DES system

①
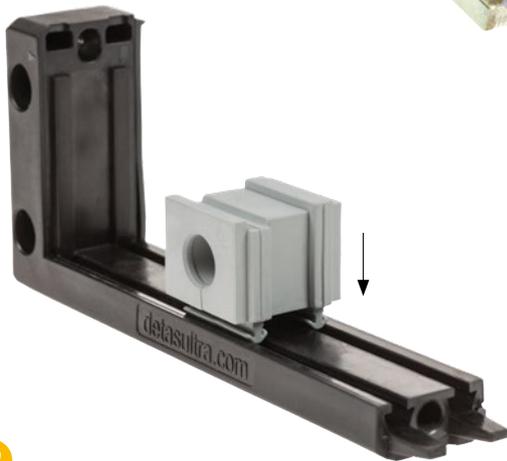Choose your splittable insert and let the cable pass through

②
Snap the inserts into the frame with a simple „click"

③
Combine the two parts with the screws

▶ Pls subscribe to our YouTube channel for the DetasUltra videos

Model	Code	Some possible configurations	Cut-out [mm]	Pcs /pack
DES 24	1731010024		112 x 39	10
Upon request:	1731991020	**Set of 4 mounting screws in AISI304 with Black Dacromet finishing**		10

Splittable frame for cables with and without connectors

▶ Multiple configurations in the same frame

▶ Frame screws in AISI304 Stainless Steel

▶ Integrated gasket

▶ Strain relief according to EN 62444

▶ Sturdy construction IK10

▶ IP66 and Nema 4X certified

▶ ATEX version on request

▶ Threaded inserts version on request
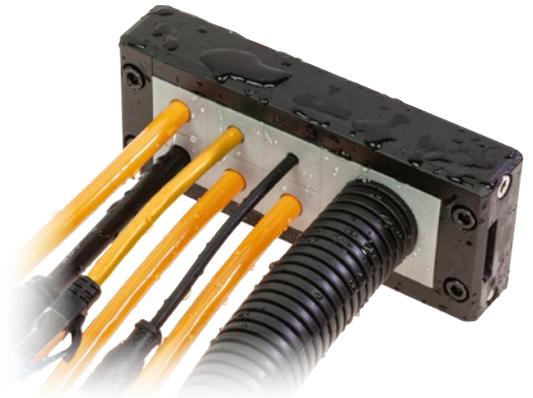
The DES 24 cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) inserts for cables. The inserts can be freely positioned into the frame.

Thanks to the robust construction, the DES 24 is a long lasting product.

Technical data

Material: PP+GF

Flammability: self-extinguishing acc. to UL94-V0
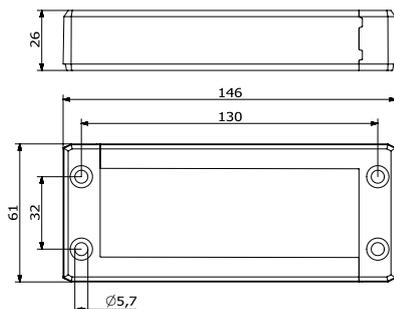
Temperature: -40°C… +155°C (static)

Features: halogens and silicones free

Related products

Inserts SPG and SPG M

Inserts SPP

Inserts SPP 2x

Inserts SPP 4x

Flap frame

DES Cover

Hydraulic punch driver HY360

Dimensions [mm]

26
146
130
61
32
Ø5,7

1

IP66 | NEMA 4X | NEMA 12 | PP+GF | IK10 | UL94-V0 | -40 +155 °C

6

Model	Code	Some possible configurations	Cut-out [mm]	Pcs /pack
DES 16	1731010016		86 x 39	10
Upon request:	1731991020	Set of 4 mounting screws in AISI304 with Black Dacromet finishing		10

Splittable frame for cables with and without connectors

▶ Multiple configurations in the same frame
▶ Frame screws in AISI304 Stainless Steel
▶ Integrated gasket
▶ Strain relief according to EN 62444
▶ Sturdy construction IK10
▶ IP66 and Nema 4X certified
▶ ATEX version on request
▶ Threaded inserts version on request

The DES 16 cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) inserts for cables. The inserts can be freely positioned into the frame.

Thanks to the robust construction, the DES 16 is a long lasting product.

