0	60	Bulk
		105041B	MC3/7 LIGHT GREY UL94 V-0	40	Single
		103580	MC3/7 BLACK UL94 V-0	60	Bulk
		103580B	MC3/7 BLACK UL94 V-0	40	Single
MC25/27		Art. No.	Description	Box size	Packing
	Dimensions: 222 x 92 x 43mm Flammability classification: UL94 V-0 Degree of protection: IP66/67 Installation range (Ø): 4 x 5mm - 7mm 4 x 8mm - 12mm 13 x 10mm - 14mm 4 x 14mm - 20mm 2 x 20mm - 26mm Total of 27 cables	105042	MC25/27 LIGHT GREY UL94 V-0	60	Bulk
		105042B	MC25/27 LIGHT GREY UL94 V-0	40	Single
		103586	MC25/27 BLACK UL94 V-0	60	Bulk
		103586B	MC25/27 BLACK UL94 V-0	40	Single
MC35/37		Art. No.	Description	Box size	Packing
	Dimensions: 222 x 92 x 43mm Flammability classification: UL94 V-0 Degree of protection: IP66/67 Installation range (Ø): 4 x 6mm - 10mm 14 x 8mm - 12mm 16 x 10mm - 14mm 2 x 12mm - 18mm 1 x 17mm - 32mm Total of 37 cables	105043	MC35/37 LIGHT GREY UL94 V-0	60	Bulk
		105043B	MC35/37 LIGHT GREY UL94 V-0	40	Single
		103591	MC35/37 BLACK UL94 V-0	60	Bulk
		103591B	MC35/37 BLACK UL94 V-0	40	Single



IP54
EN 60529



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Compliant



Cable Entry Plates for FL21 cut-out

LMC 14		Art. No.	Description	Box size	Packing
	Dimensions: 222 x 92 x 52mm Flammability classification: UL94 V-0 Degree of protection: IP54 Installation range (Ø): 5 x 10mm - 14mm 4 x 14mm - 18mm 3 x 14mm - 22mm 2 x 24mm - 54mm Total of 14 cables	104338	LMC 14 LIGHT GREY UL94 V-0	100	Bulk
		104338B	LMC 14 LIGHT GREY UL94 V-0	40	Single
LMC 25		Art. No.	Description	Box size	Packing
	Dimensions: 222 x 92 x 30mm Flammability classification: UL94 V-0 Degree of protection: IP54 Installation range (Ø): 2 x 3mm - 11mm 5 x 10mm - 14mm 12 x 14mm - 18mm 5 x 14mm - 22mm 1 x 14mm - 35mm Total of 25 cables	104335	LMC 25 LIGHT GREY UL94 V-0	100	Bulk
		104335B	LMC 25 LIGHT GREY UL94 V-0	40	Single
LMC 51		Art. No.	Description	Box size	Packing
	Dimensions: 222 x 92 x 30mm Flammability classification: UL94 V-0 Degree of protection: IP54 Installation range (Ø): 50 x 7mm - 13mm 1 x 15mm - 25mm Total of 51 cables	104344	LMC 51 LIGHT GREY UL94 V-0	100	Bulk
		104344B	LMC 51 LIGHT GREY UL94 V-0	40	Single



IP44
EN 60529

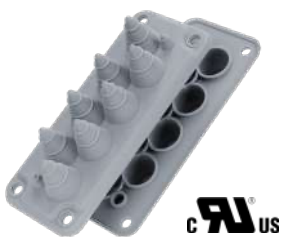
IP54
EN 60529

IP55
EN 60529



RoHS
Compliant

Cable Entry Plates for FL21 cut-out

LMC 35	Art. No.	Description	Box size	Packing
 Dimensions: 214 x 84 x 9,5mm Degree of protection: IP44 Installation range (Ø): 2 x 6mm - 10mm 14 x 7mm - 12mm 16 x 10mm - 14mm 2 x 12mm - 18mm 1 x 15mm - 32mm Total of 35 cables	100241	LMC 35 LIGHT GREY	100	Bulk
	100241B	LMC 35 LIGHT GREY	80	Single
MC 10	Art. No.	Description	Box size	Packing
 Dimensions: 216 x 84 x 48mm Flammability classification: UL94 V-0 Degree of protection: IP55 Installation range (Ø): 2 x 7mm - 12mm 8 x 10mm - 30mm Total of 10 cables	103552	MC 10 LIGHT GREY UL94 V-0	100	Bulk
	103552B	MC 10 LIGHT GREY UL94 V-0	50	Single
MC 16	Art. No.	Description	Box size	Packing
 Dimensions: 216 x 84 x 31mm Degree of protection: IP54 Installation range (Ø): 15 x 10mm - 20mm 1 x 10mm - 30mm Total of 16 cables	100084	MC 16 LIGHT GREY	100	Bulk
	100084B	MC 16 LIGHT GREY	80	Single

IP65
EN 60529RoHS
Compliant

Cable Entry Plates for **FL21** cut-out **RMC**

Reinforced plastic insert is made robust, yet lightweight. These membrane-based cable entry plates are designed to be used with cables without connectors, tubes and pneumatic or hydraulic hoses.

RMC Advantages

- Sealing rings can easily be pulled off without extra tools to make RMC perfectly fit various cable sizes making the installation very fast

RMC Technical Specifications

- Material: thermoplastic elastomer and fiberglass reinforced plastic
- Material Properties: UL94 V-0
- Colour: black and light grey
- Standard M8 bolts used for mounting
- Material service temperature (unstressed): -40°C...+90°C

RMC 3



Dimensions:
220 x 88 x 25,5mm

Flammability classification:
UL94 V-0

Degree of protection:
IP65

Installation range (Ø):
4 x 7mm - 10mm
3 x 12mm - 57mm
Total of 7 cables

Art. No.	Description	Box size	Packing
107360	RMC 3 LIGHT GREY UL94 V-0	100	Bulk
107444	RMC 3 BLACK UL94 V-0	100	Bulk

RMC 17



Dimensions:
220 x 88 x 25,5mm

Flammability classification:
UL94 V-0

Degree of protection:
IP65

Installation range (Ø):
4 x 5mm - 7mm
2 x 10mm - 12mm
2 x 12mm - 15mm
9 x 10mm - 30mm
Total of 17 cables

Art. No.	Description	Box size	Packing
108424	RMC 17 LIGHT GREY UL94 V-0	100	Bulk
106998	RMC 17 BLACK UL94 V-0	100	Bulk

Cable Entry Plates FL13



The specified cut-out size finds prevalent use, particularly in northern Europe, where FL13 is commonly recognized as the B size cut-out. A zinc-coated steel metal insert is incorporated to enhance structural strength. These membrane-based cable entry plates are meticulously designed for compatibility with cables lacking connectors, as well as tubes, pneumatic, or hydraulic hoses, offering a versatile solution for various applications.

Advantages

- Fast and easy assembly
- High cable density
- Screw mounting
- Suitable for both indoor and outdoor use

Technical Specifications

- Material: thermoplastic elastomer (TPE)
- Material properties: UL94 V-0
- Material reinforcement: zinc coated steel
- Colour: light grey
- Material service temperature (unstressed): -40°C...+100°C
- Non-UL material versions available on request



IP54
EN 60529

IP66/67
EN 60529



RoHS
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Cable Entry Plates for **FL13** cut-out

MB 4/10		Art. No.	Description	Box size	Packing
	Dimensions: 147 x 57 x 31mm	105954	MB 4/10 LIGHT GREY UL94 V-0	200	Bulk
	Flammability classification: UL94 V-0				
	Degree of protection: IP54				
	Installation range (Ø): 6 x 4mm - 9mm 4 x 10mm - 25mm Total of 10 cables				
MB 5/11		Art. No.	Description	Box size	Packing
	Dimensions: 147 x 57 x 42mm	105044	MB 5/11 LIGHT GREY UL94 V-0	200	Bulk
	Flammability classification: UL94 V-0				
	Degree of protection: IP66/67				
	Installation range (Ø): 4 x 5mm - 7mm 3 x 7mm - 10mm 2 x 10mm - 14mm 2 x 15mm - 30mm Total of 11 cables				
		105044B	MB 5/11 LIGHT GREY UL94 V-0	100	Single

Cable Entry Plates Special cut-out



Advantages

- Fast and easy assembly
- High cable density
- Double sealing with high IP protection
- Suitable for both indoor and outdoor use

Technical Specifications

- Material: thermoplastic elastomer
- Material properties: UL94 V-0
- Material reinforcement: stainless steel
- Colour: black
- Material service temperature (unstressed):
-40°C...+100°C

