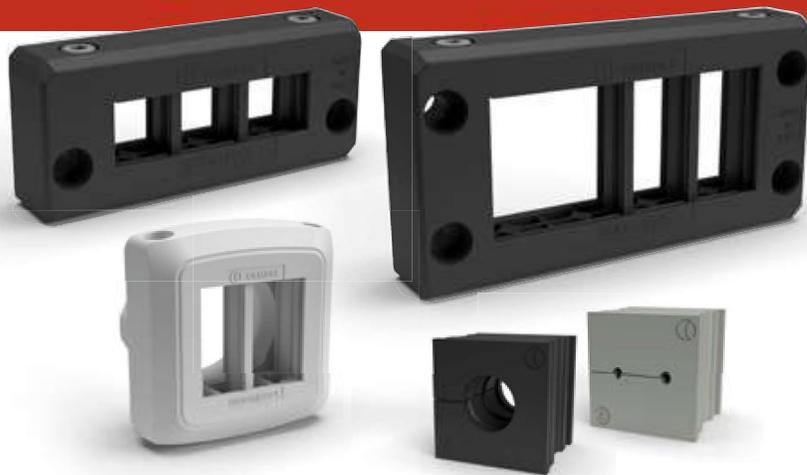


SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES AND ACCESSORIES

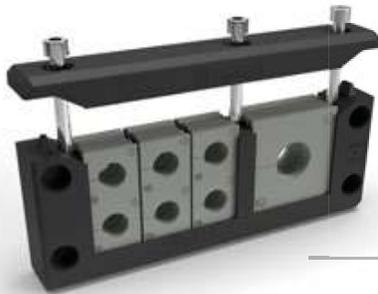


LOTS OF GREAT REASONS FOR CHOOSING EWO



- **Plug & Fix:** quick installation on predetermined cables for signal distribution, sensors and power supply
- **Easy to use:** frame can be fitted after laying the cables, which can also be secured with grommets in the final phase of machine wiring
- **For industrial automation:** ideal for applications in industrial automation, for cable management on the machine
- **Safety without compromise:** extremely safe and protected (IP66) even without an additional external seal
- **Grommets are perfectly enclosed by the frame,** with no protrusions, ensuring IP66 protection and cable sealing in accordance with EN62444

Frame can be fitted after laying the cables, which can also be secured with grommets in the final phase of machine wiring



Extremely safe and protected (IP66) thanks to the special overmoulded seal which does not require an external seal



Quick installation on predetermined cables for signal distribution, sensors and power supply



Ideal for applications in industrial automation, for cable management on the machine



Slim and space-saving thanks to the compact design and the absence of an external seal.



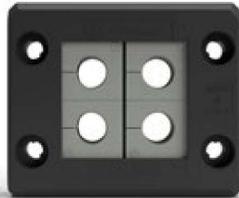
SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES

general specifications

- **Slim and space-saving** thanks to the compact design and the absence of an external seal (available as an accessory)
- **Fast and flexible screw fastening:** anti-fall system for easier installation
- **Frame fixing system** using screws on nuts, deep-drawn holes or rivets
- **High quality material:** reinforced PA6.6 fibreglass frame with stainless steel screws and clamping nuts
- **180° of simplicity:** grommets can be mounted freely, without having to be locked in place, and without worrying about the direction of installation



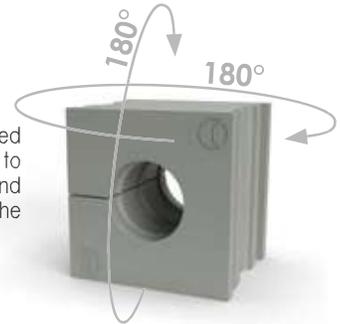
Grommets are perfectly enclosed by the frame, without protrusions, ensuring IP66 protection and cable sealing in accordance with EN62444



Fast and flexible screw fastening: anti-fall system for easier installation



Grommets can be mounted freely, without having to be locked in place, and without worrying about the direction of installation



Reinforced PA6.6 fibreglass frame stainless steel screws and clamping nuts



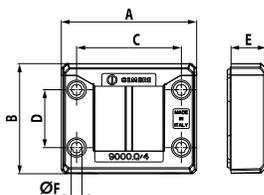
Frame fixing system using screws on nuts, deep-drawn holes or rivets



made in glass-fibre reinforced polyamide PA6.6
with overmoulded seal



Cable entry system dimensions



Metal plate perforation dimensions

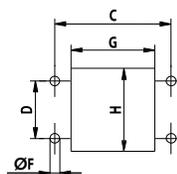


Diagram (grommets not included)



Marking/Approvals



Type

Black (RAL 9005) ■
Units in standard packaging
Units in minimum packaging

9000.Q/4
10
10

9000.Q/1
10
10

Dimensions and Weights

A
B
C
D
E
ØF
G
H
Weight

75 mm
61 mm
58 mm
32 mm
19.5 mm
5.5 mm
43 mm
43 mm
44 g

75 mm
61 mm
58 mm
32 mm
19.5 mm
5.5 mm
43 mm
43 mm
42 g

Material Specifications

Frame material
Light blue overmoulded seal material
Frame fastening screws material
Frame fastening nuts material

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x55) Class A2
Stainless steel Class A2

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x55) Class A2
Stainless steel Class A2

Technical Specifications

Silicon free
Halogen free
ISO 4892-2A
ROHS compliant
Self-extinguishing class (UL 94)
Temperature range (static)
IP rating (EN 60529)
Number of small grommets, type A
Number of large grommets, type B

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
4
-

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
-
1

Certifications

UL/NEMA performance
UL Standard
UL file number
Cable clamping according to EN 62444

12, 4X indoor, 1
50E
E535849
YES

12, 4X indoor, 1
50E
E535849
YES

Accessories upon request

Stainless steel screws for wall attachment
External seal for uneven walls
Grommets
Punching set CEMBRE*

9001.M5X25
9006.Q
4 x type A
RD43X43

9001.M5X25
9006.Q
1 x type B
RD43X43

*see page 305, 343

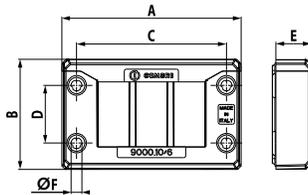
SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES

9000.10

made in glass-fibre reinforced polyamide PA6.6
with overmoulded seal



Cable entry system dimensions



Metal plate perforation dimensions

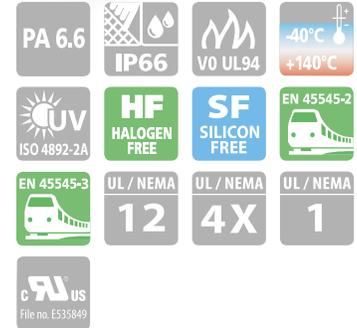
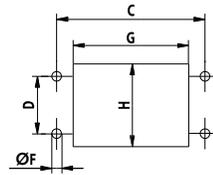


Diagram (grommets not included)



Marking/Approvals



Type

Black (RAL 9005) ■

Units in standard packaging

Units in minimum packaging

Dimensions and Weights

A

B

C

D

E

ØF

G

H

Weight

99.5 mm
61 mm
83 mm
32 mm
19.5 mm
5.5 mm
65 mm
36/46 mm
56 g

99.5 mm
61 mm
83 mm
32 mm
19.5 mm
5.5 mm
65 mm
36/46 mm
54 g

Material Specifications

Frame material

Light blue overmoulded seal material

Frame fastening screws material

Frame fastening nuts material

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x55) Class A2
Stainless steel Class A2

PA6.6 + GF

Thermoplastic elastomer (TPE)

Stainless steel (M5x55) Class A2

Stainless steel Class A2

Technical Specifications

Silicon free

Halogen free

ISO 4892-2A

ROHS compliant

Self-extinguishing class (UL 94)

Temperature range (static)

IP rating (EN 60529)

Number of small grommets, type A

Number of large grommets, type B

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
6
-

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
2
1

Certifications

UL/NEMA performance

UL Standard

UL file number

Cable clamping according to EN 62444

12, 4X indoor, 1
50E
E535849
YES

12, 4X indoor, 1
50E
E535849
YES

Accessories upon request

Stainless steel screws for wall attachment

External seal for uneven walls

Grommets

Punching set CEMBRE*

9001.M5X25
9006.10
6 x type A
RD46X65 ; RD36X65

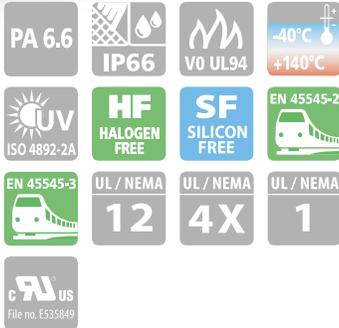
9001.M5X25
9006.10
2 x type A and 1 x type B
RD46X65 ; RD36X65

*see page 305, 343

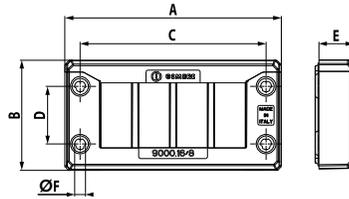
9000.16

SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES

made in glass-fibre reinforced polyamide PA6.6
with overmoulded seal



Cable entry system dimensions



Metal plate perforation dimensions

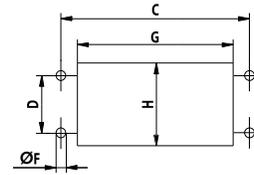


Diagram (grommets not included)



Marking/Approvals



Type

Black (RAL 9005) ■
Units in standard packaging
Units in minimum packaging

9000.16/8
10
10

9000.16/5
10
10

9000.16/2
10
10

Dimensions and Weights

A 120 mm
B 61 mm
C 103 mm
D 32 mm
E 19.5 mm
ØF 5.5 mm
G 86 mm
H 36/46 mm
Weight 62 g

120 mm
61 mm
103 mm
32 mm
19.5 mm
5.5 mm
86 mm
36/46 mm
62 g

120 mm
61 mm
103 mm
32 mm
19.5 mm
5.5 mm
86 mm
36/46 mm
60 g

120 mm
61 mm
103 mm
32 mm
19.5 mm
5.5 mm
86 mm
36/46 mm
58 g

Material Specifications

Frame material PA6.6 + GF
Light blue overmoulded seal material Thermoplastic elastomer (TPE)
Frame fastening screws material Stainless steel (M5x55) Class A2
Frame fastening nuts material Stainless steel Class A2

