



DES grommets - small: single, double and quadruple

- ▶ Grommets for cables from 2 to 17 mm diameter
- ▶ "Blind" version available
- ▶ Grey and black colours available
- ▶ UL94-V0 for both colours
- ▶ ATEX version on request (see sec. 7)



The SPP grommets enable several cables from 2 to 17 mm diameter to be installed in the DES splittable frame.

The 2X and 4X* versions allow multiple cables in the same grommet.

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

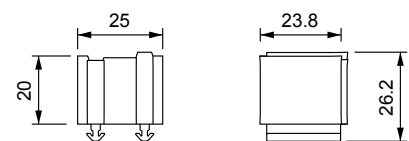
Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

DES 24	DESPRED	DES 16M
DES 16	DESLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	

Dimensions [mm]



* Indoor only

Model	Code	Ø Cable [mm]	Model	Code	Pcs /pack
		■			
SPP 0G	1731020100	"blind"	SPP 0B	1731020200	10
SPP 2G	1731020102	2-3	SPP 2B	1731020202	
SPP 3G	1731020103	3-4	SPP 3B	1731020203	
SPP 4G	1731020104	4-5	SPP 4B	1731020204	
SPP 5G	1731020105	5-6	SPP 5B	1731020205	
SPP 6G	1731020106	6-7	SPP 6B	1731020206	
SPP 7G	1731020107	7-8	SPP 7B	1731020207	
SPP 8G	1731020108	8-9	SPP 8B	1731020208	
SPP 9G	1731020109	9-10	SPP 9B	1731020209	
SPP 10G	1731020110	10-11	SPP 10B	1731020210	
SPP 11G	1731020111	11-12	SPP 11B	1731020211	
SPP 12G	1731020112	12-13	SPP 12B	1731020212	
SPP 13G	1731020113	13-14	SPP 13B	1731020213	
SPP 14G	1731020114	14-15	SPP 14B	1731020214	
SPP 15G	1731020115	15-16	SPP 15B	1731020215	
SPP 16G	1731020116	16-17	SPP 16B	1731020216	
		■ ■			
SPP 2x2G	1731020304	2 x 2	SPP 2x2B	1731020404	10
SPP 2x3G	1731020306	2 x 3	SPP 2x3B	1731020406	
SPP 2x4G	1731020308	2 x 4	SPP 2x4B	1731020408	
SPP 2x5G	1731020310	2 x 5	SPP 2x5B	1731020410	
SPP 2x6G	1731020312	2 x 6	SPP 2x6B	1731020412	
SPP 2x7G	1731020314	2 x 7	SPP 2x7B	1731020414	
SPP 2x8G	1731020316	2 x 8	SPP 2x8B	1731020416	
		■ ■ ■			
SPP 4x2G	1731020318	4 x 2	SPP 4x2B	1731020418	10
SPP 4x3G	1731020320	4 x 3	SPP 4x3B	1731020420	
SPP 4x4G	1731020322	4 x 4	SPP 4x4B	1731020422	
SPP 4x5G	1731020324	4 x 5	SPP 4x5B	1731020424	
SPP 4x6G	1731020326	4 x 6	SPP 4x6B	1731020426	
		■			
SPP ASI G	1731021130	1 x ASI	-	-	10
SPP ASI2 G	1731021140	2 x ASI	-	-	



IP66

NEMA 12, 4X

UL TYPE 12, 4X



ECOLAB



RoHS COMPLIANT





DES grommets with extended range - for cables without connectors

NEW

- ▶ Diameters from 2,5 to 16,5 mm
- ▶ "Blind" pierceable grommets
- ▶ Grey and black colours available
- ▶ UL94-V0 for both colours
- ▶ ATEX version on request (see sec. 7)



Model	Code	Ø Cable min/max [mm]	Model	Code	Pcs /pack
SPP K0G	1731021100	"blind"	SPP K0B	1731023100	10
SPP K1G	1731021110	2,5/7	SPP K1B	1731023110	
SPP K2G	1731021115	4,5/10	SPP K2B	1731023115	
SPP K3G	1731021120	7,5/12,5	SPP K3B	1731023120	
SPP K4G	1731021125	9/14	SPP K4B	1731023125	
SPP K5G	1731021127	12/16,5	SPP K5B	1731023127	

The SPP K grommets have a dual function: they can be used as "blind" grommets for future application of single cable without connector or they can be use as single grommet for one cable without connector. The cable size can be chosen between 4 solutions from 2,5 a 16,5 mm diameter.