IP65
EN 60529IP66
EN 60529RoHS
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Cable Entry Plates for Special cut-out

MULTIGATE 4	Art. No.	Description	Box size	Packing
 Material: TPE Dimensions: 300 x 88 x 36mm Flammability classification: UL94 V-0 Degree of protection: IP65 Installation range (Ø): 4 x 30mm - 63mm Total of 4 cables	103888	MULTIGATE 4x30 - 63 BLACK UL94 V-0  	50	Bulk
MULTIGATE 1/3 SOLAR	Art. No.	Description	Box size	Packing
 Material: TPE Dimensions: 155,6 x 100x 91mm Cut-out dimensions: 130 x 88mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 1 x 35mm - 80mm 1 x 14mm - 32mm 1 x 8mm -18mm Total of 3 cables	108742	MULTIGATE 1/3 SOLAR LIGHT GREY UL94 V-0	60	Bulk
MULTIGATE 5/1 SOLAR	Art. No.	Description	Box size	Packing
 Material: TPE Dimensions: 155,6 x 100x 91mm Cut-out dimensions: 130 x 88mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 5 x 18mm - 40mm 1 x 8mm -18mm Total of 6 cables	108743	MULTIGATE 5/1 SOLAR LIGHT GREY UL94 V-0	60	Bulk



IP66

EN 60529



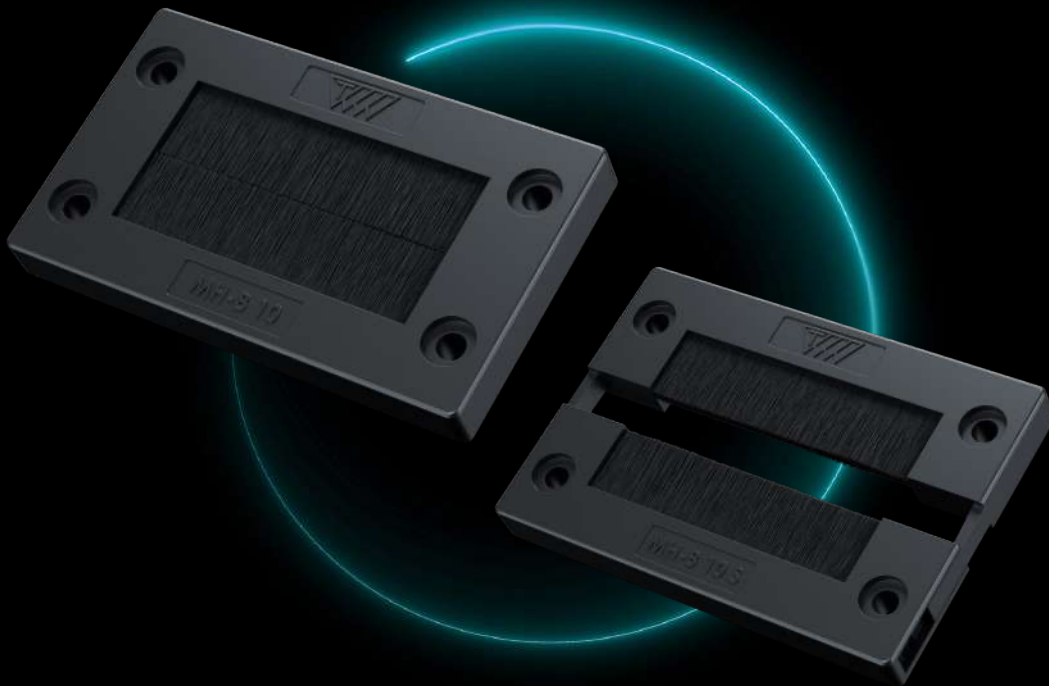
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Cable Entry Plates for Special cut-out

MULTIGATE 24		Art. No.	Description	Box size	Packing
	Dimensions: 221x90x17mm				
	Flammability classification: UL94 V-0	108765	MULTIGATE 24	100	Bulk
	Degree of protection: IP66				
	Installation range (Ø): 1x 4-7.5mm 18x10-17mm 3x 15-20mm 2x 21-26mm Total of 24 cable	108765B	MULTIGATE 24	80	Single

Cable Entry Plates Brush



The Trelleborg brush plates MH-B are the perfect solution for routing cables into server racks, electrical cabinets and control panels. The split version MH-B S offers a valid solution for retrofitting on existing applications, where simple protection against dust, and large dirt particulate is needed. The Trelleborg brush plates MH-B and MH-B S are designed to fit the cut-out dimensions of 10-, 16- and 24-pins standard industrial connectors.

Advantages

- Fast and easy assembly
- Simple solution for first grade of protection against large dirt particulate
- Ideal for retrofitting on existing applications
- Protects cable against damages on cabinet sharp edges

Technical Specifications

- Material: Polyamide
- Flammability classification: UL94 V-0
- Operating temperature: -40°C...+90°C
- Mounting type: Screw



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Compliant

Cable Entry Plates **MH-B**

MH-B 10	Art. No.	Description	Cut-out size	Box size	Packing
 Material: Frame: Polyamide Brushes: Polyamide Dimensions: 100x58x10mm Flammability classification: UL94 V-0 No. of screw holes: 4 Screw holes diameter: 5,5mm	108864	MH-B 10 UL94 V-0	65x36mm	100	Bulk
MH-B 16	Art. No.	Description	Cut-out size	Box size	Packing
 Material: Frame: Polyamide Brushes: Polyamide Dimensions: 120x58x10mm Flammability classification: UL94 V-0 No. of screw holes: 4 Screw holes diameter: 5,5mm	108865	MH-B 16 UL94 V-0	86x36mm	100	Bulk
MH-B 24	Art. No.	Description	Cut-out size	Box size	Packing
 Material: Frame: Polyamide Brushes: Polyamide Dimensions: 147x58x10mm Flammability classification: UL94 V-0 No. of screw holes: 4 Screw holes diameter: 5,5mm	108866	MH-B 24 UL94 V-0	112x36mm	100	Bulk



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Compliant



Cable Entry Plates **MH-B S**

MH-B 10 S	Art. No.	Description	Cut-out size	Box size	Packing
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Material:
Frame: Polyamide
Brushes: Polyamide

108867

MH-B 10 S UL94 V-0

65x36mm

100

Bulk

Dimensions:
100x58x10mm

Flammability classification:
UL94 V-0

No. of screw holes:
4

Screw holes diameter:
5,5mm

MH-B 16 S	Art. No.	Description	Cut-out size	Box size	Packing
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Material:
Frame: Polyamide
Brushes: Polyamide

108868

MH-B 16 S UL94 V-0

86x36mm

100

Bulk

Dimensions:
120x58x10mm

Flammability classification:
UL94 V-0

No. of screw holes:
4

Screw holes diameter:
5,5mm

MH-B 24 S	Art. No.	Description	Cut-out size	Box size	Packing
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Material:
Frame: Polyamide
Brushes: Polyamide

108869

MH-B 24 S UL94 V-0

112x36mm

100

Bulk

Dimensions:
147x58x10mm

Flammability classification:
UL94 V-0

No. of screw holes:
4

Screw holes diameter:
5,5mm

EMC Solutions



Electromagnetic Compatibility (EMC) is the ability of an electrical device to function properly in its environment without being affected by electromagnetic interference from other devices. The Trelleborg EMC solutions allows to guarantee a proper protection against electromagnetic interference thanks to the low level of resistivity and the shielding effectiveness superior to other thermoplastic elastomers and common elastomeric materials.