Technical data

Material: PP+GF

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C… +155°C (static)

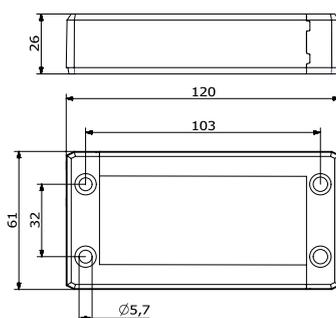**Features:** halogens and silicones free

Related products

○ Inserts SPG and SPG M
▫ Inserts SPP
∷ Inserts SPP 2x
∷∷ Inserts SPP 4x
▭ Flap frame
▬ DES Cover

Hydraulic punch driver HY360

Dimensions [mm]

26
120
103
61
32
∅5,7

Model	Code	Some possible configurations	Cut-out [mm]	Pcs /pack
DES 10	1731010010		63 x 39	10

Upon request:	1731991020	Set of 4 mounting screws in AISI304 with Black Dacromet finishing	10

Splittable frame for cables with and without connectors

▶ Multiple configurations in the same frame
▶ Frame screws in AISI304 Stainless Steel
▶ Integrated gasket
▶ Strain relief according to EN 62444
▶ Sturdy construction IK10
▶ IP66 and Nema 4X certified
▶ ATEX version on request
▶ Threaded inserts version on request
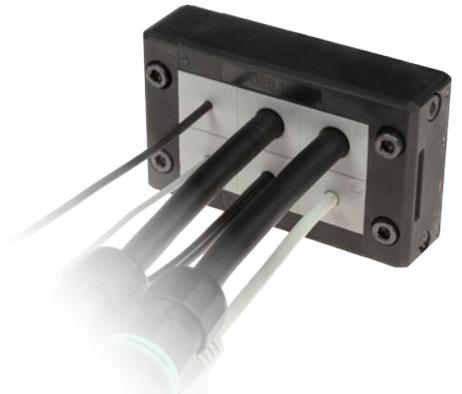
The DES 10 cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) inserts for cables. The inserts can be freely positioned into the frame.

Thanks to the robust construction, the DES 10 is a long lasting product.

Technical data

Material: PP+GF

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C… +155°C (static)
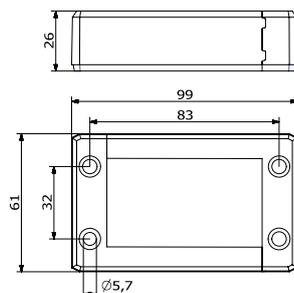
Features: halogens and silicones free

Related products

Inserts SPG and SPG M
Inserts SPP
Inserts SPP 2x
Inserts SPP 4x
Flap frame
DES Cover

Hydraulic punch driver HY360

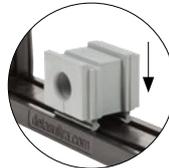**Dimensions** [mm]

26
99
83
61
32
∅5,7

1

Model	Code	Some possible configurations	Cut-out [mm]	Pcs /pack
DES Q	1731010008		40 x 39	10

Upon request:	1731991020	Set of 4 mounting screws in AISI304 with Black Dacromet finishing	10

Splittable frame for cables with and without connectors

▶ For 4 small or 1 big inserts
▶ Frame screws in AISI304 Stainless Steel
▶ Integrated gasket
▶ Strain relief according to EN 62444
▶ Sturdy construction IK10
▶ IP66 and Nema 4X certified
▶ ATEX version on request
▶ Threaded inserts version on request
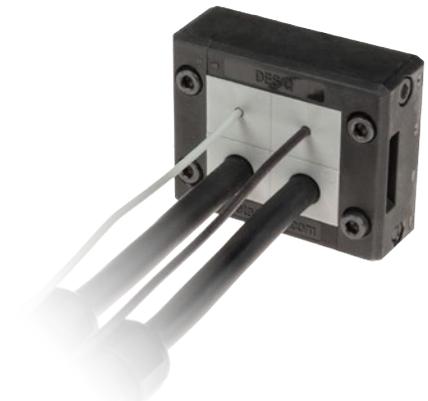
The DES Q cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) inserts for cables. The inserts can be freely positioned into the frame.

Thanks to the robust construction, the DES Q is a long lasting product.