The double membrane ensures the best water and dust protection.

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

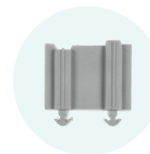
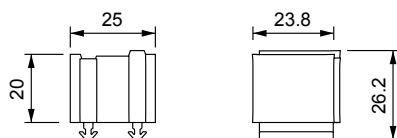
Related products

DES 24	DESPRED	DES 16M
DES 16	DESCCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	



Double parallel membrane

Dimensions[mm]



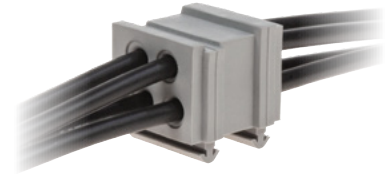


SPP M



DES grommets with extended range - for cables without connectors

- ▶ Cable diameter max. 7 mm
- ▶ "Blind" pierceable grommets
- ▶ Grey and black colours available
- ▶ UL94-V0 for both colours
- ▶ ATEX version on request (see sec. 7)



Model	Code	Ø Cable - Ø cables [mm]	Model	Code	Pcs /pack
SPP M4G	1731020504	4 – max. 6	SPP M4B	1731020604	10
SPP M4bG	1731020505	2 – max. 3 2 – max. 7	SPP M4bB	1731020605	

The SPP M grommets have a dual function: they can be used as "blind" grommets for future application of multiple cables without connector or they can be used in the DES splittable frame as multi grommets for non terminated cables.

The double membrane ensures the highest water and dust protection.

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

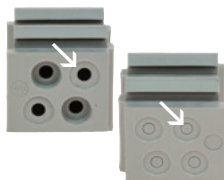
Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

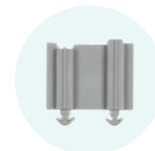
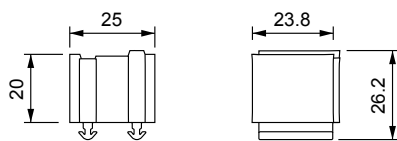
DES 24	DESPRED	DES 16M
DES 16	DESCCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	

1



Double parallel membrane

Dimensions [mm]



IP66

NEMA 12, 4X

UL TYPE 12, 4X



ECOLAB



RoHS COMPLIANT





Small grommets with threaded inserts

- ▶ Cable grommet with female thread for pneumatic connection sleeve and other connectors
- ▶ Continuous thread for 1/4" and 1/8" models, only front on M8 / M12

NEW



Thanks to the integrated metric thread, the SPP F series can be used as terminals for sensors, pneumatics, etc.

Technical data

Material: TPE, brass insert

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

DES 24	DESPRED	DES 16M
DES 16	DESCCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	

Model	Code	Thread	Pcs /pack
SPP F8G	1731020708	M8 x 0,5	10
SPP F12G	1731020712	M12 x 1	
SPP F16G	1731020716	M16 x 1,5	
SPP F1/4G	1731020725	1/8"	
SPP F1/8G	1731020728	1/4"	

NEW

SPP VENT

Small grommet with pressure compensation valve

- ▶ Quick assembly
- ▶ M12 thread



Model	Code	Thread	Pcs /pack
SPP VENT G	1731020720	M12	10

SPP VENT is a pressure-compensating rubber seal, recommended for environments requiring uniform pressure.

The depressurising grommet is inserted into DES partitioned frames and thanks to its valve, compensates for the pressure of the environment and thus avoids temperature differences and consequent condensation. The ventilation element has an M12x1.5 thread and can be removed to use threaded connectors and sensors.