Technical Specifications

- Material: thermoplastic elastomer
- Surface resistivity (IEC 60093): $10 \cdot 10^2$ ohm
- Volume resistivity (IEC 60093): $10 \cdot 10^2$ ohm*cm
- Shielding effectiveness (ASTM D4935)

1.5 GHz	13 dB
1 GHz	6 dB
500 MHz	5 dB

- Colour: black
- Material service temperature (unstressed): -40°C...+100°C

Advantages

- Low material resistivity
- Superior shielding effectiveness

IP65
EN 60529



RoHS
Compliant



Cable Entry Plates for FL21 cut-out

MC3 EMC	Art. No.	Description	Box size	Packing
 Dimensions: 214 x 84 x 37mm Degree of protection: IP65 Installation range (Ø): 4 x 8mm - 12mm 2 x 24mm - 54mm 1 x 30mm - 60mm Total of 7 cables	108648	MC3 EMC BLACK	100	Bulk
MC25 EMC	Art. No.	Description	Box size	Packing
 Dimensions: 216 x 84 x 24mm Degree of protection: IP65 Installation range (Ø): 4 x 5mm - 7mm 4 x 8mm - 12mm 12 x 10mm - 14mm 4 x 14mm - 22mm 1 x 20mm - 26mm Total of 25 cables	108649	MC25 EMC BLACK	100	Bulk
MC35 EMC	Art. No.	Description	Box size	Packing
 Dimensions: 216 x 84 x 31mm Degree of protection: IP65 Installation range (Ø): 2 x 6mm - 10mm 14 x 7mm - 12mm 16 x 10mm - 14mm 2 x 12mm - 18mm 1 x 17mm - 32mm Total of 35 cables	108650	MC35 EMC BLACK	100	Bulk



IP67
EN 60529



RoHS
Compliant

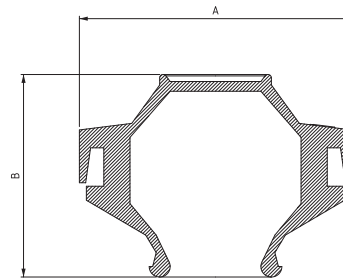


Cable Grommets T-GET



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Fast and easy assembly
- Double sealing with high IP protection
- Suitable for both indoor and outdoor use
- Fit metric cut-out dimensions

Technical Specification

Material: thermoplastic elastomer

Colour: black

Degree of protection: IP67

Material service temperature (unstressed): -40°C...+100°C

Art.No.	Description	Cable diameter	Cut-out	Cut-out Ø	A	B	Plate thickness	Box size
108658	T-GET 3-5 EMC BLACK	3mm - 5mm	M12	Ø12.5mm	19	21	1mm - 5mm	1500
108659	T-GET 5-7 EMC BLACK	5mm - 7mm	M16	Ø16.5mm	23	22	1mm - 5mm	1500
108660	T-GET 7-10 EMC BLACK	7mm - 10mm	M20	Ø20.5mm	27	25	1mm - 5mm	1000
108661	T-GET 10-14 EMC BLACK	10mm - 14mm	M25	Ø25.5mm	32	25	1mm - 5mm	600
108662	T-GET 14-20 EMC BLACK	14mm - 20mm	M32	Ø32.5mm	39	29	1mm - 5mm	400
108663	T-GET 20-26 EMC BLACK	20mm - 26mm	M40	Ø40.5mm	46	33	1mm - 5mm	250
108664	T-GET 26-35 EMC BLACK	26mm - 35mm	M50	Ø50.5mm	57	40	1mm - 5mm	140
108665	T-GET 30-45 EMC BLACK	30mm - 45mm	M60	Ø60.5mm	69	61	1mm - 5mm	175
108666	T-GET 40-60 EMC BLACK	40mm - 60mm	M75	Ø76mm	89	79	1.2mm - 5.2mm	80

IP67
EN 60529



RoHS
Compliant

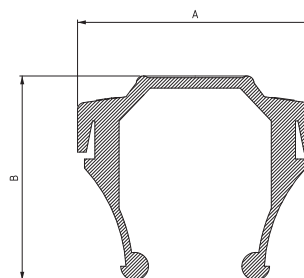


Cable Grommets T-VET



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Fast and easy assembly
- Double sealing with high IP protection
- Suitable for both indoor and outdoor use
- Fit PG cut-out dimensions

Technical Specification

Material: thermoplastic elastomer

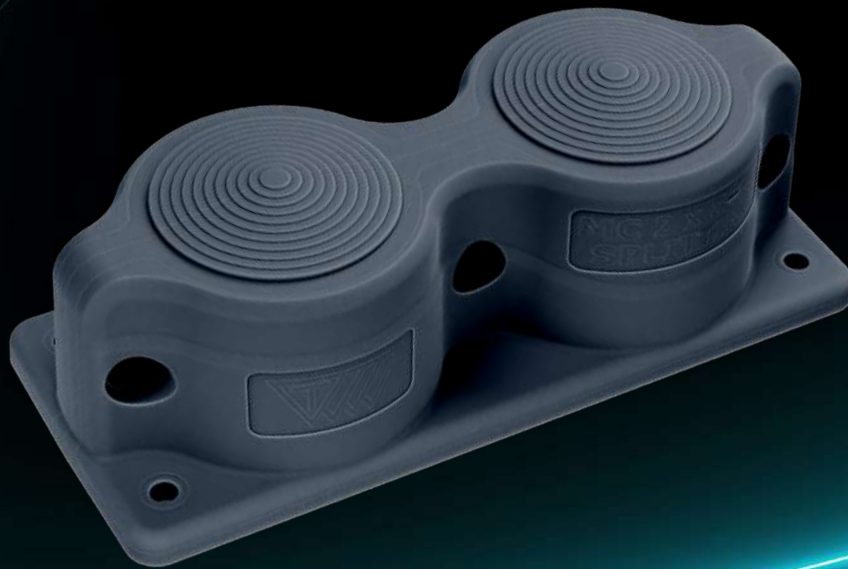
Colour: black

Degree of protection: IP67

Material service temperature (unstressed): -40°C...+100°C

Art.No.	Description	Cable diameter	Cut-out	Cut-out Ø	A	B	Plate thickness	Box size
108651	T-VET 3-5 EMC BLACK	3mm - 5mm	PG7	Ø13mm	20	20	1mm - 4mm	1800
108652	T-VET 5-7 EMC BLACK	5mm - 7mm	PG9	Ø16mm	20	22	1mm - 4mm	1500
108653	T-VET 7-10 EMC BLACK	7mm - 10mm	PG11	Ø19mm	24	24	1mm - 4mm	1200
108654	T-VET 10-14 EMC BLACK	10mm - 14mm	PG16	Ø23mm	30	27	1mm - 4mm	700
108655	T-VET 14-20 EMC BLACK	14mm - 20mm	PG21	Ø29mm	34	29	1mm - 4mm	400
108656	T-VET 20-26 EMC BLACK	20mm - 26mm	PG29	Ø38mm	46	34	1mm - 4mm	250
108657	T-VET 26-35 EMC BLACK	26mm - 35mm	PG38	Ø48mm	58	40	1mm - 4mm	120

Splitting Entry Systems



Introducing Splitting Entry Systems: Frequently, cables are equipped with connectors that cannot be detached and reattached. Trelleborg's splitting multigates offer a solution that enables the installation of cables with their connectors intact. Additionally, this innovative system allows for the flexibility to change cables as frequently as desired.

Advantages

- Can be used with pre-determined cables
- Robust design
- Good strain relief
- Suitable for both indoor and outdoor use

Technical Specifications

- Material: thermoplastic elastomer and fiberglass reinforced plastic
- Material properties: UL94 V-0
- Colour: black
- Material service temperature (unstressed): -40°C...+100°C
- Non-UL material versions available on request

IP66
EN 60529



RoHS
Compliant



Splitting Entry Systems IP66

MC 1x10-65	Art. No.	Description	Box size	Packing
 Material: halogen-free Membrane: TPE Material temperature range: -40...+100°C Dimensions: 123 x 92 x 75mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 10mm - 65mm Total of 1 cables	107917	MC 1x10-65 SPLITTING ENTRY UL94 V-0	20	Bulk

MC 2x10-65	Art. No.	Description	Box size	Packing
 Material: halogen-free Membrane: TPE Material temperature range: -40...+100°C Dimensions: 222 x 92 x 75mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 10mm - 65mm Total of 2 cables	107918	MC 2x10-65 SPLITTING ENTRY UL94 V-0	10	Bulk



IP55
EN 60529



RoHS
Compliant

Splitting Entry Systems IP55

MC 1x8-67		Art. No.	Description	Box size	Packing
	Dimensions: 123 x 92 x 75mm	106582	MC 1x8-67 UL94 V-0	20	Bulk
	Flammability classification: UL94 V-0				
	Degree of protection: IP55				
	Installation range (Ø): 1 x 8mm - 67mm Total of 1 cables				
MC 2x8-67		Art. No.	Description	Box size	Packing
	Dimensions: 222 x 92 x 75mm	100074	MC 2x8-67 UL94 V-0	10	Bulk
	Flammability classification: UL94 V-0				
	Degree of protection: IP55				
	Installation range (Ø): 2 x 8mm - 67mm Total of 2 cables				
MC 1/9		Art. No.	Description	Box size	Packing
	Dimensions: 123 x 93 x 81mm	106825	MC 1/9 SPLITTING UL94 V-0	20	Bulk
	Flammability classification: UL94 V-0				
	Degree of protection: IP55				
	Installation range (Ø): 4 x 5mm - 11mm 5 x 5mm - 13mm Total of 9 cables				
MC 2/10		Art. No.	Description	Box size	Packing
	Dimensions: 222 x 92 x 84mm	106618	MC 2/10 SPLITTING UL94 V-0	10	Bulk
	Flammability classification: UL94 V-0				
	Degree of protection: IP55				
	Installation range (Ø): 5 x 1mm - 14mm 2 x 5mm - 11mm 2 x 5mm - 13mm 1 x 8mm - 67mm Total of 10 cables				