Technical data

Material: PP+GF

Flammability: self-extinguishing acc. to UL94-V0
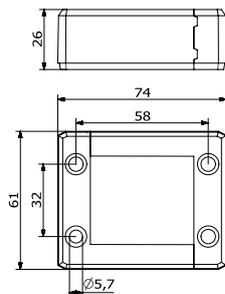
Temperature: -40°C… +155°C (static)

Features: halogens and silicones free

Related products

Inserts SPG and SPG M

Inserts SPP

Inserts SPP 2x

Inserts SPP 4x

Flap frame

DES Cove

Hydraulic punch driver HY360

1

Dimensions [mm]

26

74

58

61

32

Ø5,7

UV ISO 4892-2A | RoHS COMPLIANT | ECOLAB | IP66 | NEMA 4X | NEMA 12 | PP+GF | IK10 | UL94-V0 | -40 +155 °C

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Model	Code	Some possible configurations	Cut-out [mm]	Pcs /pack
DES 24-90	1731010124		112 x 39	10

Splittable frame for cables with and without connectors

▶ 90° cable entry
▶ Multiple configurations in the same frame
▶ Frame screws in AISI304 Stainless Steel
▶ IP54
▶ Strain relief according to EN 62444
▶ Sturdy construction IK10

The 90° cable entry system DES24-90 is used when the machinery construction does not allow the straight entrance of the cables, or when a clean design is needed.

This cable entry system is suitable for both cables with or without connectors and corrugated conduits, or a mix of them. The inserts can be freely accommodated into the frame.

Technical data

Material: PP+GF

Flammability: self-extinguishing acc. to UL94-V0
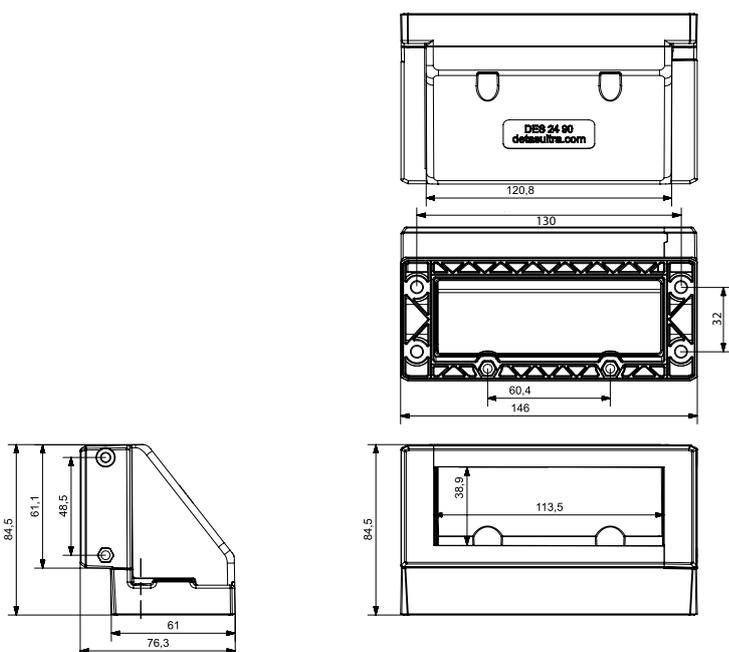
Temperature: -40°C… +155°C (static)

Features: halogens and silicones free

Related products

	Inserts SPG (for corrugates)
	Inserts SPP
	Inserts SPP 2x
	Inserts SPP 4x
	Flap frame
	DES Cove

Hydraulic punch driver HY360

Dimensions [mm]

120,8
130
32
60,4
146
84,5
61,1
48,5
61
76,3
38,9
113,5
84,5

Model	Code	Dimensions [mm]		Pcs
		L1	L 2	/pack
DES COVER 24	1731032024	146	130	10
DES COVER 16	1731032016	120	103	10
DES COVER 10	1731032010	99	83	10
DES COVER Q	1731032008	74	58	10
Upon request:	1731991020	Set of 4 mounting screws in AISI304 with Black Dacromet finishing		10

Closing plates for DES series

▶ Fast installation
▶ Gasket included
▶ Same holes position of the DES Systems
▶ IP54

The DES COVER plates allow to protect the unused gaps in the cabinet, avoiding contact with the outer environment.