Technical data

Material: TPE, valve in PP, brass insert

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

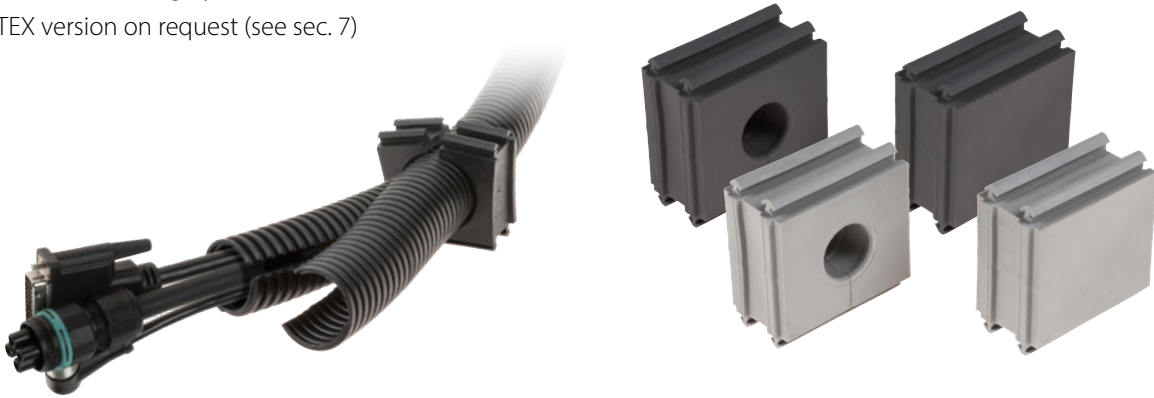
DES 24	DES 16	DES 10
DES Q	DES L	
DESPRED	DESCCLICK	

1



DES grommets - large

- ▶ Grommets for cables with and without connectors or for corrugated pipes from 17 to 35 mm diameter
- ▶ 2 "blind" versions available
- ▶ UL94-V0 for both grey and black
- ▶ ATEX version on request (see sec. 7)



Model	Code	Ø Cable [mm]	Model	Code	Pcs /pack
SPG 0G	1731022000	"blind"	SPG 0B	1731022020	
SPG 17G	1731022117	17-18	SPG 17B	1731022217	
SPG 18G	1731022118	18-19	SPG 18B	1731022218	
SPG 19G	1731022119	19-20	SPG 19B	1731022219	
SPG 20G	1731022120	20-21	SPG 20B	1731022220	
SPG 21G	1731022121	21-22	SPG 21B	1731022221	
SPG 22G	1731022122	22-23	SPG 22B	1731022222	
SPG 23G	1731022123	23-24	SPG 23B	1731022223	
SPG 24G	1731022124	24-25	SPG 24B	1731022224	
SPG 25G	1731022125	25-26	SPG 25B	1731022225	10
SPG 26G	1731022126	26-27	SPG 26B	1731022226	
SPG 27G	1731022127	27-28	SPG 27B	1731022227	
SPG 28G	1731022128	28-29	SPG 28B	1731022228	
SPG 29G	1731022129	29-30	SPG 29B	1731022229	
SPG 30G	1731022130	30-31	SPG 30B	1731022230	
SPG 31G	1731022131	31-32	SPG 31B	1731022231	
SPG 32G	1731022132	32-33	SPG32B	1731022232	
SPG 33G	1731022133	33-34	SPG33B	1731022233	
SPG 34G	1731022134	34-35	SPG34B	1731022234	

The SPG grommets are designed for cables with or without connectors or for corrugated pipes with diameter from 17 to 35 mm.

Technical data

Material: TPE

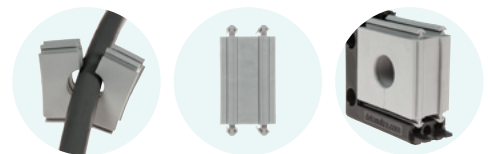
Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

Temperature: -40°C... +110°C (static)

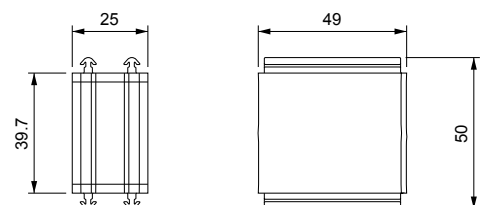
Features: halogens and silicones free

Related products

DES 24	DESPRED	DES 16M
DES 16	DESCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	



Dimensions [mm]





DES grommets - large - for cables without connectors - double membrane

- ▶ K1, K2 e K3 for cables without connectors with diameters from 16 to 30 mm
- ▶ K0 blind grommet
- ▶ IP66 for SPG K1, K2 and K3
- ▶ ATEX version on request (see sec. 7)

NEW



Model	Code	Ø Cable [mm]	Model	Code	Pcs /pack
SPG K0G	1731022300	max. 32	SPG K0B	1731022400	10
SPG K1G	1731022310	16 - 22	SPG K1B	1731022410	
SPG K2G	1731022320	23 - 26	SPG K2B	1731022420	
SPG K3G	1731022330	26 - 30	SPG K3B	1731022430	

The SPG K are blind grommets which can be also used for cables without connectors with diameter from 16 to 30mm.