IP55
EN 60529



RoHS
Compliant



Splitting Entry Systems IP55

SCG 1x3-35	Art. No.	Description	Box size	Packing
 Dimensions: 77 x 60 x 40mm Flammability classification: UL94 V-0 Degree of protection: IP55 Installation range (Ø): 1 x 3mm - 35mm Total of 1 cables	105928	SCG 1x3-35 UL94 V-0	100	Bulk
SCG 2x3-35	Art. No.	Description	Box size	Packing
 Dimensions: 136 x 60 x 40mm Flammability classification: UL94 V-0 Degree of protection: IP55 Installation range (Ø): 2 x 3mm - 35mm Total of 2 cables	105929	SCG 2x3-35 UL94 V-0	50	Bulk
SCG 6x3-20	Art. No.	Description	Box size	Packing
 Dimensions: 220 x 60 x 40mm Flammability classification: UL94 V-0 Degree of protection: IP55 Installation range (Ø): 6 x 3mm - 20mm Total of 6 cables	108757	SCG 6x3-20	20	Bulk

Modular System



With more than 1,000 possible configurations, we achieve ideal solutions for your applications in order to realize the cable infrastructure more flexible and durable. With our combinable variable system you can mount assembled as well as unassembled cables or pneumatic hoses quickly and flexibly. The individual elements are available in a variety of shapes and for a wide range of cable diameters. The cable seals are very robust and provide a reliable seal up to protection class IP65.

Advantages

- Saves space due to plug connection into the inside
- Easy handling: no special tools required
- High level of safety thanks to robust and oil-resistant designs
- Reliable sealing with strain relief according to DIN EN 62444
- Extensive product range - designs for various applications
- High vibration-proof dimensional stability of the plastic frames due to metal inserts
- Guarantee retaining for pre-assembled cables
- Flexible retrofits, highest available cable density with extensive variability
- The Cutouts of the designs correspond to the standard of industry connectors requirements

Reduce space and saves costs



Variable mounting options



Fast installation and a reliable seal



High stability, vibration-proof



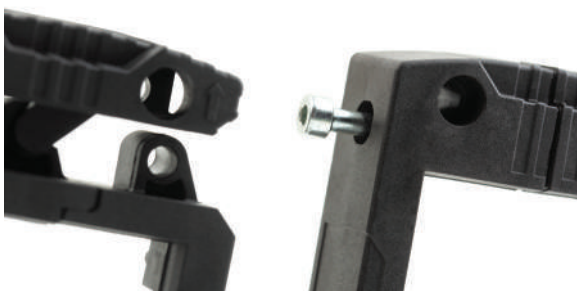
Cable grommets for your needs



For pre-assembled cables



Optional locking latch



Create your own configuration



Scan QR code

<https://www.trelleborg.com/apps/ces/index.html#/configurator>

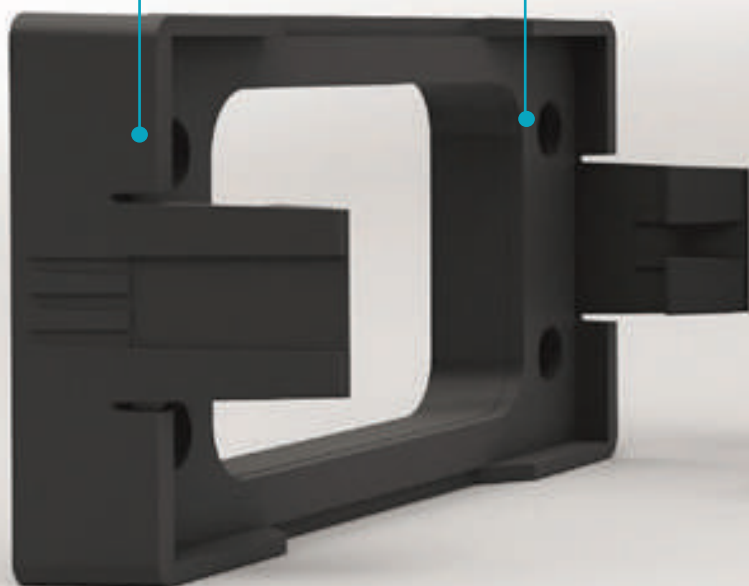
Explore our solutions

“Snap-in”
mounting frame

High dimensional stability
of the cable entry frames due
to metal reinforcement

Extensive product range -
designs for over 1000
different configurations

Reliable sealing
up to a protection
class of IP65





Easy handling:
no special tools required

High level of safety
thanks to robust and
oil-resistant designs

Optional locking system
for an easy installation





IP54
EN 60529

IP65
EN 60529



RoHS
Compliant

Modular Frames

with locking latch		Cutout	Specification	Part No.
	Material: polyamide, halogen-free, silicone-free	B10 35 x 65mm	for accommodating up to 6 (small) cable grommets	107703
	Color: Black			
	Temperature range: -40°C...+120°C	B16 35 x 86mm	for accommodating up to 8 (small) cable grommets	107702
	Degree of protection: IP54			
	Flammability classification: UL94 V0	B24 35 x 113mm	for accommodating up to 10 (small) cable grommets	107701

with screw locking		Cutout	Specification	Part No.
	Material: polyamide, halogen-free, silicone-free	B10 35 x 65mm	for accommodating up to 6 (small) cable grommets	107706
	Color: Black			
	Temperature range: 40°C...+120°C	B16 35 x 86mm	for accommodating up to 8 (small) cable grommets	107705
	Degree of protection: IP54/IP65			
	Flammability classification: UL94 V0	B24 35 x 113mm	for accommodating up to 10 (small) cable grommets	107704

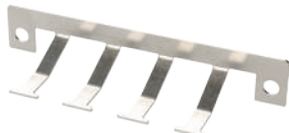
snap-in mounting frame		Cutout	Specification	Part No.
	Material: polyamide, halogen-free, silicone-free	B10 35 x 65mm	for accommodating B10 split cable entry frames, with integrated sealing	107709
	Color: Black			
	Temperature range: -40°C...+120°C	B16 35 x 86mm	for accommodating B16 split cable entry frames, with integrated sealing	107708
	Degree of protection: IP54/IP65			
	Flammability classification: UL94 V0	B24 35 x 113mm	for accommodating B24 split cable entry frames, with integrated sealing	107707

Accessories for Modular Cable Entry Systems



flat gasket		Cutout	Specification	Part No.
		B10 35 x 65mm	Spare gasket for sealing frame with standard cutout B10	107934
		B16 35 x 86mm	Spare gasket for sealing frame with standard cutout B16	107935
		B24 35 x 113mm	Spare gasket for sealing frame with standard cutout B24	107936

replacement screw		Specification	Part No.
		M4 replacement locking screw, Allen screw head, for sealing frames with screw locking	107937

EMC cable shielded rails		Specification	Part No.
		for mounting on the long side of the sealing frame TMS-B10	107940
		for mounting on the long side of the sealing frame TMS-B16	107938
		for mounting on the long side of the sealing frame TMS-B24	107939

filler plugs		Ø holes	Part No.	Ø holes	Part No.
 Material polyamide, halogen-free, silicone-free Temperature range: -20°C...+80°C Degree of protection: IP54 Flammability classification UL94 : V0		2 mm	107901	10 mm	107915
		3 mm	107908	11 mm	107916
		4 mm	107909	12 mm	107902
		5 mm	107910	13 mm	107903
		6 mm	107911	14 mm	107904
		7 mm	107912	15 mm	107905
		8 mm	107913	16 mm	107906
		9 mm	107914	17 mm	107907