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x55) Class A2
Stainless steel Class A2

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x55) Class A2
Stainless steel Class A2

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x55) Class A2
Stainless steel Class A2

Technical Specifications

Silicon free YES
Halogen free YES
ISO 4892-2A YES
ROHS compliant YES
Self-extinguishing class (UL 94) V0
Temperature range (static) -40°C to +140°C
IP rating (EN 60529) IP 66
Number of small grommets, type A 8
Number of large grommets, type B -

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
8
-

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
4
1

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
-
2

Certifications

UL/NEMA performance 12, 4X indoor, 1
UL Standard 50E
UL file number E535849
Cable clamping according to EN 62444 YES

12, 4X indoor, 1
50E
E535849
YES

12, 4X indoor, 1
50E
E535849
YES

12, 4X indoor, 1
50E
E535849
YES

Accessories upon request

Stainless steel screws for wall attachment 9001.M5X25
External seal for uneven walls 9006.16
Grommets 8 x type A
Punching set CEMBRE* RD46X86 ; RD36X86

9001.M5X25
9006.16
8 x type A
RD46X86 ; RD36X86

9001.M5X25
9006.16
4 x type A and 1 x type B
RD46X86 ; RD36X86

9001.M5X25
9006.16
2 x type B
RD46X86 ; RD36X86

*see page 305, 343

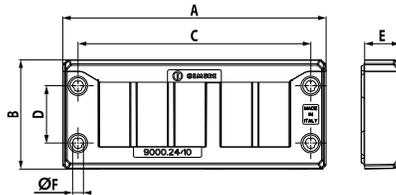
SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES

9000.24

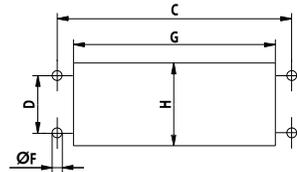
made in glass-fibre reinforced polyamide PA6.6
with overmoulded seal



Cable entry system dimensions



Metal plate perforation dimensions



PA 6.6	IP66	V0 UL94	-40°C +140°C
ISO 4892-2A	HF HALOGEN FREE	SF SILICON FREE	EN 45545-2
EN 45545-3	UL / NEMA 12	UL / NEMA 4X	UL / NEMA 1

Diagram (grommets not included)



Marking/Approvals



Type

Black (RAL 9005) ■

Units in standard packaging

Units in minimum packaging

Dimensions and Weights

A	147 mm
B	61 mm
C	130 mm
D	32 mm
E	19.5 mm
ØF	5.5 mm
G	112 mm
H	36/46 mm
Weight	75 g

9000.24/10

10

10

9000.24/7

10

10

9000.24/4

10

10

Material Specifications

Frame material	PA6.6 + GF
Light blue overmoulded seal material	Thermoplastic elastomer (TPE)
Frame fastening screws material	Stainless steel (M5x5.5) Class A2
Frame fastening nuts material	Stainless steel Class A2

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x5.5) Class A2
Stainless steel Class A2

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x5.5) Class A2
Stainless steel Class A2

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x5.5) Class A2
Stainless steel Class A2

Technical Specifications

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C to +140°C
IP rating (EN 60529)	IP 66
Number of small grommets, type A	10
Number of large grommets, type B	-

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
10
-

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
6
1

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
2
2

Certifications

UL/NEMA performance	12, 4X indoor, 1
UL Standard	50E
UL file number	E535849
Cable clamping according to EN 62444	YES

12, 4X indoor, 1
50E
E535849
YES

12, 4X indoor, 1
50E
E535849
YES

12, 4X indoor, 1
50E
E535849
YES

Accessories upon request

Stainless steel screws for wall attachment	9001.M5X25
External seal for uneven walls	9006.24
Grommets	10 x type A
Punching set CEMBRE®	RD46X112 ; RD36X112

9001.M5X25
9006.24
10 x type A
RD46X112 ; RD36X112

9001.M5X25
9006.24
6 x type A and 1 x type B
RD46X112 ; RD36X112

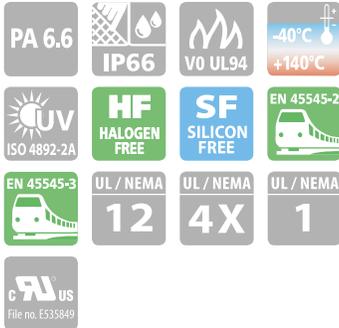
9001.M5X25
9006.24
2 x type A and 2 x type B
RD46X112 ; RD36X112

*see page 305, 343

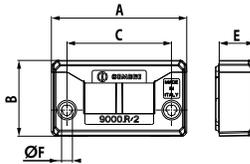
9000.R

SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES

made in glass-fibre reinforced polyamide PA6.6
with overmoulded seal



Cable entry system dimensions



Metal plate perforation dimensions

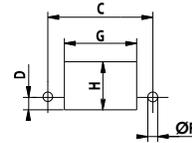


Diagram (grommets not included)



Marking/Approvals



Type

Black (RAL 9005) ■
Units in standard packaging
Units in minimum packaging

Dimensions and Weights

A	75 mm
B	42 mm
C	58 mm
D	5 mm
E	19.5 mm
ØF	5.5 mm
G	43 mm
H	24 mm
Weight	32 g

9000.R/2
10
10

9000.R/3
10
10

Material Specifications

Frame material
Light blue overmoulded seal material
Frame fastening screws material
Frame fastening nuts material

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x35) Class A2
Stainless steel Class A2

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x35) Class A2
Stainless steel Class A2

Technical Specifications

Silicon free
Halogen free
ISO 4892-2A
ROHS compliant
Self-extinguishing class (UL 94)
Temperature range (static)
IP rating (EN 60529)
Number of small grommets, type A
Number of large grommets, type B

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
2
-

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
3
-

Certifications

UL/NEMA performance
UL Standard
UL file number
Cable clamping according to EN 62444

12, 4X indoor, 1
50E
E535849
YES

12, 4X indoor, 1
50E
E535849
YES

Accessories upon request

Stainless steel screws for wall attachment
External seal for uneven walls
Grommets
Punching set CEMBRE*

9001.M5X25
9006.R2
2 x type A
RD24X43

9001.M5X25
9006.R3
3 x type A
RD24X65

*see page 305, 343

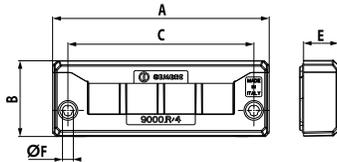
SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES

9000.R

made in glass-fibre reinforced polyamide PA6.6
with overmoulded seal



Cable entry system dimensions



Metal plate perforation dimensions

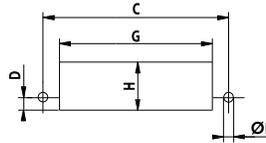


Diagram (grommets not included)



Marking/Approvals



Type

Black (RAL 9005) ■

Units in standard packaging

Units in minimum packaging

Dimensions and Weights

A

B

C

D

E

ØF

G

H

Weight

9000.R/4

10

10

120 mm

42 mm

103 mm

5 mm

19.5 mm

5.5 mm

86 mm

24 mm

46 g

9000.R/5

10

10

147 mm

42 mm

130 mm

5 mm

19.5 mm

5.5 mm

112 mm

24 mm

56 g

Material Specifications

Frame material

Light blue overmoulded seal material

Frame fastening screws material

Frame fastening nuts material

PA6.6 + GF

Thermoplastic elastomer (TPE)

Stainless steel (M5x35) Class A2

Stainless steel Class A2

PA6.6 + GF

Thermoplastic elastomer (TPE)

Stainless steel (M5x35) Class A2

Stainless steel Class A2

Technical Specifications

Silicon free

Halogen free

ISO 4892-2A

ROHS compliant

Self-extinguishing class (UL 94)

Temperature range (static)

IP rating (EN 60529)

Number of small grommets, type A

Number of large grommets, type B

YES

YES

YES

YES

V0

-40°C to +140°C

IP 66

4

-

YES

YES

YES

YES

V0

-40°C to +140°C

IP 66

5

-

Certifications

UL/NEMA performance

UL Standard

UL file number

Cable clamping according to EN 62444

12, 4X indoor, 1

50E

E535849

YES

12, 4X indoor, 1

50E

E535849

YES

Accessories upon request

Stainless steel screws for wall attachment

External seal for uneven walls

Grommets

Punching set CEMBRE*

9001.M5X25

9006.R4

4 x type A

RD24X86

9001.M5X25

9006.R5

5 x type A

RD24X112

*see page 305, 343

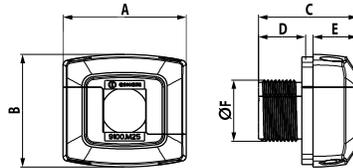
9100.M25

CIRCULAR SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES

made in glass-fibre reinforced polyamide PA6.6
with overmoulded seal



Cable entry system dimensions



Metal plate perforation dimensions

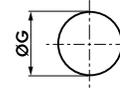


Diagram (grommets not included)



Marking/Approvals



Type

Grey (RAL 7035)
Black (RAL 9005)
Units in standard packaging
Units in minimum packaging

9100.M25
9100.M25N
10
10

Dimensions and Weights

A
B
C
D
E
ØF
ØG
Weight

50.0 mm
45.5 mm
40 mm
19 mm
18 mm
M25X1.5
25.4 mm
63 g

Material Specifications

Frame material
Light blue overmoulded seal material
Frame fastening screws material
Frame fastening nuts material

PA6.6 + GF
Thermoplastic elastomer (TPE)
Stainless steel (M5x35) Class A2
Stainless steel Class A2

Technical Specifications

Silicon free
Halogen free
ISO 4892-2A
ROHS compliant
Self-extinguishing class (UL 94)
Temperature range (static)
IP rating (EN 60529)
Number of small grommets, type A
Number of large grommets, type B
Counter nut included

YES
YES
YES
YES
V0
-40°C to +140°C
IP 66
1
-
1143M25

Certifications

NEMA performance
UL Standard
UL file number
Cable clamping according to EN 62444

12, 4X indoor, 1
50E
*Pending
YES

Accessories upon request

Grommets
Punching set CEMBRE**
Split bushing

1 x type A
RD25.4SS
9110.M25 ; 9110.M25N

**see page 305, 343

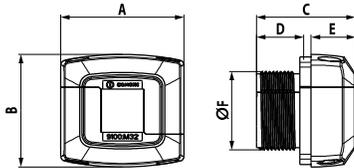
CIRCULAR SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES

9100.M32

made in glass-fibre reinforced polyamide PA6.6
with overmoulded seal



Cable entry system dimensions



Metal plate perforation dimensions

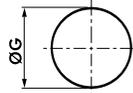


Diagram (grommets not included)

Marking/Approvals

Type

Grey (RAL 7035)

Black (RAL 9005)

Units in standard packaging

Units in minimum packaging

Dimensions and Weights

A

B

C

D

E

ØF

ØG

Weight

Material Specifications

Frame material

Light blue overmoulded seal material

Frame fastening screws material

Frame fastening nuts material

Technical Specifications

Silicon free

Halogen free

ISO 4892-2A

ROHS compliant

Self-extinguishing class (UL 94)

Temperature range (static)

IP rating (EN 60529)

Number of small grommets, type A

Number of large grommets, type B

Counter nut included

Certifications

NEMA performance

UL Standard

UL file number

Cable clamping according to EN 62444

Accessories upon request

Grommets

Punching set CEMBRE**

Split bushing



9100.M32

9100.M32N

10

10

50.0 mm

45.5 mm

40 mm

19 mm

18 mm

M32X1.5

32.5 mm

66 g

PA6.6 + GF

Thermoplastic elastomer (TPE)

Stainless steel (M5x35) Class A2

Stainless steel Class A2

YES

YES

YES

YES

VO

-40°C to +140°C

IP 66

1

-

1143M32

12, 4X indoor, 1

50E

*Pending

YES

1 x type A

RD32.555

9110.M32; 9110.M32N



**see page 305, 343

9100.M50

CIRCULAR SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES

made in glass-fibre reinforced polyamide PA6.6
with overmoulded seal



Cable entry system dimensions

Metal plate perforation dimensions

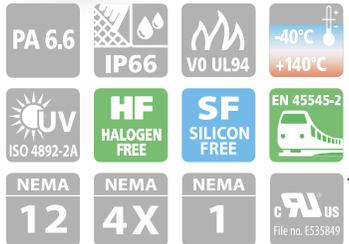
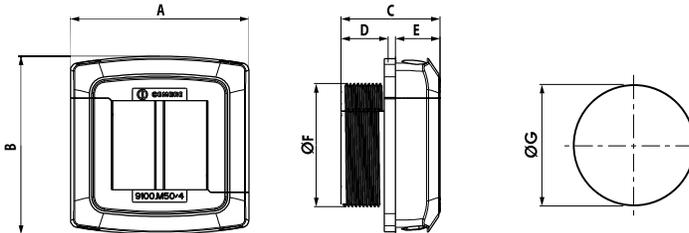


Diagram (grommets not included)

Marking/Approvals

Type

- Grey (RAL 7035)
- Black (RAL 9005)
- Units in standard packaging
- Units in minimum packaging

Dimensions and Weights

A	72 mm
B	72 mm
C	40 mm
D	19 mm
E	18 mm
ØF	M50X1.5
ØG	50.5 mm
Weight	118 g

Material Specifications

Frame material	PA6.6 + GF
Light blue overmoulded seal material	Thermoplastic elastomer (TPE)
Frame fastening screws material	Stainless steel (M5x55) Class A2
Frame fastening nuts material	Stainless steel Class A2

Technical Specifications

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C to +140°C
IP rating (EN 60529)	IP 66
Number of small grommets, type A	-
Number of large grommets, type B	1
Counter nut included	1143M50

Certifications

NEMA performance	12, 4X indoor, 1
UL Standard	50E
UL file number	*Pending
Cable clamping according to EN 62444	YES

Accessories upon request

Grommets	1 x type B
Punching set CEMBRE**	RD50.55S
Split bushing	9110.M50 ; 9110.M50N



9100.M50/1
9100.M50/1N
10
10



9100.M50/4
9100.M50/4N
10
10

**see page 305, 343

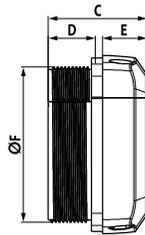
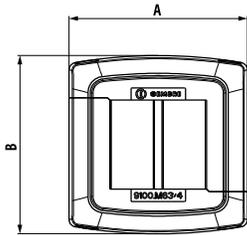
CIRCULAR SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES

9100.M63

made in glass-fibre reinforced polyamide PA6.6
with overmoulded seal



Cable entry system dimensions



Metal plate perforation dimensions

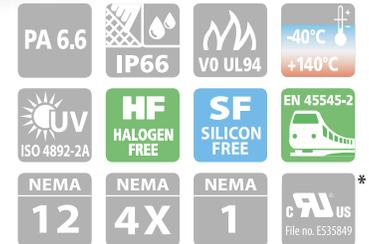
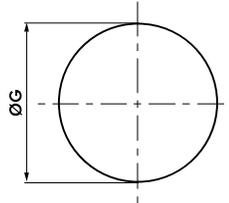


Diagram (grommets not included)



Marking/Approvals



Type

Grey (RAL 7035)

Black (RAL 9005)

Units in standard packaging

Units in minimum packaging

Dimensions and Weights

A

B

C

D

E

ØF

ØG

Weight

9100.M63/1

9100.M63/1N

10

10

72 mm

72 mm

40 mm

19 mm

18 mm

M63X1.5

64 mm

126 g

9100.M63/4

9100.M63/4N

10

10

72 mm

72 mm

40 mm

19 mm

18 mm

M63X1.5

64 mm

128 g

Material Specifications

Frame material

Light blue overmoulded seal material

Frame fastening screws material

Frame fastening nuts material

PA6.6 + GF

Thermoplastic elastomer (TPE)

Stainless steel (M5x55) Class A2

Stainless steel Class A2

PA6.6 + GF

Thermoplastic elastomer (TPE)

Stainless steel (M5x55) Class A2

Stainless steel Class A2

Technical Specifications

Silicon free

Halogen free

ISO 4892-2A

ROHS compliant

Self-extinguishing class (UL 94)

Temperature range (static)

IP rating (EN 60529)

Number of small grommets, type A

Number of large grommets, type B

Counter nut included

YES

YES

YES

YES

V0

-40°C to +140°C

IP 66

-

1

1143M63

YES

YES

YES

YES

V0

-40°C to +140°C

IP 66

4

-

1143M63

Certifications

NEMA performance

UL Standard

UL file number

Cable clamping according to EN 62444

12, 4X indoor, 1

50E

*Pending

YES

12, 4X indoor, 1

50E

*Pending

YES

Accessories upon request

Grommets

Punching set CEMBRE**

Split bushing

1 x type B

RD64SS

9110.M63 ; 9110.M63N

4 x type A

RD64SS

9110.M63 ; 9110.M63N

**see page 305, 343

9.A1D

GROMMETS FOR SPLIT CABLE ENTRY SYSTEMS

in Thermoplastic elastomer (TPE) - Type A small

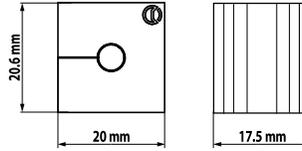


Diagram	Type A	Colour	No. Holes	Hole Position	Cable diameter mm	Weight g	Standard/minimum packaging
	9.AD0	Grey	0	-	-	7.0	100/10
	9.AD0N	Black	0	-	-	7.0	100/10
	9.A1D1	Grey	1	Central	1-2	7.0	100/10
	9.A1D1N	Black	1	Central	1-2	7.0	100/10
	9.A1D2	Grey	1	Central	2-3	6.9	100/10
	9.A1D2N	Black	1	Central	2-3	6.9	100/10
	9.A1D3	Grey	1	Central	3-4	6.9	100/10
	9.A1D3N	Black	1	Central	3-4	6.9	100/10
	9.A1D4	Grey	1	Central	4-5	6.8	100/10
	9.A1D4N	Black	1	Central	4-5	6.8	100/10
	9.A1D5	Grey	1	Central	5-6	6.6	100/10
	9.A1D5N	Black	1	Central	5-6	6.6	100/10
	9.A1D6	Grey	1	Central	6-7	6.4	100/10
	9.A1D6N	Black	1	Central	6-7	6.4	100/10
	9.A1D7	Grey	1	Central	7-8	6.2	100/10
	9.A1D7N	Black	1	Central	7-8	6.2	100/10
	9.A1D8	Grey	1	Central	8-9	6.0	100/10
	9.A1D8N	Black	1	Central	8-9	6.0	100/10
	9.A1D9	Grey	1	Central	9-10	5.8	100/10
	9.A1D9N	Black	1	Central	9-10	5.8	100/10
	9.A1D10	Grey	1	Central	10-11	5.5	100/10
	9.A1D10N	Black	1	Central	10-11	5.5	100/10
	9.A1D11	Grey	1	Central	11-12	5.2	100/10
	9.A1D11N	Black	1	Central	11-12	5.2	100/10
	9.A1D12	Grey	1	Central	12-13	4.8	100/10
	9.A1D12N	Black	1	Central	12-13	4.8	100/10
	9.A1D13	Grey	1	Central	13-14	4.4	100/10
	9.A1D13N	Black	1	Central	13-14	4.4	100/10
	9.A1D14	Grey	1	Central	14-15	4.0	100/10
	9.A1D14N	Black	1	Central	14-15	4.0	100/10
	9.A1D15	Grey	1	Central	15-16	3.6	100/10
	9.A1D15N	Black	1	Central	15-16	3.6	100/10
	9.A1D16	Grey	1	Central	16-16.5	3.4	100/10
	9.A1D16N	Black	1	Central	16-16.5	3.4	100/10
	9.A1D17	Grey	1	Central	16.5-17	3.2	100/10
	9.A1D17N	Black	1	Central	16.5-17	3.2	100/10

Material: THERMOPLASTIC ELASTOMER (TPE)
 self-extinguishing cl. V0 (UL 94)
 Operating temperature range:
 -40°C to +100°C (static)
 Colour:
 • grey RAL 7004
 • black RAL 9005

Application range:
 suitable for housing and clamping
 even pre-wired cables, ensuring
 that the system retains its **IP 66 (EN 60529) protection rating**.
 To be inserted into the seats of the
 frames.

