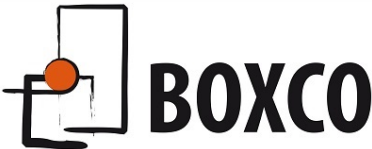
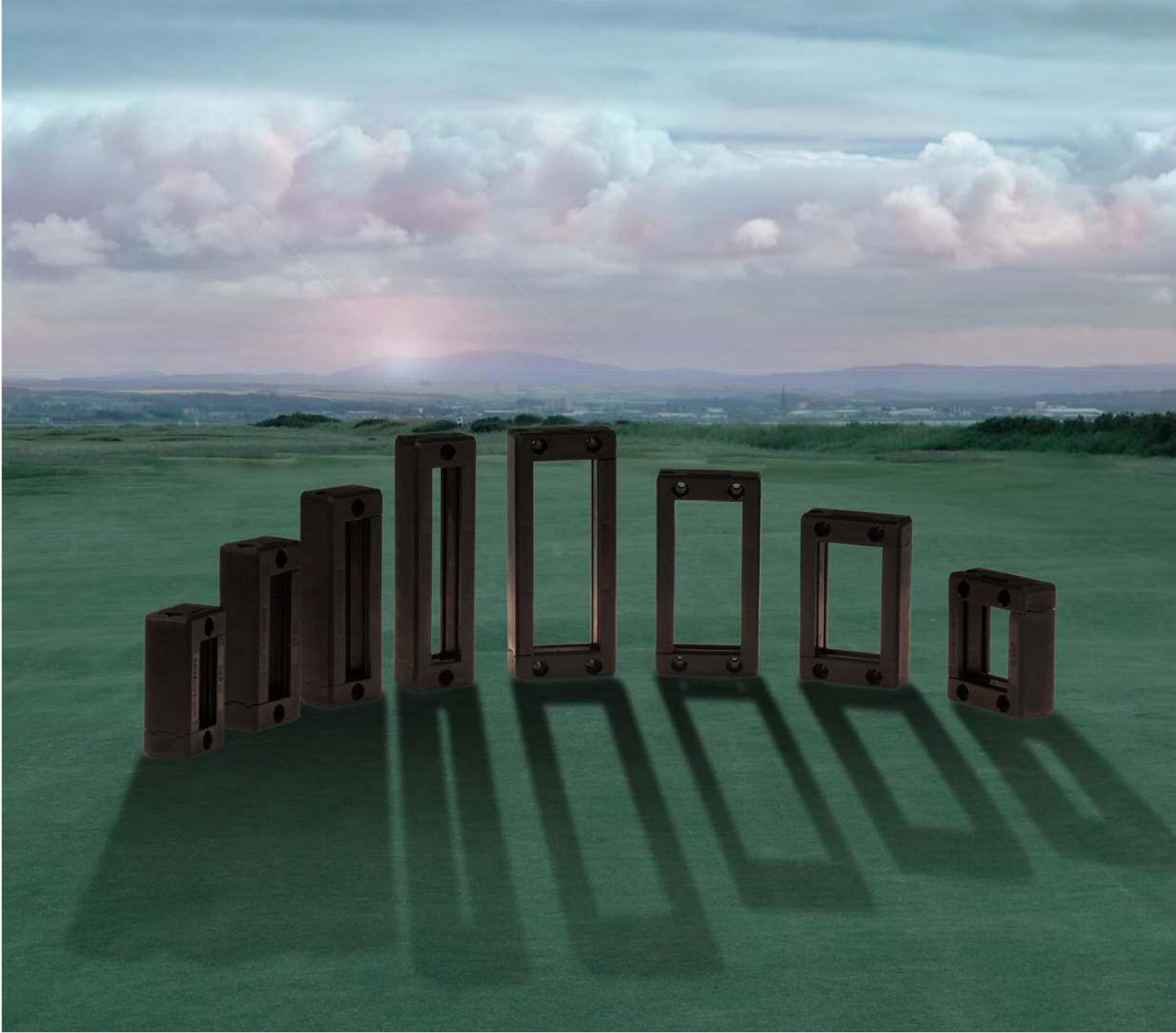