Technical data

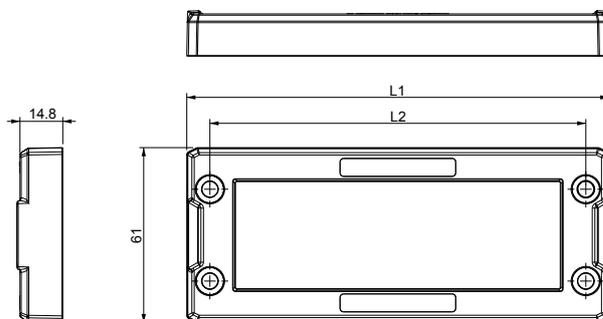**Material:** PP+GF

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C… +155°C (static)

Features: halogens and silicones free

Related products

DES 24
DES 16
DES 10
DES Q

Dimensions [mm]

14.8

L1
L2
61

1

Model	Code	Dimensions [mm]		Cut-out [mm]	Pcs /pack
		L1	L 2		
DES FLAP 24	1731031024	153	130	112 x 39	10
DES FLAP 16	1731031016	127	103	86 x 39	10
DES FLAP 10	1731031010	106	83	63 x 39	10
DES FLAP Q	1731031008	81	58	40 x 39	10

Fast fixing solution for DES splittable frames

▶ Snap fixing for the DES Series
▶ Gasket included
▶ Same holes position of the DES Systems
▶ IP54

The DES FLAP solution enables the DES 24, 16, 10 and Q frames to be installed with a quick snap-in connection.

The FLAP frame, once installed, hooks over the split frame and is the best solution for a flexible installation. Enclosures can be later inspected quickly and easily be dismantled.

Technical data

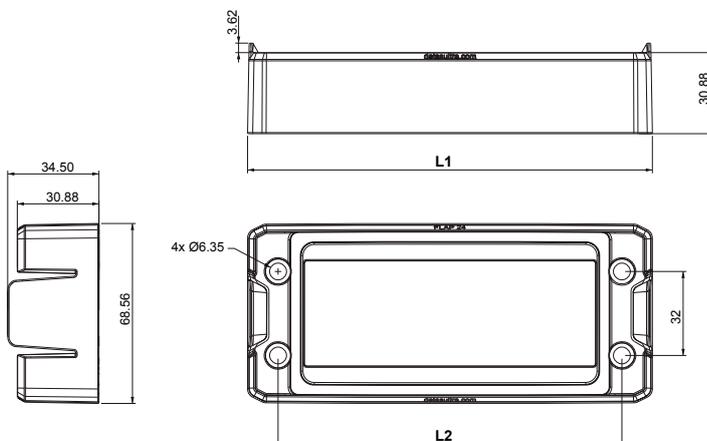**Material:** PP+GF

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C… +155°C (static)

Features: halogens and silicones free

Related products

DES 24

DES 16

DES 10

DES Q

1

Dimensions [mm]

3.62
30.88
L1
34.50
30.88
68.56
4x Ø6.35
32
L2

Model	Code	Some possible configurations	Cut-out [mm]	Pcs /pack
DES L2	**1731010002**		**40 x 18**	**10**
DES L3	**1731010003**		**63 x 18**	**10**

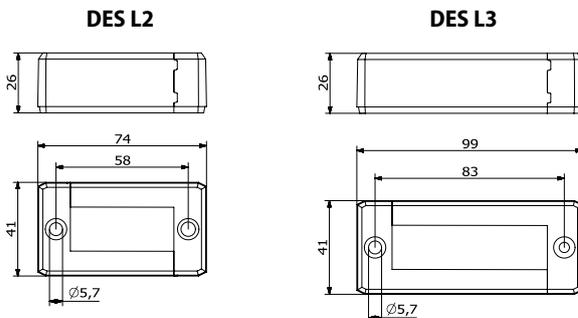|			
Upon request:	**1731991010**	**Set of 2 mounting screws in AISI304 with Black Dacromet finishing**	**10**

Splittable frame for cables with and without connectors

▶ For 2 or 3 small SPP grommets
▶ Frame screws in AISI304 Stainless Steel
▶ Integrated gasket
▶ Strain relief according to EN 62444
▶ Sturdy construction IK10
▶ IP66 and Nema 4X certified
▶ ATEX version on request
▶ Threaded inserts version on request
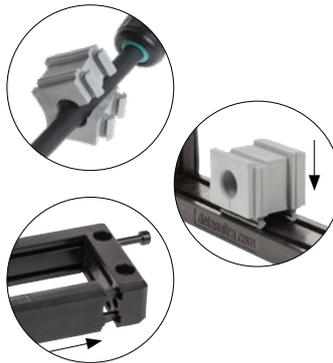
The DES L2 and L3 splittable frames enable pre-terminated cables from 2 to 16mm in diameter to pass through enclosure walls, providing strong strain relief and water protection.