Certifications:
 • UL/NEMA performance:
 12, 4X indoor, 1
 • UL Standard: 50E
 • UL file number: E535849
 • Cable clamping according to
 EN 62444

GROMMETS FOR SPLIT CABLE ENTRY SYSTEMS

9.A2D

in Thermoplastic elastomer (TPE) - Type A small

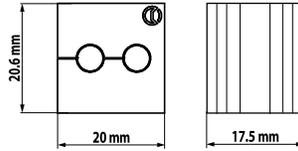
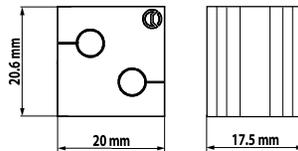
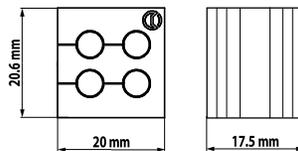


Diagram	Type A	Colour	No. Holes	Hole Position	Cable diameter mm	Weight g	Standard/minimum packaging
	9.A2D2	Grey	2	2 X Standard	2-3	6.9	100/10
	9.A2D2N	Black	2	2 X Standard	2-3	6.9	100/10
	9.A2D3	Grey	2	2 X Standard	3-4	6.7	100/10
	9.A2D3N	Black	2	2 X Standard	3-4	6.7	100/10
	9.A2D4	Grey	2	2 X Standard	4-5	6.5	100/10
	9.A2D4N	Black	2	2 X Standard	4-5	6.5	100/10
	9.A2D5	Grey	2	2 X Standard	5-6	6.2	100/10
	9.A2D5N	Black	2	2 X Standard	5-6	6.2	100/10
	9.A2D6	Grey	2	2 X Standard	6-7	5.9	100/10
	9.A2D6N	Black	2	2 X Standard	6-7	5.9	100/10



	9.A2D7	Grey	2	2 X Oblique	7-8	5.5	100/10
	9.A2D7N	Black	2	2 X Oblique	7-8	5.5	100/10
	9.A2D8	Grey	2	2 X Oblique	8-9	5.0	100/10
	9.A2D8N	Black	2	2 X Oblique	8-9	5.0	100/10



	9.A4D2	Grey	4	4 X Standard	2-3	6.7	100/10
	9.A4D2N	Black	4	4 X Standard	2-3	6.7	100/10
	9.A4D3	Grey	4	4 X Standard	3-4	6.4	100/10
	9.A4D3N	Black	4	4 X Standard	3-4	6.4	100/10
	9.A4D4	Grey	4	4 X Standard	4-5	6.0	100/10
	9.A4D4N	Black	4	4 X Standard	4-5	6.0	100/10
	9.A4D5	Grey	4	4 X Standard	5-6	5.4	100/10
	9.A4D5N	Black	4	4 X Standard	5-6	5.4	100/10
	9.A4D6	Grey	4	4 X Standard	6-7	4.7	100/10
	9.A4D6N	Black	4	4 X Standard	6-7	4.7	100/10



Material: THERMOPLASTIC ELASTOMER (TPE)
 self-extinguishing cl. V0 (UL 94)
 Operating temperature range:
 -40°C to +100°C (static)
 Colour:
 • grey RAL 7004
 • black RAL 9005

Application range:
 suitable for housing and clamping
 even pre-wired cables, ensuring
 that the system retains its **IP 66 (EN 60529) protection rating**.
 To be inserted into the seats of the frames.

Certifications:
 • UL/NEMA performance:
 12, 4X indoor, 1
 • UL Standard: 50E
 • UL file number: E535849
 • Cable clamping according to
 EN 62444

9.B1D

GROMMETS FOR SPLIT CABLE ENTRY SYSTEMS

in Thermoplastic elastomer (TPE) - Type B large

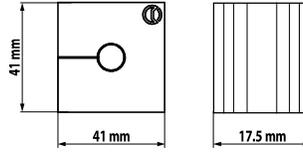


Diagram	Type B	Colour	No. Holes	Hole Position	Cable diameter mm	Weight g	Standard/minimum packaging
	9.BD0	Grey	0	-	-	30	30/10
	9.BD0N	Black	0	-	-	30	30/10
	9.B1D16	Grey	1	Central	16-17	26	30/10
	9.B1D16N	Black	1	Central	16-17	26	30/10
	9.B1D17	Grey	1	Central	17-18	25	30/10
	9.B1D17N	Black	1	Central	17-18	25	30/10
	9.B1D18	Grey	1	Central	18-19	25	30/10
	9.B1D18N	Black	1	Central	18-19	25	30/10
	9.B1D19	Grey	1	Central	19-20	24	30/10
	9.B1D19N	Black	1	Central	19-20	24	30/10
	9.B1D20	Grey	1	Central	20-21	24	30/10
	9.B1D20N	Black	1	Central	20-21	24	30/10
	9.B1D21	Grey	1	Central	21-22	23	30/10
	9.B1D21N	Black	1	Central	21-22	23	30/10
	9.B1D22	Grey	1	Central	22-23	22	30/10
	9.B1D22N	Black	1	Central	22-23	22	30/10
	9.B1D23	Grey	1	Central	23-24	22	30/10
	9.B1D23N	Black	1	Central	23-24	22	30/10
	9.B1D24	Grey	1	Central	24-25	21	30/10
	9.B1D24N	Black	1	Central	24-25	21	30/10
	9.B1D25	Grey	1	Central	25-26	20	30/10
	9.B1D25N	Black	1	Central	25-26	20	30/10
	9.B1D26	Grey	1	Central	26-27	20	30/10
	9.B1D26N	Black	1	Central	26-27	20	30/10
	9.B1D27	Grey	1	Central	27-28	19	30/10
	9.B1D27N	Black	1	Central	27-28	19	30/10
	9.B1D28	Grey	1	Central	28-29	18	30/10
	9.B1D28N	Black	1	Central	28-29	18	30/10
	9.B1D29	Grey	1	Central	29-30	17	30/10
	9.B1D29N	Black	1	Central	29-30	17	30/10
	9.B1D30	Grey	1	Central	30-31	16	30/10
	9.B1D30N	Black	1	Central	30-31	16	30/10
	9.B1D31	Grey	1	Central	31-32	15	30/10
	9.B1D31N	Black	1	Central	31-32	15	30/10
	9.B1D32	Grey	1	Central	32-33	14	30/10
	9.B1D32N	Black	1	Central	32-33	14	30/10
	9.B1D33	Grey	1	Central	33-34	13	30/10
	9.B1D33N	Black	1	Central	33-34	13	30/10
	9.B1D34	Grey	1	Central	34-35	12	30/10
	9.B1D34N	Black	1	Central	34-35	12	30/10

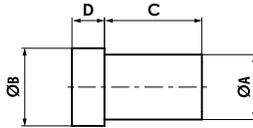
Material: THERMOPLASTIC ELASTOMER (TPE)
 self-extinguishing cl. V0 (UL 94)
 Operating temperature range:
 -40°C to +100°C (static)
 Colour:
 • grey RAL 7004
 • black RAL 9005

Application range:
 suitable for housing and clamping
 even pre-wired cables, ensuring
 that the system retains its **IP 66 (EN 60529) protection rating**.
 To be inserted into the seats of the
 frames.

Certifications:
 • UL/NEMA performance:
 12, 4X indoor, 1
 • UL Standard: 50E
 • UL file number: E535849
 • Cable clamping according to
 EN 62444

BLINDPLUGS

in Polyamide PA6.6



9005.D



Type	Colour	ØA mm	ØB mm	C mm	D mm	Standard/minimum packaging
9005.D2	White <input type="checkbox"/>	2	4	20	5	250/25
9005.D3	White <input type="checkbox"/>	3	5	20	5	250/25
9005.D4	White <input type="checkbox"/>	4	6	20	5	250/25
9005.D5	White <input type="checkbox"/>	5	7	20	5	250/25
9005.D6	White <input type="checkbox"/>	6	8	20	5	250/25
9005.D7	White <input type="checkbox"/>	7	9	20	5	250/25
9005.D8	White <input type="checkbox"/>	8	10	15	5	250/25
9005.D9	White <input type="checkbox"/>	9	11	15	5	250/25
9005.D10	White <input type="checkbox"/>	10	12	15	5	250/25
9005.D11	White <input type="checkbox"/>	11	13	15	5	250/25
9005.D12	White <input type="checkbox"/>	12	14	15	5	250/25
9005.D13	White <input type="checkbox"/>	13	15	15	5	250/25
9005.D14	White <input type="checkbox"/>	14	16	15	5	250/25
9005.D15	White <input type="checkbox"/>	15	17	15	5	250/25
9005.D16	White <input type="checkbox"/>	16	18	15	5	250/25
9005.D17	White <input type="checkbox"/>	17	19	15	5	250/25

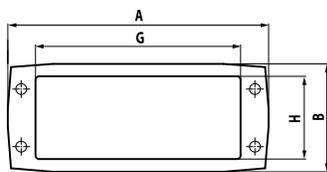
Material: POLYAMIDE PA6.6
 Operating temperature range:
 -40°C to +100°C (static)
 Colour: White

Application range:
 suitable for closing unused
 grommet holes, ensuring that the
 system retains its **IP 66 (EN 60529)**
protection rating.

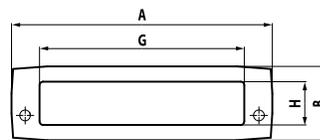
9006

RECTANGULAR FLAT SEALS

in Nitrile butadiene NBR 70 sh



4 holes



2 holes



Material:
NITRILE BUTADIENE NBR 70 sh
Operating temperature range:
from -30°C to +100°C
Colour: black

Application range:
suitable for maintaining IP 66
(EN 60529) protection rating on
uneven walls.