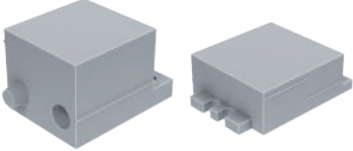
IP54
EN 60529

IP65
EN 60529

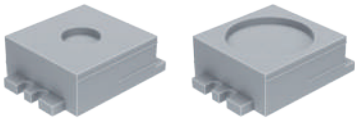


RoHS
Compliant

Modular Grommets

without bore hole	Dimensions		Part No.	
 Material: SEBS Color: Grey Temperature range: -40...+80°C Degree of protection: IP65 Flammability classification UL94 V0 Certified according to UL 508	Small 29,5 x 19,5 x 17 mm		107840	
	Large 53 x 39 x 17 mm		107841	

small, split	Ø cable	Part No.	Ø cable	Part No.
 Material: SEBS Color: Grey Dimensions: 29,5 x 19,5 x 17 mm Temperature range: -40...+80°C Degree of protection: IP54 Flammability classification UL94: V0	1-2mm	107801	9-10mm	107809
	2-3mm	107802	10-11mm	107810
	3-4mm	107803	11-12mm	107811
	4-5mm	107804	12-13mm	107812
	5-6mm	107805	13-14mm	107813
	6-7mm	107806	14-15mm	107850
	7-8mm	107807	15-16mm	107851
	8-9mm	107808	16-17mm	107852

large, split	Ø cable	Part No.	Ø cable	Part No.
 Material: SEBS Color: Grey Dimensions: 53 x 39 x 17 mm Temperature range: -40...+80°C Degree of protection: IP54 Flammability classification UL94: V0	14-15mm	107814	24-25mm	107824
	15-16mm	107815	25-26mm	107825
	16-17mm	107816	26-27mm	107826
	17-18mm	107817	27-28mm	107827
	18-19mm	107818	28-29mm	107828
	19-20mm	107819	29-30mm	107829
	20-21mm	107820	30-31mm	107830
	21-22mm	107821	31-32mm	107831
	22-23mm	107822	32-33mm	107832
	23-24mm	107823		

IP54
EN 60529

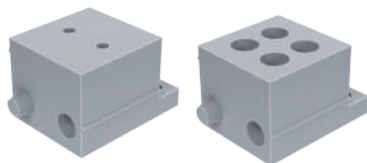


RoHS
Compliant



Modular Grommets

small, split, with 2 or 4 bore holes



Material: SEBS

Color: Grey

Dimensions: 29,5 x 19,5 x 17 mm

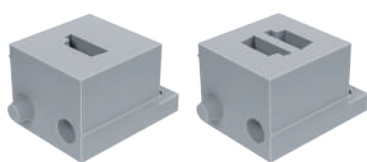
Temperature range: -40...+80°C

Degree of protection: IP54

Flammability classification UL94: V0

Ø holes	Specification	Part No.
2x2-3mm	for cable outer diameter 2 x 2-3 mm	107847
2x3-4mm	for cable outer diameter 2 x 3-4 mm	107848
2x4-5mm	for cable outer diameter 2 x 4-5 mm	107833
2x5-6mm	for cable outer diameter 2 x 5-6 mm	107834
2x6-7mm	for cable outer diameter 2 x 6-7 mm	107853
2x7-8mm	for cable outer diameter 2 x 7-8 mm	107844
2x8-9mm	for cable outer diameter 2 x 8-9 mm	107849
4x2-3mm	for cable outer diameter 4 x 2-3 mm	107835
4x3-4mm	for cable outer diameter 4 x 3-4 mm	107836
4x4-5mm	for cable outer diameter 4 x 4-5 mm	107845
4x5-6mm	for cable outer diameter 4 x 5-6 mm	107846

small, split, for AS-Interface cables



Material: SEBS

Color: Grey

Dimensions: 29,5 x 19,5 x 17 mm

Temperature range: -40...+80°C

Degree of protection: IP54

Flammability classification UL94: V0

Specification	Part No.
for one AS-Interface cable: R	107837
for two AS-Interface cables: LR	107839
for two AS-Interface cables: RR	107838
for one AS-Interface cable: L	107842
for two AS-Interface cables: LL	107843

Modular Grommets

IP54

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IP65

EN 60529



RoHS

Compliant



coned grommets		Dimensions		Part No.	
 Material: NBR Color: Black Temperature range: -40...+125°C Degree of protection: IP54		Small 29,5 x 19,5 x 17 mm Ø cable 2-11 mm		107764	
		Large 53 x 39 x 17 mm Ø cable 7-24 mm		107763	
without bore hole		Dimensions		Part No.	
 Material: NBR Color: Black Temperature range: -40...+125°C Degree of protection: IP65		Small 29,5 x 19,5 x 17 mm		107730	
		Large 53 x 39 x 17 mm		107762	
small, split		Ø cable	Part No.	Ø cable	Part No.
 Material: NBR Color: Black Dimensions 29,5 x 19,5 x 17 mm Temperature range: -40...+125°C Degree of protection: IP54		1-2mm	107722	9-10mm	107714
		2-3mm	107721	10-11mm	107713
		3-4mm	107720	11-12mm	107712
		4-5mm	107719	12-13mm	107711
		5-6mm	107718	13-14mm	107710
		6-7mm	107717	14-15mm	107740
		7-8mm	107716	15-16mm	107741
		8-9mm	107715	16-17mm	107742
large, split		Ø cable	Part No.	Ø cable	Part No.
 Material: NBR Color: Black Dimensions 53 x 39 x 17 mm Temperature range: -40...+125°C Degree of protection: IP54		14-15mm	107743	24-25mm	107753
		15-16mm	107744	25-26mm	107754
		16-17mm	107745	26-27mm	107755
		17-18mm	107746	27-28mm	107756
		18-19mm	107747	28-29mm	107757
		19-20mm	107748	29-30mm	107758
		20-21mm	107749	30-31mm	107759
		21-22mm	107750	31-32mm	107760
		22-23mm	107751	32-33mm	107761
		23-24mm	107752		

Modular Grommets

IP54
EN 60529



RoHS
Compliant



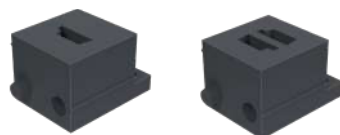
small, split, with 2 or 4 bore holes



Material: NBR
Color: Black
Dimensions 29,5 x 19,5 x 17 mm
Temperature range: -40...+125°C
Degree of protection: IP54

Ø holes	Specification	Part No.
2x2-3mm	for cable outer diameter 2 x 2-3 mm	107737
2x3-4mm	for cable outer diameter 2 x 3-4 mm	107738
2x4-5mm	for cable outer diameter 2 x 4-5 mm	107723
2x5-6mm	for cable outer diameter 2 x 5-6 mm	107724
2x6-7mm	for cable outer diameter 2 x 6-7 mm	107733
2x7-8mm	for cable outer diameter 2 x 7-8 mm	107734
2x8-9mm	for cable outer diameter 2 x 8-9 mm	107739
4x2-3mm	for cable outer diameter 4 x 2-3 mm	107725
4x3-4mm	for cable outer diameter 4 x 3-4 mm	107726
4x4-5mm	for cable outer diameter 4 x 4-5 mm	107735
4x5-6mm	for cable outer diameter 4 x 5-6 mm	107736

small, split, for AS-Interface cables



Material: NBR
Color: Black
Dimensions 29,5 x 19,5 x 17 mm
Temperature range: -40...+125°C
Degree of protection: IP54

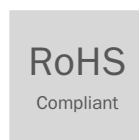
Specification	Part No.
for one AS-Interface cable: R	107727
for two AS-Interface cables: LR	107729
for two AS-Interface cables: RR	107728
for one AS-Interface cable: L	107731
for two AS-Interface cables: LL	107732

Cable Grommets



Explore the versatility of Trelleborg Cable Grommets, designed with a variety of configurations to cater to specific IP ratings and applications. These adaptable grommets are ideal for guiding both low and medium voltage power cables, tubes, and hoses. Choose from options that align with cut-outs based on PG dimensions or millimeter dimensions.

Crafted from a range of polymers, Trelleborg Cable Grommets not only ensure RoHS compliance but also exhibit outstanding weather resistance. Moreover, our product line includes fire retardant and oil-resistant models, providing a comprehensive solution to meet diverse requirements.