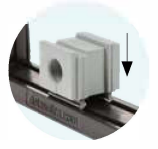
Entry system for cables with and without connectors





Splittable frame for cables with and without connectors

- ▶ Multiple configurations in the same frame
- ▶ Frame screws in AISI304 Stainless Steel
- ▶ Overmolded gasket for full UL94V0 system with grey or black grommets
- ▶ Strain relief according to EN 62444
- ▶ Sturdy construction IK10
- ▶ IP66 and Nema 4X certified with all configurations of grommets
- ▶ ATEX version on request (see sec. 7)
- ▶ Threaded inserts version on request



Model	Code	Some possible configurations	Max. 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

The DES 24 cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) grommets for cables with and without connectors. The grommets can be freely positioned into the frame. With all combinations of grommets, single, double, quadruple, big, the IP66 and Nema 4X are secured.

The overmolded gasket guarantees faster installation times and the complete V0 self-extinguishing of the system.

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

SPG grommets (from page 38)

SPP grommets (from page 31)

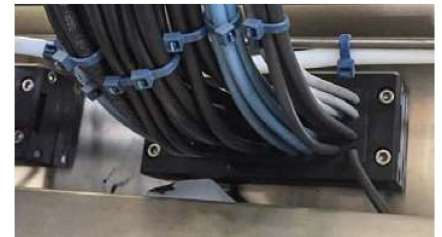
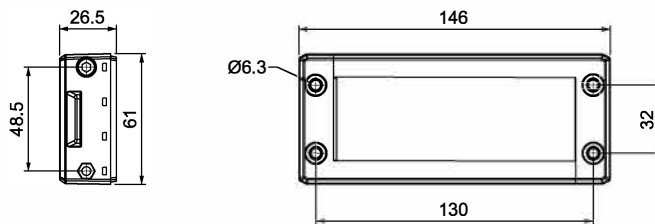
DES Flap

DES Cover

HY360 hydraulic punch driver

PF/PFX cable entry system plates

Dimensions [mm]



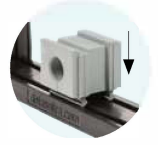


DES 16



Splittable frame for cables with and without connectors

- ▶ Multiple configurations in the same frame
- ▶ Frame screws in AISI304 Stainless Steel
- ▶ Overmolded gasket for full UL94V0 system with grey or black grommets
- ▶ Strain relief according to EN 62444
- ▶ Sturdy construction IK10
- ▶ IP66 and Nema 4X certified with all configurations of grommets
- ▶ ATEX version on request (see sec. 7)
- ▶ Threaded inserts version on request



Model	Code	Some possible configurations	Max. 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

The DES 16 cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) grommets for cables with and without connectors. The grommets can be freely positioned into the frame.

With all combinations of grommets, single, double, quadruple, big, the IP66 and Nema 4X are secured.

The overmolded gasket guarantees faster installation times and the complete V0 self-extinguishing of the system.

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

SPG grommets (from page 38)

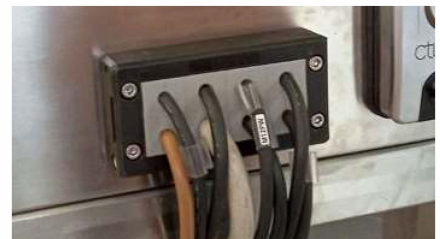
SPP grommets (from page 31)

DES Flap

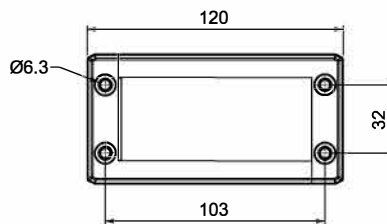
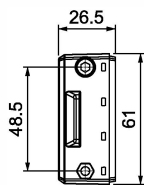
DES Cover

HY360 hydraulic punch driver

PF/PFX cable entry system plates



Dimensions [mm]