Type	For Cable Entry system Type	Holes	Colour	A mm	B mm	G mm	H mm	Standard/minimum packaging
9006.Q	9000.Q	4	Black	72	60	45	45	100/10
9006.10	9000.10	4	Black	98	60	67	46	100/10
9006.16	9000.16	4	Black	118	60	88	46	100/10
9006.24	9000.24	4	Black	145	60	114	46	100/10
9006.R/2	9000.R/2	2	Black	72	41	45	24	100/10
9006.R/3	9000.R/3	2	Black	98	41	67	24	100/10
9006.R/4	9000.R/4	2	Black	118	41	88	24	100/10
9006.R/5	9000.R/5	2	Black	145	41	114	24	100/10

INTUMESCENT GASKETS FOR FIRE BARRIERS

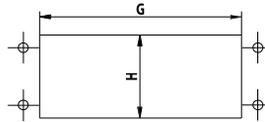
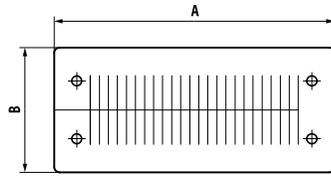
9007FR

in intumescent graphite-based material

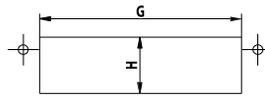
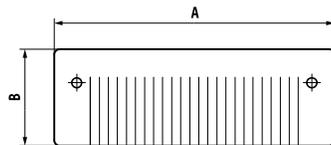


Gasket dimensions

Metal plate perforation dimensions



4 holes



2 holes



Type	For Cable Entry system Type	Holes	Colour	A mm	B mm	G mm	H mm	Standard/minimum packaging
9007FR.Q	9000.Q	4	Dark grey	83	69	43	43	50/10
9007FR.10	9000.10	4	Dark grey	108	69	65	36/46	50/10
9007FR.16	9000.16	4	Dark grey	128	69	86	36/46	50/10
9007FR.24	9000.24	4	Dark grey	155	69	112	36/46	50/10
9007FR.R/2	9000.R/2	2	Dark grey	83	50	43	24	50/10
9007FR.R/3	9000.R/3	2	Dark grey	108	50	65	24	50/10
9007FR.R/4	9000.R/4	2	Dark grey	128	50	86	24	50/10
9007FR.R/5	9000.R/5	2	Dark grey	155	50	112	24	50/10

The seals are made of a flexible graphite-based intumescent material.

This material expands when exposed to high temperatures. A stable and compact foam is formed that quickly closes spaces and other openings.

This foam acts as a barrier and prevents the propagation of heat, fire and smoke.

Material: INTUMESCENT graphite-based

Colour: Dark grey

Field of application: the intumescent seals of the 9007FR series are used on EWO series frames for fire protection according to EN45545-3



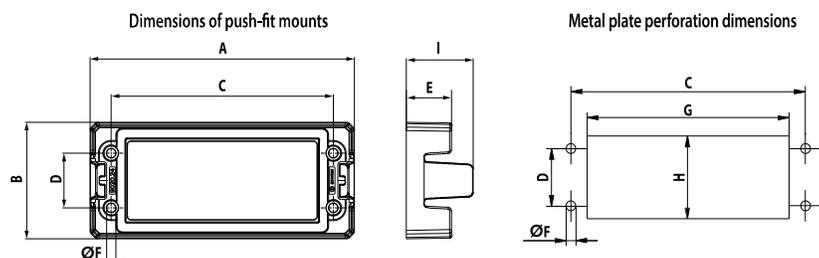
adhesive intumescent seal on a roll (5000x18x2.5)

Type	For Cable Entry system Type	Colour	Number of Cable Entry that can be set up with 1 roll	Standard/minimum packaging
9007FR/ROLL	9000.Q	Dark grey	14 pcs	1 roll (5 metres)
	9000.10		12 pcs	
	9000.16		11 pcs	
	9000.24		10 pcs	
	9000.R/2		16 pcs	
	9000.R/3		14 pcs	
	9000.R/4		12 pcs	
	9000.R/5		11 pcs	

accessories on request

Accessories on request	Description	Standard/minimum packaging
Stainless steel screws for wall mounting	9001.M5X25	40
	9001.M5X35	40
	9001.M5X40	40
Stainless steel washers under the screw heads	9001.D5XL	40

in Polyphenylene PPE + Polystyrene PS



Marking/Approvals	RoHS COMPLIANT 2011/65/EU CE UK CA			
Type				
Black (RAL 9005) ■	9020.Q	9020.10	9020.16	9020.24
Units in standard packaging	10	10	10	10
Units in minimum packaging	10	10	10	10
Dimensions and Weights				
A	83 mm	107 mm	128 mm	155 mm
B	68 mm	68 mm	68 mm	68 mm
C	58 mm	83 mm	103 mm	130 mm
D	32 mm	32 mm	32 mm	32 mm
E	26.5 mm	26.5 mm	26.5 mm	26.5 mm
ØF	5.5 mm	5.5 mm	5.5 mm	5.5 mm
G	43 mm	65 mm	86 mm	112 mm
H	43 mm	36/46 mm	36/46 mm	36/46 mm
I	39.3 mm	39.3 mm	39.3 mm	39.3 mm
Weight	60 g	72 g	80 g	91 g
Material Specifications				
Frame material	PPE + PS	PPE + PS	PPE + PS	PPE + PS
Integrated sale material	Nitrile butadiene NBR 70 sh			
Technical Specifications				
Silicon free	YES	YES	YES	YES
Halogen free	YES	YES	YES	YES
ISO 4892-2A	YES	YES	YES	YES
ROHS compliant	YES	YES	YES	YES
Self-extinguishing class (UL 94)	V0	V0	V0	V0
Temperature range (static)	-40°C to +140°C	-40°C to +140°C	-40°C to +140°C	-40°C to +140°C
IP rating (EN 60529)	IP 54	IP 54	IP 54	IP 54
Accessories upon request				
Stainless steel screws for wall attachment	9001.M5X20	9001.M5X20	9001.M5X20	9001.M5X20
Punching set CEMBRE*	RD43X43	RD46X65 ; RD36X65	RD46X86 ; RD36X86	RD46X112 ; RD36X112

*see page 305, 343

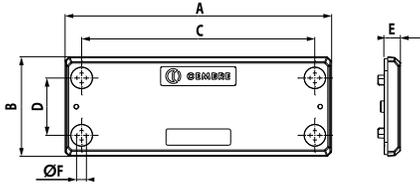
CLOSING PLATES WITH SCREWS

9010

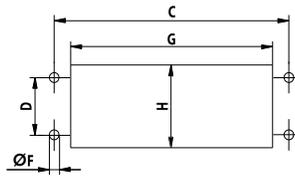
made of glass-fibre reinforced Polypropylene



Dimensions of closing plates



Metal plate perforation dimensions



Marking/Approvals	RoHS COMPLIANT 2011/65/EU CE UK CA			
Type				
Black (RAL 9005) ■	9010.Q	9010.10	9010.16	9010.24
Units in standard packaging	10	10	10	10
Units in minimum packaging	10	10	10	10
Dimensions and Weights				
A	76.5 mm	101.5 mm	121.5 mm	148.5 mm
B	55.5 mm	55.5 mm	55.5 mm	55.5 mm
C	58 mm	83 mm	103 mm	130 mm
D	32 mm	32 mm	32 mm	32 mm
E	9 mm	9 mm	9 mm	9 mm
ØF	5.5 mm	5.5 mm	5.5 mm	5.5 mm
G	43 mm	65 mm	86 mm	112 mm
H	43 mm	36/46 mm	36/46 mm	36/46 mm
Weight	23 g	30 g	35 g	41 g
Material Specifications				
Frame material	PP + GF	PP + GF	PP + GF	PP + GF
Black overmoulded seal material	Thermoplastic elastomer (TPE)	Thermoplastic elastomer (TPE)	Thermoplastic elastomer (TPE)	Thermoplastic elastomer (TPE)
Technical Specifications				
Silicon free	YES	YES	YES	YES
Halogen free	YES	YES	YES	YES
ISO 4892-2A	YES	YES	YES	YES
ROHS compliant	YES	YES	YES	YES
Self-extinguishing class (UL 94)	VO	VO	VO	VO
Temperature range (static)	-40°C to +140°C	-40°C to +140°C	-40°C to +140°C	-40°C to +140°C
IP rating (EN 60529)	IP 66	IP 66	IP 66	IP 66
Accessories upon request				
Stainless steel screws for wall attachment	9001.M5X20	9001.M5X20	9001.M5X20	9001.M5X20
Punching set CEMBRE*	RD43X43	RD46X65 ; RD36X65	RD46X86 ; RD36X86	RD46X112 ; RD36X112

*see page 305, 343

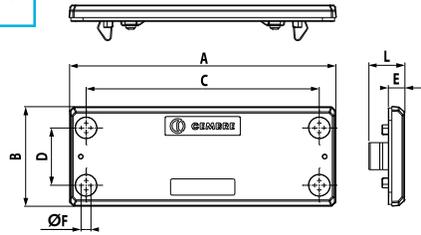
9010-SO

SNAP-ON CLOSING PLATES

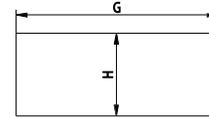
made of glass-fibre reinforced Polypropylene



Dimensions of closing plates



Metal plate perforation dimensions



Marking/Approvals



Type

Black (RAL 9005) ■
Units in standard packaging
Units in minimum packaging

Dimensions and Weights

A	76.5 mm
B	55.5 mm
C	58 mm
D	32 mm
E	9 mm
ØF	5.5 mm
G	43 mm
H	43 mm
L	20 mm
Weight	30 g

9010.Q-SO

Units in standard packaging	10
Units in minimum packaging	10

9010.10-SO

Units in standard packaging	10
Units in minimum packaging	10

9010.16-SO

Units in standard packaging	10
Units in minimum packaging	10

9010.24-SO

Units in standard packaging	10
Units in minimum packaging	10

Material Specifications

Frame material	PP + GF
Black overmoulded seal material	Thermoplastic elastomer (TPE)
Spring material	Inox

Frame material	PP + GF
Black overmoulded seal material	Thermoplastic elastomer (TPE)
Spring material	Inox

Frame material	PP + GF
Black overmoulded seal material	Thermoplastic elastomer (TPE)
Spring material	Inox

Frame material	PP + GF
Black overmoulded seal material	Thermoplastic elastomer (TPE)
Spring material	Inox

Frame material	PP + GF
Black overmoulded seal material	Thermoplastic elastomer (TPE)
Spring material	Inox

Technical Specifications

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C to +140°C
IP rating (EN 60529)	IP 54
Fastening on sheet metal thicknesses	1.5 to 4 mm

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C to +140°C
IP rating (EN 60529)	IP 54
Fastening on sheet metal thicknesses	1.5 to 4 mm

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C to +140°C
IP rating (EN 60529)	IP 54
Fastening on sheet metal thicknesses	1.5 to 4 mm

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C to +140°C
IP rating (EN 60529)	IP 54
Fastening on sheet metal thicknesses	1.5 to 4 mm

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C to +140°C
IP rating (EN 60529)	IP 54
Fastening on sheet metal thicknesses	1.5 to 4 mm