The SPG K0 can be perforated but the IP protection is not guaranteed.

Thanks to the double membrane in the SPG K1-K2-K3 grommets an optimal dust and water protection are achieved.

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

Temperature: -40°C... +110°C (static)

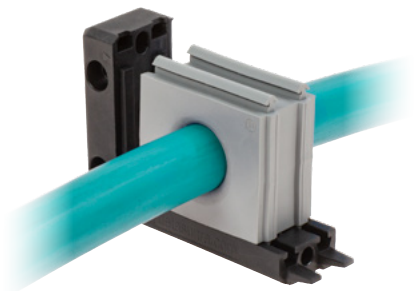
Features: halogens and silicones free

Related products

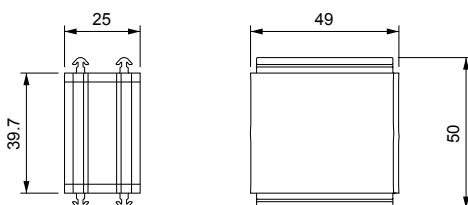
DES 24	DESPRED	DES 16M
DES 16	DESCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	

NEW

1



Dimensions [mm]



IP66

NEMA 12, 4X



ECOLAB

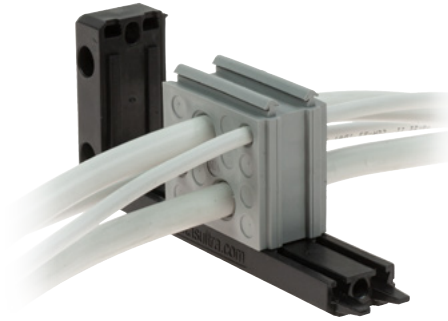
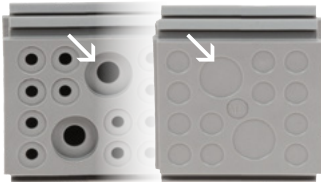




DES grommets - large - for cables without connectors - double membrane

- ▶ Multiple grommets for high number of cables without connectors
- ▶ Grey and black colours available
- ▶ UL94-V0 for both colours
- ▶ Strain relief according to EN 62444
- ▶ ATEX version on request (see sec. 7)

Double parallel membrane



Model	Code	Cable nr. - Ø cable [mm]	Pcs /pack
SPG M7G	1731022307	4 - max. 13,5 2 - max. 5	10
SPG M7B	1731022407	1 - max. 9,5	
SPG M9G	1731022309	9 - max. 8,8	
SPG M9B	1731022409		
SPG M14G	1731022314	12 - max. 6,5 2 - max. 12	
SPG M14B	1731022414		
SPG M15G	1731022315	15 - max. 7	
SPG M15B	1731022415		

The SPG M grommets enable high number of cables without connectors to be routed into the DES splittable frames.

The cable is pushed through the front membrane, whilst the second membrane increases the strain relief and liquid resistance.

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

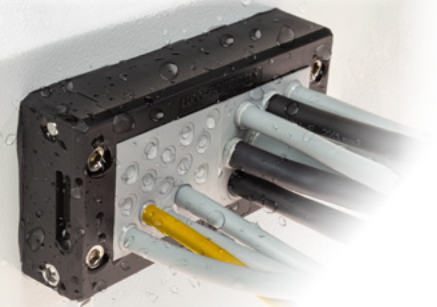
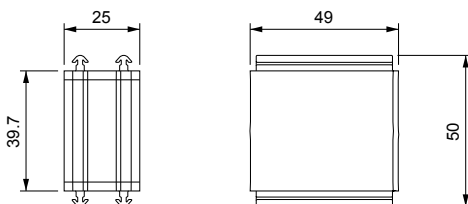
Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

DES 24	DESPRED	DES 16M
DES 16	DESCCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	

Dimensions [mm]



