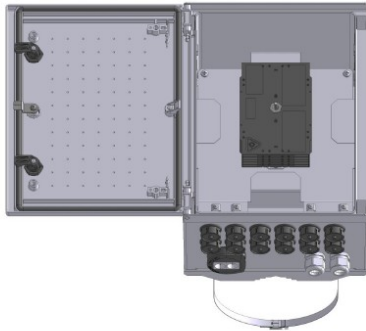


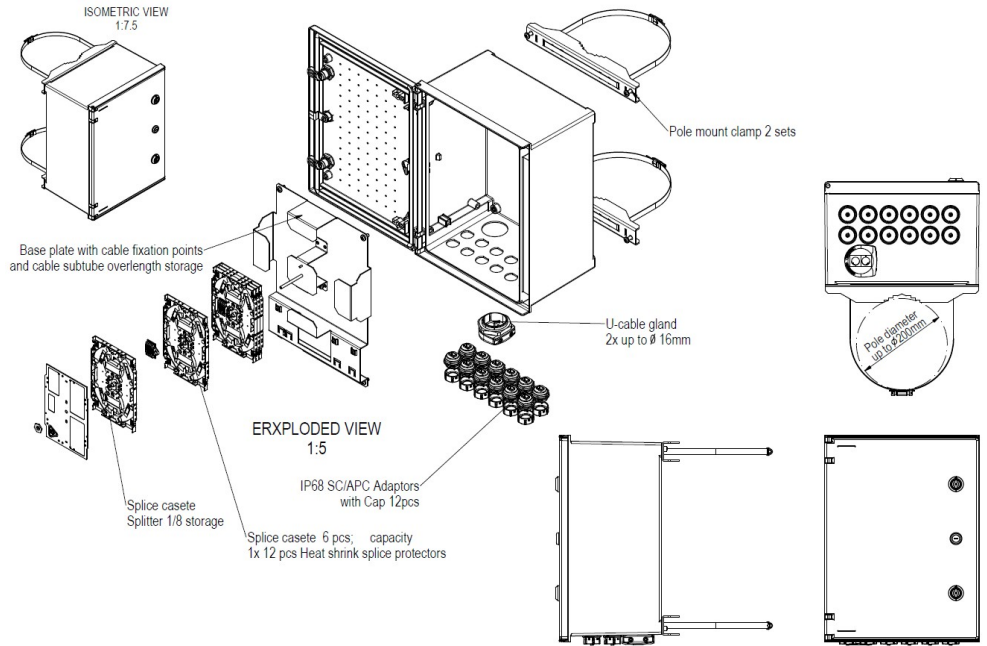
Aerial division distribution box

TECHNICAL SPECIFICATION

- Dimension: 400x300x200mm
- Material: ABS; Color: light grey (RAL 7035)
- Degree of protection: IP66, degree of shock protection: IK10
- Working temperature: from -40°C to +70°C; UV resistant
- Minimum guarantee: 10 years



- 12 SC/APC adapters with cap, IP68 protection
- Lock with universal key for basement box, floor box & pole box
- Designed for pole mount as well as of owed equipment
- Input of one U entrance with dimension up to 16mm and two separate independent optical fiber inputs up to 16mm
- 6 optical cassettes for splicing at least 96 fiber
- Optical cassette for installation of at least one 1x16 splitter
- Base plate with cable fixation points and cable subtube overlength storage (for 16 tubes of 2 meters length)



MONOBLOCK INDUSTRIAL ENCLOSURE IP66

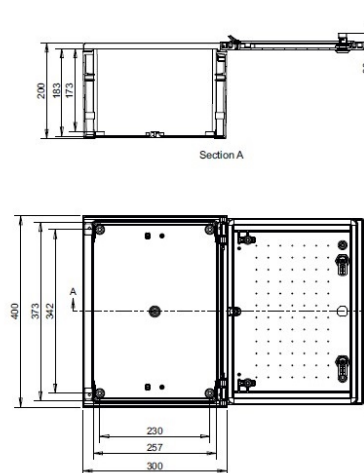
BRES-43

Polyester enclosure 400 x 300 x 200 mm

MONOBLOCK INDUSTRIAL ENCLOSURE IP66

BRES-43

Polyester enclosure 400 x 300 x 200 mm



FEATURES

SafyBox BRES

- Boxes & Cabinets made from fiber glass reinforced polyester, moulded by hot compression.
- Colour Light Grey RAL 7035
- Self-extinguishability: 960° test withstanding. Halogen free. Double insulation. No electrical contact risks.
- Degree of protection Ip66 UNE 20324 (EN 60529).
- Certification of compliance with IEC62208 enclosure standard. Suitable for indoor or outdoor use.
- Large door opening (180°). Version with plain or glazed door. Reversibility for installation right or left door opening.
- Anti-intruder hinges system.
- Customise service: colour, machining, mounting accessories, locks, company logo.
- 2 lock with double-bar insert or 1 lock with 3 action points and vandalism-proof.
- Version with metallic or polyester mounting plate.
- Resistant to harsh atmospheres.
- Light weight gives an easy installation.
- 25years. Long life lasting without maintenance under standard environmental conditions.