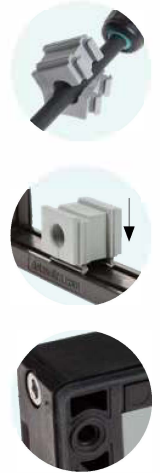
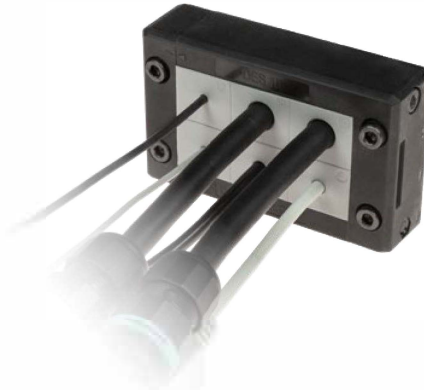


DES 10



Splittable frame for cables with and without connectors

- ▶ Multiple configurations in the same frame
- ▶ Frame screws in AISI304 Stainless Steel
- ▶ Overmolded gasket for full UL94V0 system with grey or black grommets
- ▶ Strain relief according to EN 62444
- ▶ Sturdy construction IK10
- ▶ IP66 and Nema 4X certified with all configurations of grommets
- ▶ ATEX version on request (see sec. 7)
- ▶ Threaded inserts version on request



Model	Code	Some possible configurations	Max. 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

The DES 10 cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) grommets for cables with and without connectors. The grommets can be freely positioned into the frame.

With all combinations of grommets, single, double, quadruple, big, the IP66 and Nema 4X are secured.

The overmolded gasket guarantees faster installation times and the complete V0 self-extinguishing of the system.

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

SPG grommets (from page 38)

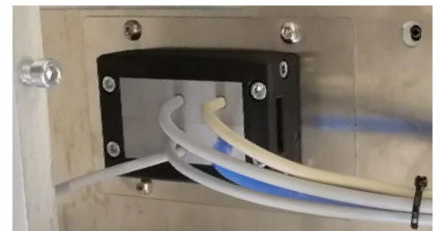
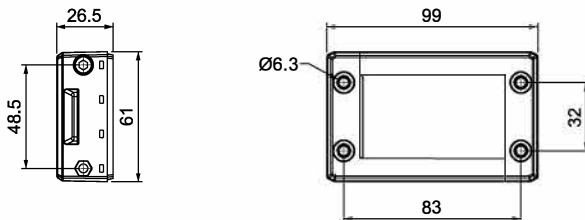
SPP grommets (from page 31)

DES Flap

DES Cover

HY360 hydraulic punch driver

Dimensions [mm]



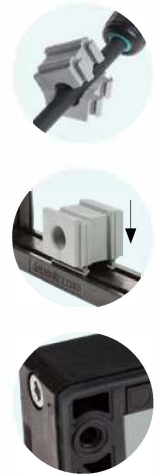
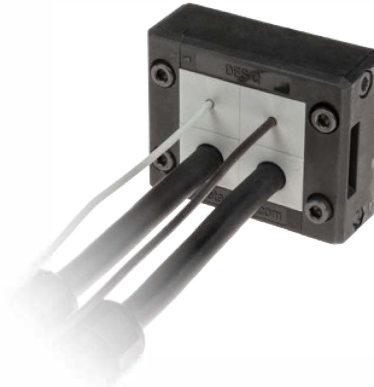


DES Q



Splittable frame for cables with and without connectors

- ▶ For 4 small grommets or 1 big grommet
- ▶ Frame screws in AISI304 Stainless Steel
- ▶ Overmolded gasket for full UL94V0 system with grey or black grommets
- ▶ Strain relief according to EN 62444
- ▶ Sturdy construction IK10
- ▶ IP66 and Nema 4X certified with all configurations of grommets
- ▶ ATEX version on request (see sec. 7)
- ▶ Threaded inserts version on request



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

The DES Q cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) grommets for cables with and without connectors. The grommets can be freely positioned into the frame.

With all combinations of grommets, single, double, quadruple, big, the IP66 and Nema 4X are secured.

The overmolded gasket guarantees faster installation times and the complete V0 self-extinguishing of the system.