Technical data

Material: PP+GF

Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C… +155°C (static)

Features: halogens and silicones free

Related products

▢	Inserts SPP
▢▢	Inserts SPP 2x
▢▢▢▢	Inserts SPP 4x

1

Dimensions [mm]

DES L2

26
74
58
41
Ø5,7

DES L3

26
99
83
41
Ø5,7

DETAS**ULTRA**

cULus | UV ISO 4892-2A | RoHS COMPLIANT | ECOLAB | IP66 | NEMA 4X | NEMA 12 | PP+GF | IK10 | UL94-V0 | -40 +155 °C | Ex

Model	Code	Some possible configurations	Cut-out [mm]	Pcs /pack
DES L4	1731010004		86 x 18	10
DES L5	1731010005		112 x 18	10
Upon request:	1731991010	Set of 2 mounting screws in AISI304 with Black Dacromet finishing		10

Splittable frame for cables with and without connectors
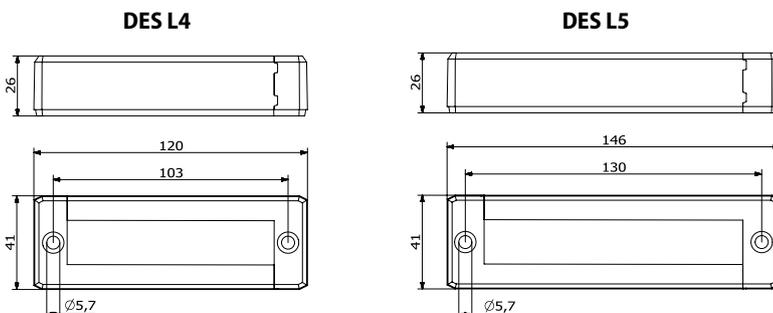
▶ For 4 or 5 small SPP grommets
▶ Frame screws in AISI304 Stainless Steel
▶ Integrated gasket
▶ Strain relief according to EN 62444
▶ Sturdy construction IK10
▶ IP66 and Nema 4X certified
▶ ATEX version on request
▶ Threaded inserts version on request
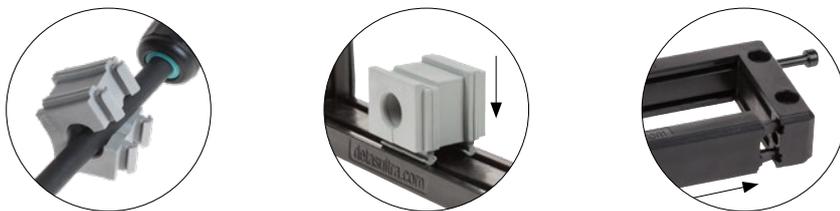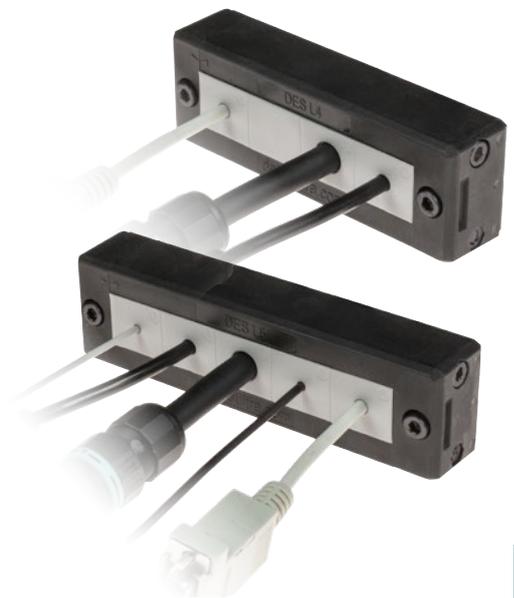
The DES L4 and L5 splittable frames enable pre-terminated cables from 2 to 16mm in diameter to pass through enclosure walls, providing strong strain relief and water protection.

Technical data

Material: PP+GF

Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C… +155°C (static)

Features: halogens and silicones free

Related products

⬛	Inserts SPP
⬛	Inserts SPP 2x
⬛	Inserts SPP 4x

1

Dimensions [mm]

DES L4

26
120
103
41
Ø5,7

DES L5

26
146
130
41
Ø5,7