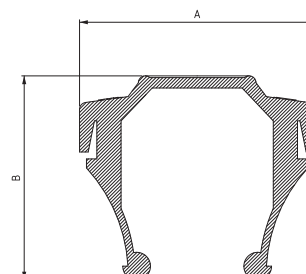


Cable Grommets T-VET



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Fast and easy assembly
- Double sealing with high IP protection
- Suitable for both indoor and outdoor use
- Fit PG cut-out dimensions

Technical Specification

Material: thermoplastic elastomer

Colour: light grey and black

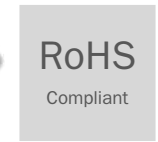
Degree of protection: IP67

Flammability classification: UL94 V-0

Material service temperature (unstressed): -40°C...+100°C

Non-UL material versions available on request

Art.No.	Description	Cable diameter	Cut-out	Cut-out Ø	A	B	Plate thickness	Box size
100746	T-VET 3-5 LIGHT GREY UL94 V-0	3mm - 5mm	PG7	Ø13mm	20	20	1mm - 4mm	1800
100747	T-VET 3-5 BLACK UL94 V-0	3mm - 5mm	PG7	Ø13mm	20	20	1mm - 4mm	1800
100749	T-VET 5-7 LIGHT GREY UL94 V-0	5mm - 7mm	PG9	Ø16mm	20	22	1mm - 4mm	1500
100187	T-VET 5-7 BLACK UL94 V-0	5mm - 7mm	PG9	Ø16mm	20	22	1mm - 4mm	1500
100751	T-VET 7-10 LIGHT GREY UL94 V-0	7mm - 10mm	PG11	Ø19mm	24	24	1mm - 4mm	1200
100188	T-VET 7-10 BLACK UL94 V-0	7mm - 10mm	PG11	Ø19mm	24	24	1mm - 4mm	1200
100190	T-VET 10-14 LIGHT GREY UL94 V-0	10mm - 14mm	PG16	Ø23mm	30	27	1mm - 4mm	700
100191	T-VET 10-14 BLACK UL94 V-0	10mm - 14mm	PG16	Ø23mm	30	27	1mm - 4mm	700
100192	T-VET 14-20 LIGHT GREY UL94 V-0	14mm - 20mm	PG21	Ø29mm	34	29	1mm - 4mm	400
100193	T-VET 14-20 BLACK UL94 V-0	14mm - 20mm	PG21	Ø29mm	34	29	1mm - 4mm	400
100755	T-VET 20-26 LIGHT GREY UL94 V-0	20mm - 26mm	PG29	Ø38mm	46	34	1mm - 4mm	250
100195	T-VET 20-26 BLACK UL94 V-0	20mm - 26mm	PG29	Ø38mm	46	34	1mm - 4mm	250
100197	T-VET 26-35 LIGHT GREY UL94 V-0	26mm - 35mm	PG36	Ø48mm	58	40	1mm - 4mm	120
100198	T-VET 26-35 BLACK UL94 V-0	26mm - 35mm	PG36	Ø48mm	58	40	1mm - 4mm	120

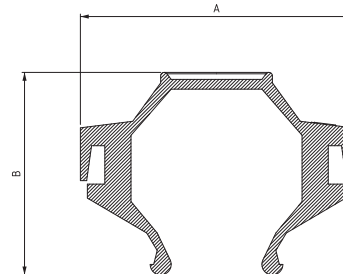


Cable Grommets T-GET



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Fast and easy assembly
- Double sealing with high IP protection
- Suitable for both indoor and outdoor use
- Fit PG cut-out dimensions in mm

Technical Specification

Material: thermoplastic elastomer

Colour: light grey and black

Degree of protection: IP67

Flammability classification: UL94 V-0

Material service temperature (unstressed): -40°C...+100°C

Non-UL material versions available on request

Art.No.	Description	Cable diameter	Cut-out	Cut-out Ø	A	B	Plate thickness	Box size
100723	T-GET 3-5 LIGHT GREY UL 94 V-0	3mm - 5mm	M12	Ø12.5mm	19	21	1mm - 5mm	1500
100724	T-GET 3-5 BLACK UL94 V-0	3mm - 5mm	M12	Ø12.5mm	19	21	1mm - 5mm	1500
100726	T-GET 5-7 LIGHT GREY UL94 V-0	5mm - 7mm	M16	Ø16.5mm	23	22	1mm - 5mm	1500
100727	T-GET 5-7 BLACK UL94 V-0	5mm - 7mm	M16	Ø16.5mm	23	22	1mm - 5mm	1500
100729	T-GET 7-10 LIGHT GREY UL94 V-0	7mm - 10mm	M20	Ø20.5mm	27	25	1mm - 5mm	1000
100730	T-GET 7-10 BLACK UL94 V-0	7mm - 10mm	M20	Ø20.5mm	27	25	1mm - 5mm	1000
100732	T-GET 10-14 LIGHT GREY UL94 V-0	10mm - 14mm	M25	Ø25.5mm	32	25	1mm - 5mm	600
100733	T-GET 10-14 BLACK UL94 V-0	10mm - 14mm	M25	Ø25.5mm	32	25	1mm - 5mm	600
100735	T-GET 14-20 LIGHT GREY UL94 V-0	14mm - 20mm	M32	Ø32.5mm	39	29	1mm - 5mm	400
100736	T-GET 14-20 BLACK UL94 V-0	14mm - 20mm	M32	Ø32.5mm	39	29	1mm - 5mm	400
100183	T-GET 20-26 LIGHT GREY UL94 V-0	20mm - 26mm	M40	Ø40.5mm	46	33	1mm - 5mm	250
100184	T-GET 20-26 BLACK UL94 V-0	20mm - 26mm	M40	Ø40.5mm	46	33	1mm - 5mm	250
100739	T-GET 26-35 LIGHT GREY UL94 V-0	26mm - 35mm	M50	Ø50.5mm	57	40	1mm - 5mm	140
100740	T-GET 26-35 BLACK UL94 V-0	26mm - 35mm	M50	Ø50.5mm	57	40	1mm - 5mm	140
100741	T-GET 30-45 LIGHT GREY UL94 V-0	30mm - 45mm	M60	Ø60.5mm	69	61	1mm - 5mm	175
100185	T-GET 30-45 BLACK UL94 V-0	30mm - 45mm	M60	Ø60.5mm	69	61	1mm - 5mm	175
100742	T-GET 40-60 GREY UL94 V-0	40mm - 60mm	M75	Ø76mm	89	79	1.2mm - 5.2mm	80
100743	T-GET 40-60 BLACK UL94 V-0	40mm - 60mm	M75	Ø76mm	89	79	1.2mm - 5.2mm	80

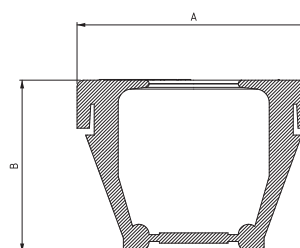
IP67
EN 60529RoHS
Compliant

Cable Grommets VET



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Fast and easy assembly
- Double sealing with high IP protection
- Suitable for both indoor and outdoor use
- Fit PG cut-out dimensions

Technical Specification

Material: EPDM rubber

Material properties: halogen-free

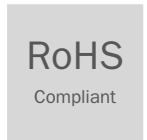
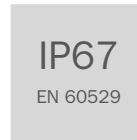
Colour: grey and black

Degree of protection: IP67

Material service temperature (unstressed): -40°C...+120°C

Other materials (VMQ,CR) available on request

Art.No.	Description	Cable diameter	Cut-out	Cut-out Ø	A	B	Plate thickness	Box size
100715B	VET 3-5 BLACK EPDM	3mm - 5mm	PG7	Ø13mm	20	13	1mm - 4mm	1000
100716B	VET 3-5 GREY EPDM	3mm - 5mm	PG7	Ø13mm	20	13	1mm - 4mm	1000
100306B	VET 5-7 BLACK EPDM	5mm - 7mm	PG9	Ø16mm	20	20	1mm - 4mm	1000
100307B	VET 5-7 GREY EPDM	5mm - 7mm	PG9	Ø16mm	20	20	1mm - 4mm	1000
100291B	VET 8-14 BLACK EPDM	8mm - 14mm	PG16	Ø23mm	28	24	1mm - 4mm	1000
100292B	VET 8-14 GREY EPDM	8mm - 14mm	PG16	Ø23mm	28	24	1mm - 4mm	1000
100295B	VET 7-10 BLACK EPDM	7mm - 10mm	PG11	Ø19mm	24	21	1mm - 4mm	1000
100296B	VET 7-10 GREY EPDM	7mm - 10mm	PG11	Ø19mm	24	21	1mm - 4mm	1000
100297B	VET 14-20 BLACK EPDM	14mm - 20mm	PG21	Ø29mm	34	26	1mm - 4mm	500
100298B	VET 14-20 GREY EPDM	14mm - 20mm	PG21	Ø29mm	34	26	1mm - 4mm	500
100300B	VET 20-26 BLACK EPDM	20mm - 26mm	PG29	Ø38mm	46	30	1mm - 4mm	500
100301B	VET 20-26 GREY EPDM	20mm - 26mm	PG29	Ø38mm	46	30	1mm - 4mm	500
100304B	VET 26-35 BLACK EPDM	26mm - 35mm	PG36	Ø48mm	57.5	30	1mm - 4mm	200
100305B	VET 26-35 GREY EPDM	26mm - 35mm	PG36	Ø48mm	57.5	30	1mm - 4mm	200