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

SPG grommets (from page 38)

SPP grommets (from page 31)

DES Flap

DES Cover

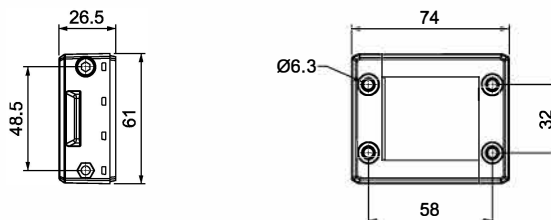
HY360 hydraulic punch driver



1

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



IP66

NEMA 12, 4X

UL TYPE 12, 4X



ECOLAB



IK10



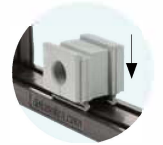


DES 24-90



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



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

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

This cable entry system is suitable for both cables with or without connectors and corrugated conduits, or a mix of them. The grommets 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

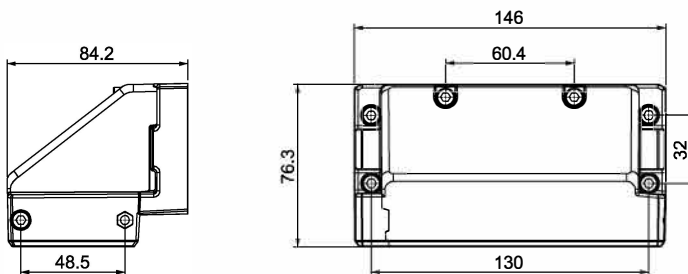
SPG grommets (from page 38)

SPP grommets (from page 31)

DES Cover

HY360 hydraulic punch driver

Dimensions [mm]





DES 24M



Splittable frame for cables with and without connectors

- ▶ Multiple configurations with small and big grommets
- ▶ Frame screws in AISI304 Stainless Steel
- ▶ External gasket included
- ▶ Strain relief according to EN 62444
- ▶ Sturdy construction IK10
- ▶ Threaded inserts version on request



Model	Code	Some possible configurations	Max. cut-out [mm]	Pcs /pack
DES 24M	1731010224		114 x 40	10
Upon request:	1731991020	Set of 4 mounting screws in AISI304 with Black Dacromet finishing		10

The DES 24M splittable frame allow up to 40 cables with or without connector or one or two cables up to 35mm diameter to pass through electric cabinet or machines walls.

The small and big grommets can be freely positioned inside the frame.

The DES 24M frame is the base structure for the expandable MX version.

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

SPG grommets (from page 38)

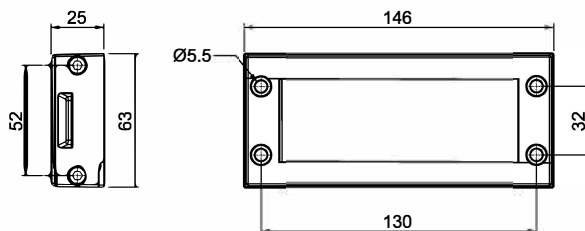
SPP grommets (from page 31)

DES Cover

HY360 hydraulic punch driver

PF cable entry system plates

Dimensions [mm]



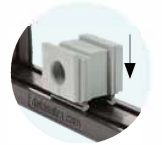


DES 24MX



Modular frames for cables with and without connectors

- ▶ Multiple configurations with small and big grommets
- ▶ Frame screws in AISI304 Stainless Steel
- ▶ IP54
- ▶ Strain relief according to EN 62444
- ▶ Sturdy construction IK10
- ▶ External gasket included



Model	Code	Some possible configurations per module	Dimensions L x H [mm]	Max. cut-out [mm]	Pcs /pack
DES 24MX2	1731010252		146 x 115	114 x 92	1
DES 24MX3	1731010253		146 x 166	114 x 144	
DES 24MX4	1731010254		146 x 218	114 x 196	
Other models upon request					

The DES 24MX splittable frames family is a modular solution for installations where a big quantity of cables need to be routed through electrical cabinets walls or machines.

This solution is not only modular but it is also a general solution that can be adopted as main cables entrance. Both cables with or without connector can be routed (40 for each module) and future updates can easily be organized in the cheapest and fastest way.