Accessories upon request

Punching set CEMBRE*	RD43X43
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Punching set CEMBRE*	RD46X65; RD36X65
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Punching set CEMBRE*	RD46X86; RD36X86
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Punching set CEMBRE*	RD46X86; RD36X86
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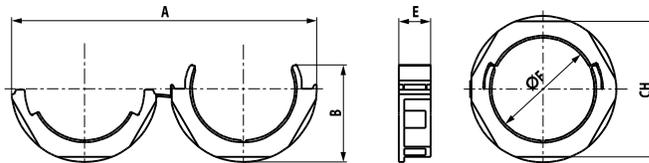
Punching set CEMBRE*	RD46X112; RD36X112
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*see page 305, 343

9110

SPLIT BUSHING FOR CIRCULAR SPLIT CABLE ENTRY SYSTEMS

in Polyamide PA6



Type	Colour	ØF mm	A mm	B mm	E mm	CH mm	Weight g	Standard/minimum packaging
9110.M25	Grey	M25x1.5	74	23	9	32	3	100/10
9110.M25N	Black	M25x1.5	74	23	9	32	3	100/10
9110.M32	Grey	M32x1.5	92	29	12	40	6	50/10
9110.M32N	Black	M32x1.5	92	29	12	40	6	50/10
9110.M50	Grey	M50x1.5	144	46	15	64	18	20/10
9110.M50N	Black	M50x1.5	144	46	15	64	18	20/10

CABLE ENTRY WITH MEMBRANE TWO-COMPONENT FOR UNMARKED CABLES SERIES 9200



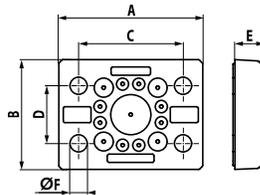
9200.Q

MEMBRANE CABLE ENTRY FOR UNMARKED CABLES

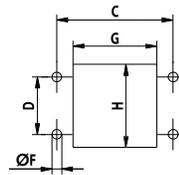
in glass fibre reinforced PP polypropylene + TPE elastomer



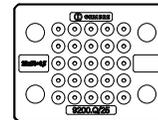
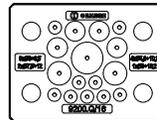
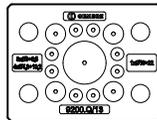
Cable entry system dimensions



Metal plate perforation dimensions



Diagram



Marking/Approvals



Type

Grey (RAL 7004)

Units in standard packaging

Units in minimum packaging

9200.Q/13

10

10

9200.Q/16

10

10

9200.Q/25

10

10

Dimensions and Weights

A	80 mm
B	61 mm
C	58 mm
D	32 mm
E	16 mm
ØF	5.5 mm
G	43 mm
H	43 mm
Weight	60 g

A	80 mm
B	61 mm
C	58 mm
D	32 mm
E	16 mm
ØF	5.5 mm
G	43 mm
H	43 mm
Weight	60 g

A	80 mm
B	61 mm
C	58 mm
D	32 mm
E	16 mm
ØF	5.5 mm
G	43 mm
H	43 mm
Weight	60 g

A	80 mm
B	61 mm
C	58 mm
D	32 mm
E	16 mm
ØF	5.5 mm
G	43 mm
H	43 mm
Weight	60 g

Material Specifications

Frame material	PP + GF
Overmoulded material	TPE elastomer

Frame material	PP + GF
Overmoulded material	TPE elastomer

Frame material	PP + GF
Overmoulded material	TPE elastomer

Frame material	PP + GF
Overmoulded material	TPE elastomer

Technical Specifications

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C a +100°C
IP rating (EN 60529)	IP 66
Total number of cables	13

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C a +100°C
IP rating (EN 60529)	IP 66
Total number of cables	16

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C a +100°C
IP rating (EN 60529)	IP 66
Total number of cables	25

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C a +100°C
IP rating (EN 60529)	IP 66
Total number of cables	25

Number of cables x cable Ø range

Number of cables x cable Ø range	8 x Ø 3÷6.5 mm 4 x Ø 4.8÷10.2 mm 1 x Ø 16÷22 mm
----------------------------------	---

Number of cables x cable Ø range	9 x Ø 3÷6.5 mm 4 x Ø 4.8÷10.2 mm 2 x Ø 7.5÷12 mm 1 x Ø 9÷16.2 mm
----------------------------------	---

Number of cables x cable Ø range	25 x Ø 3÷6.5 mm
----------------------------------	-----------------

Number of cables x cable Ø range	25 x Ø 3÷6.5 mm
----------------------------------	-----------------

Certifications

NEMA performance	12
UL Standard	50E
UL file number	*Pending

NEMA performance	12
UL Standard	50E
UL file number	*Pending

NEMA performance	12
UL Standard	50E
UL file number	*Pending

NEMA performance	12
UL Standard	50E
UL file number	*Pending

Accessories upon request

Stainless steel screws for wall attachment	9001.M5X20
Punching set CEMBRE**	RD43X43

Stainless steel screws for wall attachment	9001.M5X20
Punching set CEMBRE**	RD43X43

Stainless steel screws for wall attachment	9001.M5X20
Punching set CEMBRE**	RD43X43

Stainless steel screws for wall attachment	9001.M5X20
Punching set CEMBRE**	RD43X43

**see page 305, 343

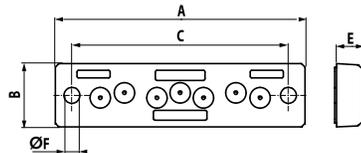
MEMBRANE CABLE ENTRY FOR UNMARKED CABLES

9200.R5

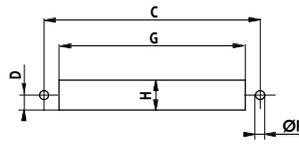
in glass fibre reinforced PP polypropylene + TPE elastomer



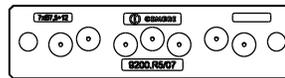
Cable entry system dimensions



Metal plate perforation dimensions



Diagram



Marking/Approvals



Type

Grey (RAL 7004)

Units in standard packaging

Units in minimum packaging

Dimensions and Weights

A

B

C

D

E

ØF

G

H

Weight

Material Specifications

Frame material

Overmoulded material

Technical Specifications

Silicon free

Halogen free

ISO 4892-2A

ROHS compliant

Self-extinguishing class (UL 94)

Temperature range (static)

IP rating (EN 60529)

Total number of cables

Number of cables x cable Ø range

Certifications

NEMA performance

UL Standard

UL file number

Accessories upon request

Stainless steel screws for wall attachment

Punching set CEMBRE**

9200.R5/7

10

10

150 mm

38 mm

130 mm

9/12 mm

16 mm

5.5 mm

112 mm

18/24 mm

75 g

PP + GF

TPE elastomer

YES

YES

YES

YES

V0

-40°C a +100°C

IP 66

7

7 x Ø 7.5÷12 mm

12

50E

*Pending

9001.M5X25

RD24X112

9200.R5/21

10

10

150 mm

38 mm

130 mm

9/12 mm

16 mm

5.5 mm

112 mm

18/24 mm

75 g

PP + GF

TPE elastomer

YES

YES

YES

YES

V0

-40°C a +100°C

IP 66

21

21 x Ø 3÷6.5 mm

12

50E

*Pending

9001.M5X25

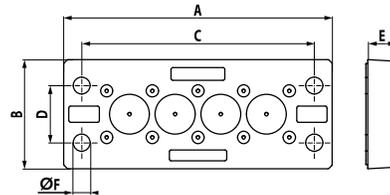
RD24X112

**see page 305, 343

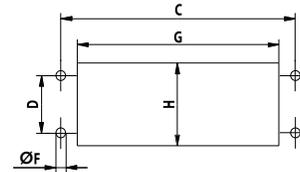
in glass fibre reinforced PP polypropylene + TPE elastomer



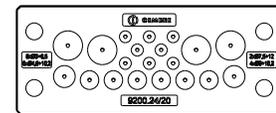
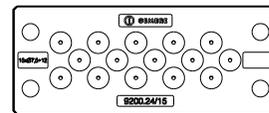
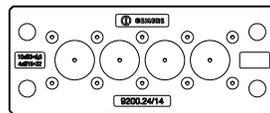
Cable entry system dimensions



Metal plate perforation dimensions



Diagram



Marking/Approvals



Type

Grey (RAL 7004)
 Units in standard packaging
 Units in minimum packaging

9200.24/14
 10
 10

9200.24/15
 10
 10

9200.24/20
 10
 10

Dimensions and Weights

A
 B
 C
 D
 E
 ØF
 G
 H
 Weight

150 mm
 61 mm
 130 mm
 32 mm
 16 mm
 5.5 mm
 112 mm
 36/46 mm
 110 g

150 mm
 61 mm
 130 mm
 32 mm
 16 mm
 5.5 mm
 112 mm
 36/46 mm
 110 g

150 mm
 61 mm
 130 mm
 32 mm
 16 mm
 5.5 mm
 112 mm
 36/46 mm
 110 g

Material Specifications

Frame material
 Overmoulded material

PP + GF
 TPE elastomer

PP + GF
 TPE elastomer

PP + GF
 TPE elastomer

Technical Specifications

Silicon free
 Halogen free
 ISO 4892-2A
 ROHS compliant
 Self-extinguishing class (UL 94)
 Temperature range (static)
 IP rating (EN 60529)
 Total number of cables