IP66

NEMA 12, 4X

UL TYPE 12, 4X



ECOLAB



ROHS COMPLIANT





Large grommets for connectors assembly for drives and service sockets

- ▶ Large grommets for panel sockets D22, flange M23, square openable flange, feedthrough, fast connection for pneumatic, etc.
- ▶ Useful for quick connections without opening the electrical panel
- ▶ Custom solutions welcome

NEW



Model	Code	Application	Pcs /pack
SPG WFP23	1731020830	For M23 flanges	1
SPG WFQ20	1731020815	For square openable flange 38 mm , hole Ø 20 mm (M15 connectors)	
SPG WFQ27	1731020820	For square openable flange 38 mm , hole Ø 27 mm (M23 connectors)	
SPG WF12	1731020840	With metric thread M12	
SPG WF25	1731020850	With metric thread M25	
SPG W22 USB 2.0	1731020900	With USB 2.0 (f/f) and IP65 cap	
SPG W22 USB 3.0	1731020905	With USB 3.0 (f/f) and IP65 cap	
SPG W22 USB-B	1731020910	With USB-B (f/f) and IP65 cap	
SPG W22 USB-C	1731020915	With USB-C (f/f) and IP65 cap	
SPG W22 USB-Mini	1731020920	With USB-Mini (f/f) and IP65 cap	
SPG W22 USB-Micro	1731020925	With USB-Micro (f/f) and IP65 cap	
SPG W22 RJ45 Cat.6	1731020930	With RJ45 Cat.6 (f/f) and IP65 cap	
SPG W22 HDMI	1731020935	With HDMI (f/f) and IP65 cap	
SPG W22 2xUSB 2.0	1731020940	With 2 USB 2.0 (f/f) and IP65 cap5	
SPG W22	1731020810	For panel socket Ø 22 mm	

The SPG W grommets allow the integration of panel sockets (Ø 22 mm sockets, M23 flanges, openable square flanges, feedthrough and quick inserts for pneumatics, etc ...) directly on the DES frames.

The advantage is the modularity of the system that allows quick connection and release of cables (data, power, pneumatics, etc.) without opening the machine panel.

This plug-in system facilitates the design of increasingly modular machines.

Technical data

Material: TPE, insert PP+GF

Flammability: self-extinguishing acc. to UL94-V0

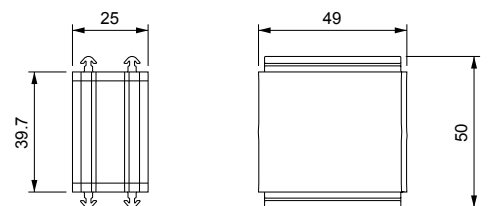
Temperature: -40°C... +120°C (static)

Features: halogens and silicones free

Related products

- | | | |
|--------|----------|------------|
| DES 24 | DESPRED | DES 16M |
| DES 16 | DESCLICK | DES 16MX |
| DES 10 | DES 24M | DES 24MX15 |
| DES Q | DES 24MX | |

Dimensions [mm]



1



SPG Y





Large/Small adapter grommet

- ▶ Large grommet which can be used as adapter for one small grommet
- ▶ Grey and black colors
- ▶ UL94-V0 for both colors

NEW



Model	Code	Pcs pack
 SPG YG	1731022030	10
 SPG YB	1731022035	

The SPG Y is a large grommet which can be used to adapt small grommets, single, multi-hole or special.

They are used in divisible cable glands of the Despred 63 or 50-90 families to improve the cable outlet or in the DES frames to reduce the number of blind grommets

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0

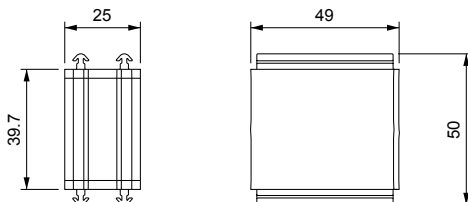
Temperature: -40°C... +120°C (static)

Features: halogens and silicones free

Related products

DES 24	DESPRED 63	DES 24MX
DES 16	DESPRED 50-90	DES 16M
DES 10	DECLICK	DES 16MX
DES Q	DES 24M	DES 24MX15

Dimensions [mm]



IP54

NEMA 12

ECOLAB

UL94-V0

UV ISO 4892-2A

RoHS COMPLIANT