Technical data

Material: PP+GF

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C... +155°C (static)

Features: halogens and silicones free

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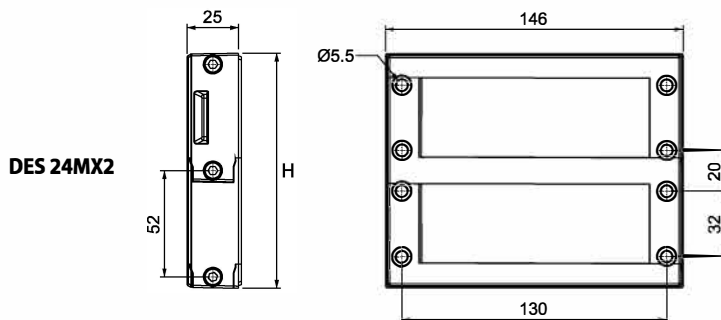
Related products

SPG grommets (from page 38)

SPP grommets (from page 31)

PF/PFX cable entry system plates

Dimensions [mm]





DES 16M



Splittable frame for cables with and without connectors

NEW

- ▶ Multiple configurations with small and big grommets
- ▶ Frame screws in AISI304 Stainless Steel
- ▶ External gasket included
- ▶ Strain relief according to EN 62444
- ▶ Sturdy construction IK10
- ▶ Threaded inserts version on request



Model	Code	Some possible configurations	Max. cut-out [mm]	Pcs /pack
DES 16M	1731010216		86 x 40	10
Upon request:	1731991020	Set of 4 mounting screws in AISI304 with Black Dacromet finishing		10

The DES 16M splittable frame allow up to 32 cables with or without connector or one or two cables up to 35mm diameter to pass through electric cabinet or machines walls.

The small and big grommets can be freely positioned inside the frame.

The DES 16M frame is the base structure for the expandable MX version.

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

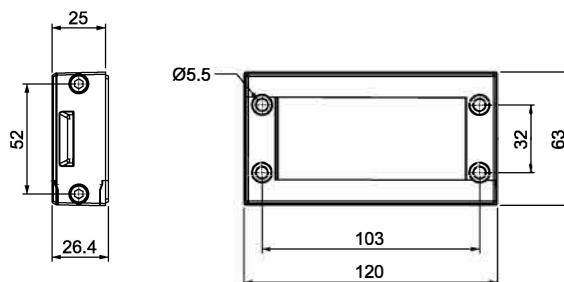
SPG grommets (from page 38)

SPP grommets (from page 31)

DES Cover

HY360 hydraulic punch driver

Dimensions [mm]



1



IP54

NEMA 12



ECOLAB



IK10



DES 16MX



NEW

Modular frames for cables with and without connectors

- ▶ Multiple configurations with small and big grommets
- ▶ Frame screws in AISI304 Stainless Steel
- ▶ IP54
- ▶ Strain relief according to EN 62444
- ▶ Sturdy construction IK10
- ▶ External gasket included



Model	Code	Some possible configurations per module	Dimensions L x H [mm]	Max. cut-out [mm]	Pcs /pack
DES 16MX2	1731010262		120 x 115	86 x 92	1
DES 16MX3	1731010263		120 x 167	86 x 144	
DES 16MX4	1731010264		120 x 219	86 x 196	
Other models upon request					

The DES 16MX splittable frames family is a modular solution for installations where a big quantity of cables need to be routed through electrical cabinets walls or machines.

This solution is not only modular but it is also a general solution that can be adopted as main cables entrance. Both cables with or without connector can be routed (32 for each module) and future updates can easily be organized in the cheapest and fastest way.

Technical data

Material: PP+GF

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C... +155°C (static)

Features: halogens and silicones free

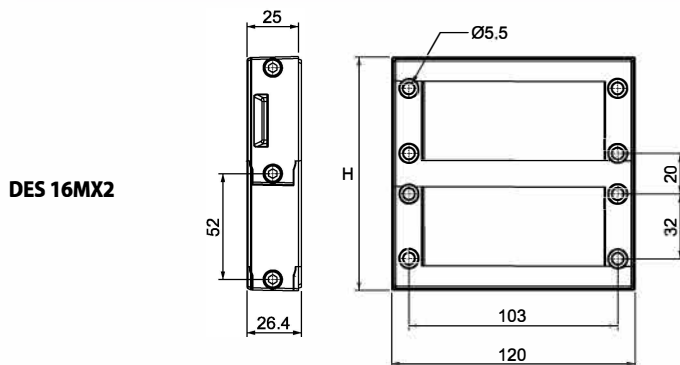
Related products

SPG grommets (from page 38)