YES
 YES
 YES
 YES
 V0
 -40°C a +100°C
 IP 66
 14

YES
 YES
 YES
 YES
 V0
 -40°C a +100°C
 IP 66
 15

YES
 YES
 YES
 YES
 V0
 -40°C a +100°C
 IP 66
 20

Number of cables x cable Ø range

10 x Ø 3÷6.5 mm
 4 x Ø 16÷22 mm

15 x Ø 7.5÷12 mm

8 x Ø 3÷6.5 mm
 6 x Ø 4.8÷10.2 mm
 2 x Ø 7.5÷12 mm
 4 x Ø 9÷16.2 mm

Certifications

NEMA performance
 UL Standard
 UL file number

12
 50E
 *Pending

12
 50E
 *Pending

12
 50E
 *Pending

Accessories upon request

Stainless steel screws for wall attachment
 Punching set CEMBRE**

9001.M5X20
 RD46X112; RD36X112

9001.M5X20
 RD46X112; RD36X112

9001.M5X20
 RD46X112; RD36X112

**see page 305, 343

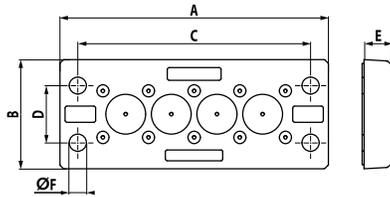
MEMBRANE CABLE ENTRY FOR UNMARKED CABLES

9200.24

in glass fibre reinforced PP polypropylene + TPE elastomer



Cable entry system dimensions



Metal plate perforation dimensions

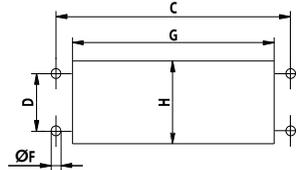


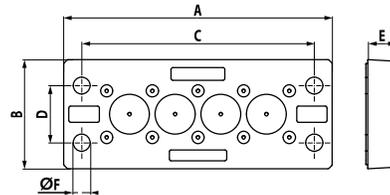
Diagram			
Marking/Approvals			
Type	9200.24/22	9200.24/24	9200.24/25
Grey (RAL 7004) <input type="checkbox"/>			
Units in standard packaging	10	10	10
Units in minimum packaging	10	10	10
Dimensions and Weights			
A	150 mm	150 mm	150 mm
B	61 mm	61 mm	61 mm
C	130 mm	130 mm	130 mm
D	32 mm	32 mm	32 mm
E	16 mm	16 mm	16 mm
ØF	5.5 mm	5.5 mm	5.5 mm
G	112 mm	112 mm	112 mm
H	36/46 mm	36/46 mm	36/46 mm
Weight	110 g	110 g	110 g
Material Specifications			
Frame material	PP + GF	PP + GF	PP + GF
Overmoulded material	TPE elastomer	TPE elastomer	TPE elastomer
Technical Specifications			
Silicon free	YES	YES	YES
Halogen free	YES	YES	YES
ISO 4892-2A	YES	YES	YES
ROHS compliant	YES	YES	YES
Self-extinguishing class (UL 94)	V0	V0	V0
Temperature range (static)	-40°C a +100°C	-40°C a +100°C	-40°C a +100°C
IP rating (EN 60529)	IP 66	IP 66	IP 66
Total number of cables	22	24	25
Number of cables x cable Ø range	6 x Ø 3÷6.5 mm 6 x Ø 4.8÷10.2 mm 10 x Ø 7.5÷12 mm	6 x Ø 3÷6.5 mm 16 x Ø 4.8÷10.2 mm 2 x Ø 7.5÷12 mm	12 x Ø 3÷6.5 mm 7 x Ø 4.8÷10.2 mm 6 x Ø 7.5÷12 mm
Certifications			
NEMA performance	12	12	12
UL Standard	50E	50E	50E
UL file number	*Pending	*Pending	*Pending
Accessories upon request			
Stainless steel screws for wall attachment	9001.M5X20	9001.M5X20	9001.M5X20
Punching set CEMBRE**	RD46X112; RD36X112	RD46X112; RD36X112	RD46X112; RD36X112

**see page 305, 343

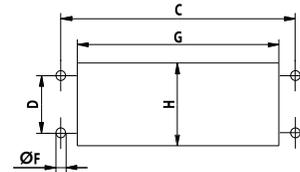
in glass fibre reinforced PP polypropylene + TPE elastomer



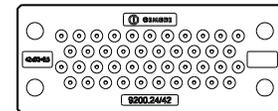
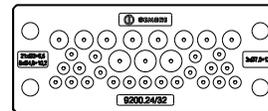
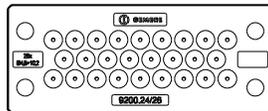
Cable entry system dimensions



Metal plate perforation dimensions



Diagram



Marking/Approvals



Type

Grey (RAL 7004)

Units in standard packaging

Units in minimum packaging

Dimensions and Weights

A	150 mm
B	61 mm
C	130 mm
D	32 mm
E	16 mm
ØF	5.5 mm
G	112 mm
H	36/46 mm
Weight	110 g

A	150 mm
B	61 mm
C	130 mm
D	32 mm
E	16 mm
ØF	5.5 mm
G	112 mm
H	36/46 mm
Weight	110 g

A	150 mm
B	61 mm
C	130 mm
D	32 mm
E	16 mm
ØF	5.5 mm
G	112 mm
H	36/46 mm
Weight	110 g

Material Specifications

Frame material	PP + GF
Overmoulded material	TPE elastomer

Frame material	PP + GF
Overmoulded material	TPE elastomer

Frame material	PP + GF
Overmoulded material	TPE elastomer

Technical Specifications

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C a +100°C
IP rating (EN 60529)	IP 66
Total number of cables	26

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C a +100°C
IP rating (EN 60529)	IP 66
Total number of cables	32

Silicon free	YES
Halogen free	YES
ISO 4892-2A	YES
ROHS compliant	YES
Self-extinguishing class (UL 94)	V0
Temperature range (static)	-40°C a +100°C
IP rating (EN 60529)	IP 66
Total number of cables	42

Number of cables x cable Ø range

26 x Ø 4.8÷10.2 mm

21 x Ø 3÷6.5 mm
8 x Ø 4.8÷10.2 mm
3 x Ø 7.5÷12 mm

42 x Ø 3÷6.5 mm

Certifications

NEMA performance	12
UL Standard	50E
UL file number	*Pending

NEMA performance	12
UL Standard	50E
UL file number	*Pending

NEMA performance	12
UL Standard	50E
UL file number	*Pending

Accessories upon request

Stainless steel screws for wall attachment	9001.M5X20
Punching set CEMBRE**	RD46X112; RD36X112

Stainless steel screws for wall attachment	9001.M5X20
Punching set CEMBRE**	RD46X112; RD36X112

Stainless steel screws for wall attachment	9001.M5X20
Punching set CEMBRE**	RD46X112; RD36X112

**see page 305, 343

**CABLE ENTRY
WITH MEMBRANE
IN RUBBER
FOR UNMARKED
CABLES
SERIES 9220 TYPE A**



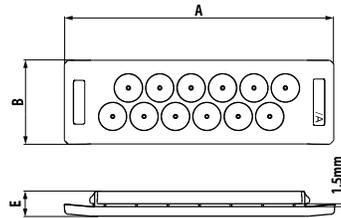
9220.24

MEMBRANE CABLE ENTRY FOR UNMARKED CABLES

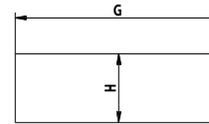
in TPE elastomer - Type A



Cable entry system dimensions



Metal plate perforation dimensions



	9220.24/12A	9220.24/14A	9220.24/17A
Diagram			
Marking/Approvals	RoHS COMPLIANT 2011/65/EU, CE, UK, CA	RoHS COMPLIANT 2011/65/EU, CE, UK, CA	RoHS COMPLIANT 2011/65/EU, CE, UK, CA
Type	Grey (RAL 7004) <input type="checkbox"/>		
Units in standard packaging	10	10	10
Units in minimum packaging	10	10	10
Dimensions and Weights			
A	142 mm	142 mm	142 mm
B	44 mm	44 mm	44 mm
E	13 mm	13 mm	13 mm
G	112 mm	112 mm	112 mm
H	36 mm	36 mm	36 mm
Metal plate thickness range	1.5÷2.5 mm	1.5÷2.5 mm	1.5÷2.5 mm
Weight	38 g	43 g	39 g
Material Specifications			
Printed material	TPE elastomer	TPE elastomer	TPE elastomer
Technical Specifications			
Silicon free	YES	YES	YES
Halogen free	YES	YES	YES
ISO 4892-2A	YES	YES	YES
ROHS compliant	YES	YES	YES
Self-extinguishing class (UL 94)	V0	V0	V0
Temperature range (static)	-40°C a +100°C	-40°C a +100°C	-40°C a +100°C
IP rating (EN 60529)	IP 64	IP 64	IP 64
Total number of cables	12	14	17
Number of cables x cable Ø range	12 x Ø 1÷15 mm	14 x Ø 1÷12.5 mm	12 x Ø 1÷13 mm 5 x Ø 1÷10 mm
Certifications			
NEMA performance	12	12	12
UL Standard	50E	50E	50E
UL file number	*Pending	*Pending	*Pending
Accessories upon request			
Punching set CEMBRE**	RD36X112	RD36X112	RD36X112

**see page 305, 343

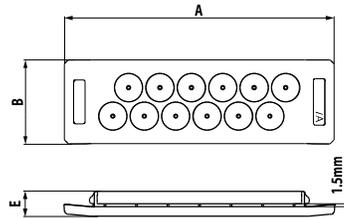
MEMBRANE CABLE ENTRY FOR UNMARKED CABLES

9220.24

in TPE elastomer - Type A



Cable entry system dimensions



Metal plate perforation dimensions

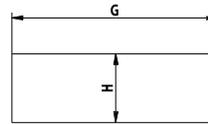
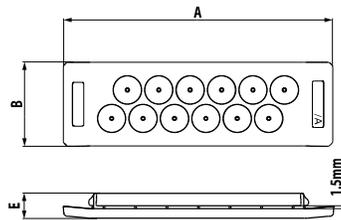


Diagram			
Marking/Approvals			
Type	9220.24/18A	9220.24/19A	9220.24/26A
Grey (RAL 7004) <input type="checkbox"/>			
Units in standard packaging	10	10	10
Units in minimum packaging	10	10	10
Dimensions and Weights			
A	142 mm	142 mm	142 mm
B	44 mm	44 mm	44 mm
E	13 mm	13 mm	13 mm
G	112 mm	112 mm	112 mm
H	36 mm	36 mm	36 mm
Metal plate thickness range	1.5÷2.5 mm	1.5÷2.5 mm	1.5÷2.5 mm
Weight	39 g	47 g	41 g
Material Specifications			
Printed material	TPE elastomer	TPE elastomer	TPE elastomer
Technical Specifications			
Silicon free	YES	YES	YES
Halogen free	YES	YES	YES
ISO 4892-2A	YES	YES	YES
ROHS compliant	YES	YES	YES
Self-extinguishing class (UL 94)	V0	V0	V0
Temperature range (static)	-40°C a +100°C	-40°C a +100°C	-40°C a +100°C
IP rating (EN 60529)	IP 64	IP 64	IP 64
Total number of cables	18	19	26
Number of cables x cable Ø range	4 x Ø 1 ÷ 16 mm 5 x Ø 1 ÷ 12,5 mm 5 x Ø 1 ÷ 11 mm 4 x Ø 1 ÷ 6,5 mm	7 x Ø 1 ÷ 13 mm 12 x Ø 1 ÷ 7 mm	4 x Ø 1 ÷ 16 mm 4 x Ø 1 ÷ 12 mm 16 x Ø 1 ÷ 6,5 mm 2 x ASI
Certifications			
NEMA performance	12	12	12
UL Standard	50E	50E	50E
UL file number	*Pending	*Pending	*Pending
Accessories upon request			
Punching set CEMBRE**	RD36X112	RD36X112	RD36X112