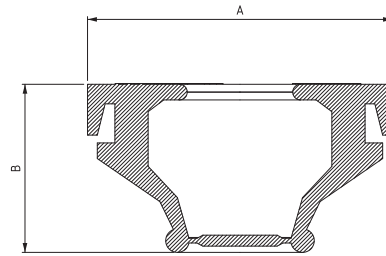


Cable Grommets GET



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Fast and easy assembly
- Double sealing with high IP protection
- Suitable for both indoor and outdoor use
- Fit PG cut-out dimensions in mm

Technical Specification

Material: EPDM rubber

Material properties: halogen-free

Colour: grey and black

Degree of protection: IP67

Material service temperature (unstressed): -40°C...+120°C

Other materials (VMQ,CR) available on request

Art.No.	Description	Cable diameter	Cut-out	Cut-out Ø	A	B	Plate thickness	Box size
100589B	GET 3-5 BLACK EPDM	3mm - 5mm	M12	Ø12.5mm	19	19	1.3 - 5mm	1000
100590B	GET 3-5 GREY EPDM	3mm - 5mm	M12	Ø12.5mm	19	19	1.3 - 5mm	1000
100587B	GET 5-7 BLACK EPDM	5mm - 7mm	M16	Ø16.5mm	23	19	1.3 - 5mm	1000
100231B	GET 5-7 GREY EPDM	5mm - 7mm	M16	Ø16.5mm	23	19	1.3 - 5mm	1000
100578B	GET 7-10 BLACK EPDM	7mm - 10mm	M20	Ø20.5mm	27	20	1.3 - 5mm	1000
100226B	GET 7-10 GREY EPDM	7mm - 10mm	M20	Ø20.5mm	27	20	1.3 - 5mm	1000
100574B	GET 10-14 BLACK EPDM	10mm - 14mm	M25	Ø25.5mm	32	20	1.3 - 5mm	1000
100167B	GET 10-14 GREY EPDM	10mm - 14mm	M25	Ø25.5mm	32	20	1.3 - 5mm	1000
100227B	GET 14-20 BLACK EPDM	14mm - 20mm	M32	Ø32.5mm	39	22	1.3 - 5mm	500
100228B	GET 14-20 GREY EPDM	14mm - 20mm	M32	Ø32.5mm	39	22	1.3 - 5mm	500
100583B	GET 20-26 BLACK EPDM	20mm - 26mm	M40	Ø40.5mm	47	24	1.3 - 5mm	500
100584B	GET 20-26 GREY EPDM	20mm - 26mm	M40	Ø40.5mm	47	24	1.3 - 5mm	500
100229B	GET 26-35 BLACK EPDM	26mm - 35mm	M50	Ø50.5mm	58	30	1.3 - 5mm	200
100230B	GET 26-35 GREY EPDM	26mm - 35mm	M50	Ø50.5mm	58	30	1.3 - 5mm	200
100223B	GET 30-45 BLACK EPDM	30mm - 45mm	M63	Ø63.5mm	69	45	1.3 - 5mm	100
100224B	GET 30-45 GREY EPDM	30mm - 45mm	M63	Ø63.5mm	69	45	1.3 - 5mm	100
100573B	GET 40-60 BLACK EPDM	40mm - 60mm	M75	Ø76mm	90	60	1.3 - 5mm	50
100225B	GET 40-60 GREY EPDM	40mm - 60mm	M75	Ø76mm	90	60	1.3 - 5mm	50

IP54

EN 60529

IP65

EN 60529



RoHS

Compliant

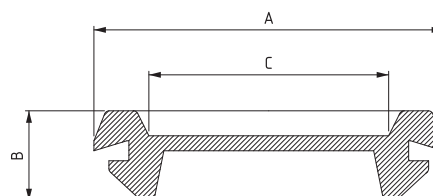


Cable Grommets T-GD



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Fast and easy assembly
- Suitable for both indoor and outdoor use
- Fit PG cut-out dimensions
- Can be used as a plug

Technical Specification

Material: thermoplastic elastomer

Colour: black

Flammability classification: UL94 V-0

Degree of protection: IP54 (IP65 if used as a plug)

Material service temperature (unstressed): -40°C...+100°C

Non-UL material versions available on request

Art.No.	Description	Cut-out	Cut-out Ø	A	B	C	Plate thickness	Box size
100174	T-GD 9 PG BLACK	PG9	Ø15mm	20	7	9	1mm - 2mm	3000
100175	T-GD 11 PG BLACK	PG11	Ø18.5mm	23	7	11	1mm - 2mm	3000
100176	T-GD 13.5 PG BLACK	PG13.5	Ø20.5mm	25	7	13.5	1mm - 2mm	2500
100177N	T-GD 16 PG BLACK	PG16	Ø22mm	28	7	16	1mm - 2mm	2500
100178	T-GD 21 PG BLACK	PG21	Ø28.5mm	35	9	21	1mm - 2mm	1000
100179	T-GD 29 PG BLACK	PG29	Ø37mm	44	10	29	1mm - 2mm	500
100180	T-GD 36 PG BLACK	PG36	Ø47mm	54	12	36	1.5mm - 3mm	200
100181	T-GD 48 PG BLACK	PG48	Ø59.5mm	68	12	48	1.5mm - 3mm	200
100182	T-GD 53 PG BLACK	PG53	Ø64mm	75	12	53	1.5mm - 3mm	200
100721	T-GD 69 PG BLACK	PG69	Ø80mm	90	12	69	1.5mm - 3mm	100



IP54
EN 60529

IP65
EN 60529



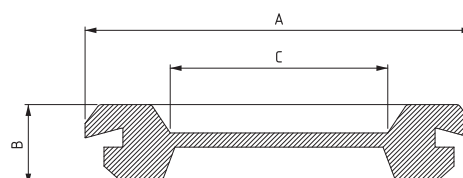
RoHS
Compliant

Cable Grommets T-GDM



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Fast and easy assembly
- Suitable for both indoor and outdoor use
- Fit PG cut-out dimensions in mm
- Can be used as a plug

Technical Specification

Material: thermoplastic elastomer

Colour: black

Flammability classification: UL94 V-0

Degree of protection: IP54 (IP65 if used as a plug)

Material service temperature (unstressed): -40°C...+100°C

Non-UL material versions available on request

Art.No.	Description	Cut-out	Cut-out Ø	A	B	C	Plate thickness	Box size
103665	T-GDM 9 MM BLACK	M12	Ø12.5mm	17	7	9	1mm - 2mm	3000
103933N	T-GDM 11 MM BLACK	M16	Ø16.5mm	21	7	11	1mm - 2mm	3000
100176	T-GDM 13,5 MM BLACK	M20	Ø20.5mm	25	7	13,5	1mm - 2mm	2500
100200	T-GDM 16 MM BLACK	M25	Ø25.5mm	32	7	16	1mm - 2mm	2500
102342N	T-GDM 21 MM BLACK	M32	Ø32.5mm	40	9	21	1mm - 2mm	1000
103523N	T-GDM 29 MM BLACK	M40	Ø40.5mm	48	10	29	1mm - 2mm	500
104019N	T-GDM 36 MM BLACK	M50	Ø50.5mm	58	12	36	1.5mm - 3mm	200
100181	T-GDM 48 MM BLACK	M60	Ø60.5mm	68	12	48	1.5mm - 3mm	200
104022N	T-GDM 53 MM BLACK	M75	Ø76mm	81	12	53	1.5mm - 3mm	100
104023N	T-GDM 69 MM BLACK	M90	Ø83.5mm	91	12	69	1.5mm - 3mm	100

IP65
EN 60529



RoHS
Compliant

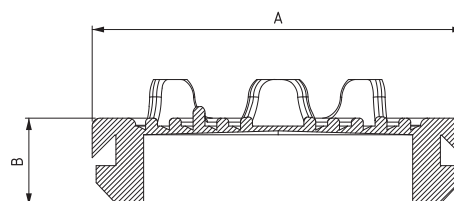


Cable Grommets T-RGDM



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Fast and easy assembly
- Sealing rings can easily be pulled off without extra tools
- Suitable for both indoor and outdoor use
- Fit M40, M50 or M60 cut-out

Technical Specification

Material: thermoplastic elastomer

Colour: grey and black

Flammability classification: UL94 V-0 halogen-free

Degree of protection: IP65

Material service temperature (unstressed):
-40 °C...+90 °C

Art.No.	Description	Cable diameter	Cut-out	Cut-out Ø	A	B	Plate thickness	Box size
107166	T-RGDM 40 BLACK UL94 V-0	10mm - 34mm	M40	Ø40.5mm	47	11	1 - 3.5 mm	400
108421	T-RGDM 40 LIGHT GREY UL94 V-0	10mm - 34mm	M40	Ø40.5mm	47	11	1 - 3.5 mm	400
106995	T-RGDM 50 BLACK UL94 V-0	12mm - 44mm	M50	Ø50.5mm	57	11	1 - 3.5 mm	250
108422	T-RGDM 50 LIGHT GREY UL94 V-0	12mm - 44mm	M50	Ø50.5mm	57	11	1 - 3.5 mm	250
107167	T-RGDM 60 BLACK UL94 V-0	12mm - 54mm	M60	Ø60.5mm	67	11	1 - 3.5 mm	200
108423	T-RGDM 60 LIGHT GREY UL94 V-0	12mm - 54mm	M60	Ø60.5mm	67	11	1 - 3,5 mm	200