SPP grommets (from page 31)

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



1





DES 24 CLICK



NEW

Splittable frame for cables with and without connectors

- ▶ For small and big grommets
- ▶ Without screws, snap closing
- ▶ Strain relief according to EN 62444
- ▶ Compact size
- ▶ IP54
- ▶ External gasket included
- ▶ Threaded inserts version on request
- ▶ UL94V0 for both grey and black grommets



Model	Code	Some possible configurations	Max. cut-out [mm]	Pcs /pack
DES 24 CLICK	1731010324		112 x 36	10
1	Upon request:	Set of 4 mounting screws in AISI304 with Black Dacromet finishing		10

The DES 24 CLICK splittable frame allows to accommodate up to 40 cables with or without connectors with diameters from 2 to 32 mm.

The frame closing is made through two side hooks. Despite the absence of screws, the mechanical seal on the cable is perfect.

The frame accepts 10 small grommets or 1 big grommet and 6 small grommets.

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

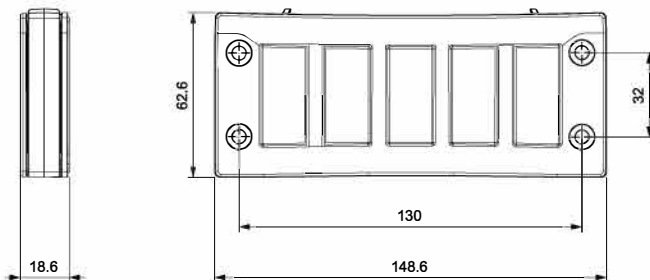
SPC grommets (page 29)

SPL grommets (page 30)

HY360 hydraulic punch driver

PF cable entry system plates

Dimensions [mm]



IP54

NEMA 12



ECOLAB



IK10



Sealing plates for DES series

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



Model	Code	Dimensions [mm]		Pcs /pack
		L1	L2	
DES COVER 24	1731032024	146	130	10
DES COVER 16	1731032016	120	103	
DES COVER 10	1731032010	99	83	
DES COVER Q	1731032008	74	58	
Upon request:	1731991020	Set of 4 mounting screws in AISI304 with Black Dacromet finishing		10

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

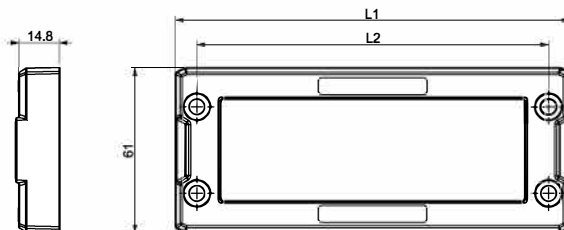
Temperature: -40°C... +155°C (static)

Features: halogens and silicones free

Related products

- DES 24
- DES 16
- DES 10
- DES Q

Dimensions [mm]





DES FLAP



Fast fixing solution for DES splittable frames

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



Model	Code	Dimensions [mm]		Max. cut-out [mm]	Pcs /pack
		L1	L2		
DES FLAP 24	1731031024	153	130	112 x 39	10
DES FLAP 16	1731031016	127	103	86 x 39	
DES FLAP 10	1731031010	106	83	63 x 39	
DES FLAP Q	1731031008	81	58	40 x 39	

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

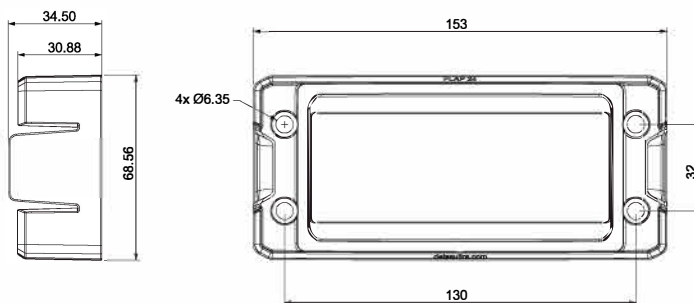
DES 10

DES Q

DES Cover

PF cable entry system plates

Dimensions [mm]



1



IP54

NEMA 12

UL TYPE 12



ECOLAB

UL94-V0



RoHS COMPLIANT