**see page 305, 343



Cable entry system dimensions



Metal plate perforation dimensions

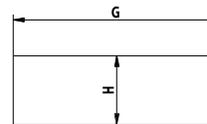


Diagram			
Marking/Approvals			
Type	9220.24/42A	9220.24/48A	9220.24/50A
Grey (RAL 7004) <input type="checkbox"/>			
Units in standard packaging	10	10	10
Units in minimum packaging	10	10	10
Dimensions and Weights			
A	142 mm	142 mm	142 mm
B	44 mm	44 mm	44 mm
E	13 mm	13 mm	13 mm
G	112 mm	112 mm	112 mm
H	36 mm	36 mm	36 mm
Metal plate thickness range	1.5÷2.5 mm	1.5÷2.5 mm	1.5÷2.5 mm
Weight	47 g	44 g	47 g
Material Specifications			
Printed material	TPE elastomer	TPE elastomer	TPE elastomer
Technical Specifications			
Silicon free	YES	YES	YES
Halogen free	YES	YES	YES
ISO 4892-2A	YES	YES	YES
ROHS compliant	YES	YES	YES
Self-extinguishing class (UL 94)	V0	V0	V0
Temperature range (static)	-40°C a +100°C	-40°C a +100°C	-40°C a +100°C
IP rating (EN 60529)	IP 64	IP 64	IP 64
Total number of cables	42	48	50
Number of cables x cable Ø range	12 x Ø 1 ÷ 7.5 mm 17 x Ø 1 ÷ 6.5 mm 12 x Ø 1 ÷ 5 mm 1 x Ø 1 ÷ 4.5 mm	48 x Ø 1 ÷ 6.5 mm	8 x Ø 1 ÷ 9.5 mm 9 x Ø 1 ÷ 6.5 mm 33 x Ø 1 ÷ 5 mm
Certifications			
NEMA performance	12	12	12
UL Standard	50E	50E	50E
UL file number	*Pending	*Pending	*Pending
Accessories upon request			
Punching set CEMBRE**	RD36X112	RD36X112	RD36X112

**see page 305, 343

**CABLE ENTRY
WITH MEMBRANE
IN RUBBER
FOR UNMARKED
CABLES
SERIES 9220 TYPE B**



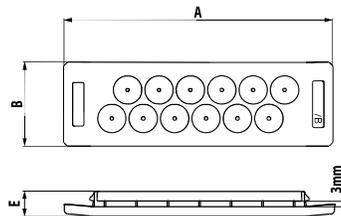
9220.24

MEMBRANE CABLE ENTRY FOR UNMARKED CABLES

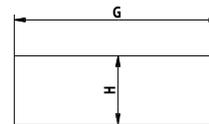
in TPE elastomer - Type B



Cable entry system dimensions



Metal plate perforation dimensions



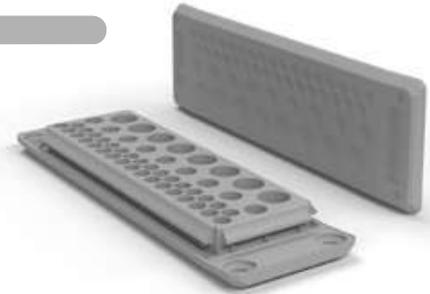
	9220.24/12B	9220.24/14B	9220.24/17B
Diagram			
Marking/Approvals	RoHS COMPLIANT 2011/65/EU, CE, UK, CA	RoHS COMPLIANT 2011/65/EU, CE, UK, CA	RoHS COMPLIANT 2011/65/EU, CE, UK, CA
Type	Grey (RAL 7004)		
Units in standard packaging	10	10	10
Units in minimum packaging	10	10	10
Dimensions and Weights			
A	142 mm	142 mm	142 mm
B	44 mm	44 mm	44 mm
E	13 mm	13 mm	13 mm
G	112 mm	112 mm	112 mm
H	36 mm	36 mm	36 mm
Metal plate thickness range	2.8÷4 mm	2.8÷4 mm	2.8÷4 mm
Weight	36 g	41 g	38 g
Material Specifications			
Printed material	TPE elastomer	TPE elastomer	TPE elastomer
Technical Specifications			
Silicon free	YES	YES	YES
Halogen free	YES	YES	YES
ISO 4892-2A	YES	YES	YES
ROHS compliant	YES	YES	YES
Self-extinguishing class (UL 94)	V0	V0	V0
Temperature range (static)	-40°C a +100°C	-40°C a +100°C	-40°C a +100°C
IP rating (EN 60529)	IP 64	IP 64	IP 64
Total number of cables	12	14	17
Number of cables x cable Ø range	12 x Ø 1÷15 mm	14 x Ø 1÷12.5 mm	12 x Ø 1÷13 mm 5 x Ø 1÷10 mm
Certifications			
NEMA performance	12	12	12
UL Standard	50E	50E	50E
UL file number	*Pending	*Pending	*Pending
Accessories upon request			
Punching set CEMBRE**	RD36X112	RD36X112	RD36X112

**see page 305, 343

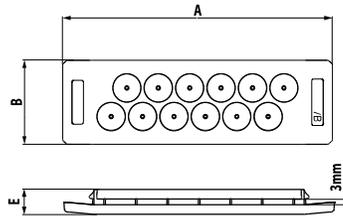
MEMBRANE CABLE ENTRY FOR UNMARKED CABLES

9220.24

in TPE elastomer - Type B



Cable entry system dimensions



Metal plate perforation dimensions

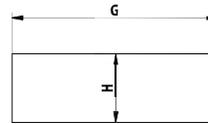
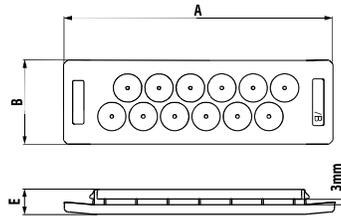


Diagram			
Marking/Approvals			
Type	9220.24/18B	9220.24/19B	9220.24/26B
Grey (RAL 7004) <input type="checkbox"/>			
Units in standard packaging	10	10	10
Units in minimum packaging	10	10	10
Dimensions and Weights			
A	142 mm	142 mm	142 mm
B	44 mm	44 mm	44 mm
E	13 mm	13 mm	13 mm
G	112 mm	112 mm	112 mm
H	36 mm	36 mm	36 mm
Metal plate thickness range	2.8÷4 mm	2.8÷4 mm	2.8÷4 mm
Weight	38 g	45 g	39 g
Material Specifications			
Printed material	TPE elastomer	TPE elastomer	TPE elastomer
Technical Specifications			
Silicon free	YES	YES	YES
Halogen free	YES	YES	YES
ISO 4892-2A	YES	YES	YES
ROHS compliant	YES	YES	YES
Self-extinguishing class (UL 94)	V0	V0	V0
Temperature range (static)	-40°C a +100°C	-40°C a +100°C	-40°C a +100°C
IP rating (EN 60529)	IP 64	IP 64	IP 64
Total number of cables	18	19	26
Number of cables x cable Ø range	4 x Ø 1 ÷ 16 mm 5 x Ø 1 ÷ 12,5 mm 5 x Ø 1 ÷ 11 mm 4 x Ø 1 ÷ 6,5 mm	7 x Ø 1 ÷ 13 mm 12 x Ø 1 ÷ 7 mm	4 x Ø 1 ÷ 16 mm 4 x Ø 1 ÷ 12 mm 16 x Ø 1 ÷ 6,5 mm 2 x ASI
Certifications			
NEMA performance	12	12	12
UL Standard	50E	50E	50E
UL file number	*Pending	*Pending	*Pending
Accessories upon request			
Punching set CEMBRE**	RD36X112	RD36X112	RD36X112

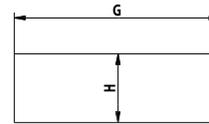
**see page 305, 343



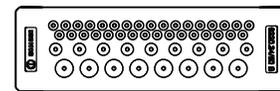
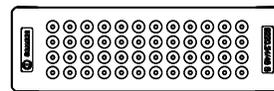
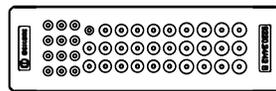
Cable entry system dimensions



Metal plate perforation dimensions



Diagram



Marking/Approvals



Type

Grey (RAL 7004)

Units in standard packaging

Units in minimum packaging

9220.24/42B

10

10

9220.24/48B

10

10

9220.24/50B

10

10

Dimensions and Weights

A
B
E
G
H
Metal plate thickness range
Weight

142 mm
44 mm
13 mm
112 mm
36 mm
2.8÷4 mm
46 g

142 mm
44 mm
13 mm
112 mm
36 mm
2.8÷4 mm
42 g

142 mm
44 mm
13 mm
112 mm
36 mm
2.8÷4 mm
46 g

Material Specifications

Printed material

TPE elastomer

TPE elastomer

TPE elastomer

Technical Specifications

Silicon free
Halogen free
ISO 4892-2A
ROHS compliant
Self-extinguishing class (UL 94)
Temperature range (static)
IP rating (EN 60529)
Total number of cables

YES
YES
YES
YES
V0
-40°C a +100°C
IP 64
42
12 x Ø 1 ÷ 7.5 mm
17 x Ø 1 ÷ 6.5 mm
12 x Ø 1 ÷ 5 mm
1 x Ø 1 ÷ 4.5 mm

YES
YES
YES
YES
V0
-40°C a +100°C
IP 64
48

YES
YES
YES
YES
V0
-40°C a +100°C
IP 64
50

Number of cables x cable Ø range

48 x Ø 1 ÷ 6.5 mm

8 x Ø 1 ÷ 9.5 mm
9 x Ø 1 ÷ 6.5 mm
33 x Ø 1 ÷ 5 mm

Certifications

NEMA performance
UL Standard
UL file number

12
50E
*Pending

12
50E
*Pending

12
50E
*Pending

Accessories upon request

Punching set CEMBRE**

RD36X112

RD36X112

RD36X112

**see page 305, 343