RoHS
Compliant

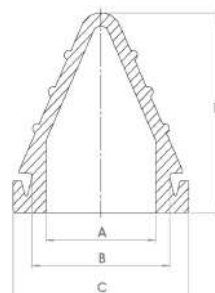
IP54

Conus Grommets



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Fast and easy assembly
- Suitable for both indoor and outdoor use
- Fit PG cut-out dimensions in mm
- Can be used as a plug

Technical Specification

Material: thermoplastic elastomer

Colour: black

Flammability classification: UL94 V-0

Degree of protection: IP54

Material service temperature (unstressed): -40°C...+100°C

Art.No.	Description	A	B	C	Cut-out Ø	Cable Ø	Plate thickness
108883	GROMMET C22 UL94 V-0	17.5	22	28	Ø21.5mm	max 17mm	1,5-3 mm
108884	GROMMET C26 UL94 V-0	22	26.5	32.4	Ø26mm	max 22mm	1,5-3 mm
108885	GROMMET C33 UL94 V-0	27.9	33.9	39.9	Ø33.5mm	max 27mm	1,5-3,5 mm
108886	GROMMET C43 UL94 V-0	38	43.4	49.4	Ø43mm	max 38mm	1,5-3,5 mm
108887	GROMMET C49 UL94 V-0	45.4	49.8	57.8	Ø49.5mm	max 45mm	1,5-3,5 mm



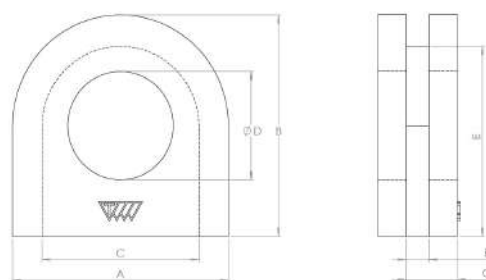
RoHS
Compliant

U-Grommets



Dimensions

All dimensions to be used only as reference and not for quality control purposes



Advantages

- Specific small range of grommets designed for two U-shaped cutouts
- EPDM material as standard
- Variable cable holes available

Technical Specification

Material: EPDM

Colour: black

Material service temperature (unstressed): -40°C...+120°C

Art.No.	Description	Width	Height	Recess width	Cable Ø	Recess height	Clearance	Cut-out depth	Box size
		A	B	C	D	E	F	G	
108893	U-GROMMETS WITH INNER MEMBRANE	19	19	13,8	9,3	16,3	2	4,5	500
108894	U-GROMMETS WITH PERFORATED MEMBRANE 1MM Ø	13,8	13,8	10,5	7	12	1,5	3,5	500
108895	U-GROMMETS WITH PERFORATED MEMBRANE 2MM Ø	19	19	13,8	9,3	16,3	2	4,5	500
108896	U-GROMMETS WITH PERFORATED MEMBRANE 7MM Ø	13,8	13,8	10,5	7	12	1,5	3,5	500



IP66
EN 60529



RoHS
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T-CG

T-CG 36-62 LIGHT GREY	Art. No.	Description	Box size	Packing
Material: halogen-free Membrane: TPE Material temperature range: -40°C...+100°C Dimensions: 107 x 97 x 59 mm Flammability classification: UL94 HB Degree of protection: IP66 Installation range (Ø): 36mm - 62mm Total of 1 cable	108904	T-CG 36-62 LIGHT GREY	20	Bulk
	108905	T-CG 36-62 LIGHT GREY assembly*	20	Single
				

T-CG 36-62 BLACK UL94 V-0	Art. No.	Description	Box size	Packing
Material: halogen-free Membrane: TPE Material temperature range: -40°C...+100°C Dimensions: 107 x 97 x 59 mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 36mm - 62mm Total of 1 cable	108906	T-CG 36-62 BLACK UL94 V-0	20	Bulk
	108907	T-CG 36-62 BLACK UL94 V-0 assembly*	20	Single
				

*single packed with assembly kit

IP66

EN 60529



RoHS

Compliant



T-CG

T-CG 50-88 LIGHT GREY	Art. No.	Description	Box size	Packing
Material: halogen-free Membrane: TPE Material temperature range: -40°C...+100°C Dimensions: 107x97x59mm Flammability classification: UL94 HB Degree of protection: IP66 Installation range (Ø): 50mm - 88mm Total of 1 cables	108910	T-CG 50-88 LIGHT GREY	20	Bulk
	108911	T-CG 50-88 LIGHT GREY assembly*	20	Single

T-CG 50-88 BLACK UL94 V-0	Art. No.	Description	Box size	Packing
Material: halogen-free Membrane: TPE Material temperature range: -40°C...+100°C Dimensions: 107x97x59mm Flammability classification: UL94 V-0 Degree of protection: IP66 Installation range (Ø): 50mm - 88mm Total of 1 cable	108912	T-CG 50-88 BLACK UL94 V-0	20	Bulk
	108913	T-CG 50-88 BLACK UL94 V-0 assembly*	20	Single

*single packed with assembly kit



IP54

EN 60529

REACH

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Cable Grommets M 20-80



Advantages

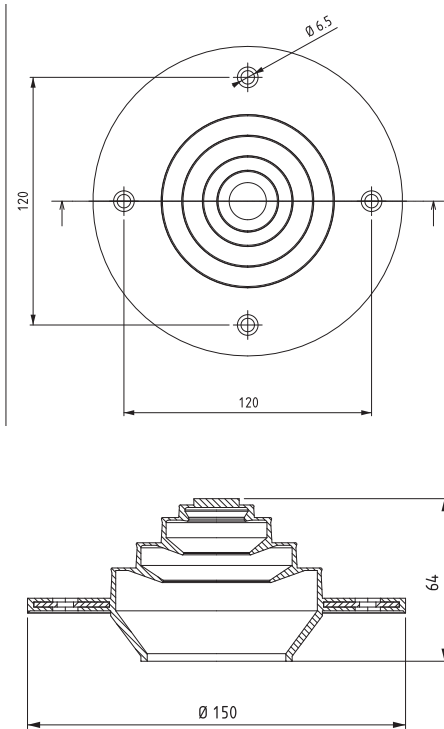
- Suitable for cable diameters up to 80mm
- Suitable for both indoor and outdoor use

Technical Specification

Material: thermoplastic elastomer
Colour: grey and black
Flammability classification: UL94 V-0
Degree of protection: IP54
Material service temperature (unstressed):
-40 °C...+100 °C
Non-UL material versions available on request

Dimensions

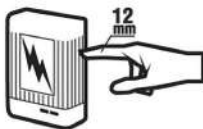
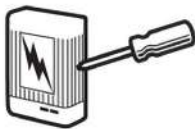
All dimensions to be used only as reference and not for quality control purposes



Art.No.	Description	Box size	Packing
104049	M 20-80 LIGHT GREY UL94 V-0	50	Bulk
101035	M 20-80 BLACK UL94 V-0	50	Bulk

IP Codes

IP (Ingress Protection) Ratings Guide

SOLIDS		WATER	
1	 Protected against a solid object greater than 50 mm such as a hand.	1	 Protected against vertically falling drops of water. Limited ingress permitted.
2	 Protected against a solid object greater than 12.5 mm such as a finger.	2	 Protected against vertically falling drops of water with enclosure tilted up to 15 degrees from the vertical. Limited ingress permitted.
3	 Protected against a solid object greater than 2.5 mm such as a screwdriver.	3	 Protected against sprays of water up to 60 degrees from the vertical. Limited ingress permitted for three minutes.
4	 Protected against a solid object greater than 1 mm such as a wire.	4	 Protected against water splashed from all directions. Limited ingress permitted.
5	 Dust Protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. Two to eight hours.	5	 Protected against jets of water. Limited ingress permitted.
6	 Dust tight. No ingress of dust. Two to eight hours.	6	 Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.
Rating Example: IP65 INGRESS PROTECTION		7	 Protection against the effects of immersion in water between 15 cm and 1 m for 30 minutes.
		8	 Protection against the effects of immersion in water under pressure for long periods.



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