Code	Description	Height x Width x Depth	Weight
BRES-43	Empty standard enclosure colour light grey RAL 7035	400 x 300 x 200 mm	3,60 kg

Packaging

packaging unit	1	packaging height	401,0 mm
number of doors	1	packaging width	301,0 mm
weight	3,60 kg	packaging depth	201,5 mm

Units per pallet 120 x 80 cm (Height 220 cm)	66
Units per pallet 110 x 110 cm (Height 220 cm)	84
Units per pallet 155 x 110 cm (Height 227 cm)	119

Environmental performance

Minimum temperature	-30 °C	IP dust water protection degree IEC-60529	66
Maximum temperature	120 °C	IK impact protection degree IEC-50298	10
Compression resistance	100 kg		

Electrical performance

Nominal tension direct current up to:	1500 VdC
Nominal tension alternative current up to:	1000 VaC
Maximum power dissipation ΔT=104°F (wall surface)	58,8 W

Installation and assembly system

Inside installation	Yes	Wall surface	Yes
Outdoor installation	Yes	Floor mounting	Yes
Flush mounting	No	Pole mounting	Yes

Aerial division distribution box



KVT-ER Split cable glands



Certified protection class
IP65/IP66/IP67/IP68

Slit KT grommets

Product description

KVT-ER are split cable glands for routing and sealing cables with and without connectors, conduits or pneumatic hoses with diameters from 1 to 16 mm (KT 1 - 15) and 16 to 35 mm (KT 16 - 34).

Due to the injected gasket and if single-hole grommets are used, the KVT-ER provides certified protection ratings IP65/IP66/IP67/IP68.

The KVT-ER sizes are based on metric standard cut-outs M25, M32, M50 and M63. Hexagonal locknuts are included in the shipment.

For assembly, we recommend to tighten the cover lid screws with max. 2 Nm.

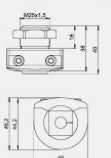
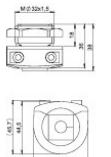
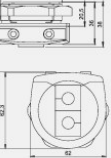
Locknuts

Locknuts with special cut-outs are available separately.



KGM-SUB-D9 fits D-Sub 9 connectors
(Required wall cut-out: Ø 36 mm, PU: 10)
■ Order No. 45106

KGM-SUB-D25 fits SUB-D25 connectors
(Required wall cut-out: Ø 50 - 54 mm, PU: 10)
■ Order No. 45110

Description	Type	Order No.	Grommets KT small large	Thread Thread length	PU
	KVT-ER 25"	45430	1-	M25 x 1.5 Length: 18 mm	10
	KVT-ER 32	45432	1-	M32 x 1.5 Length: 18 mm	10
	KVT-ER 50/2	45454	2-	M50 x 1.5 Length: 20.5 mm	5

* Max. cable diameter of 15 mm

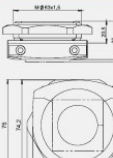
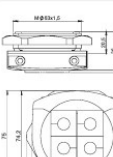
KVT-ER Split cable glands



V2A
anti-corrosion

Injected elastomer gasket

Slit KT grommets

Description	Type	Order No.	Grommets KT small large	Thread Thread length	PU
	KVT-ER 63/1	45435	1-	M63 x 1.5 Length: 20.5 mm	5
	KVT-ER 63/4	45436	4-	M63 x 1.5 Length: 20.5 mm	5

Advantages & benefits

- Certified protection class IP65/IP66/IP67/IP68 according to EN 60529
- Very high strain relief according to EN 60244
- Warranty of pre-terminated cables remains
- Retrofits, repairs and maintenance can be done easily and quickly
- High cable density
- Suitable for metric cut-outs
- Hexagonal nut included in the delivery
- Anti-corrosive V2A stainless steel screws
- Very robust housing, vibration resistant
- Modern design

Specifications

Material	Frame: Polypropylene (PP) Injected gasket: Elastomer
Flame class	UL94-V0, self-extinguishing
IP rating	IP65/IP66/IP67/IP68, if correctly assembled with single grommets (certified acc. to EN 60529)
Temperature	-40°C to +110°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimension	Metric sizes

Accessories

KT Cable grommets	48 - 50
KVT-EMC Brackets	141
Locknuts	188 - 189
ST Plugs	53

SENKO
Advanced Components

IP-Series Weatherproof Connector

The IP68 harsh environment (IP) range of connectors are designed to be used outdoors and provide many years of reliable service. They incorporate a barrier system which enables quick and reliable installation even when engineers are wearing gloves.

Withstand the Elements

CTJ Distribution Box

Fan Out Kits

Plug and Play Fan Out

FTTA

Simple connectivity solution with fiber for LTE, DAS, and Mobile Cell tower

IP-Series GOES HYBRID

IP-ONE
Optical N' Electrical
Power/Fiber combined

IP-68 rated housing

OPTICAL + ELECTRICAL

SENKO
Advanced Components

IP-68 RATED

FEATURES

- Cost effective solution for in-house termination
- IP water immersion and dust protection for harsh environment
- Wide range of operational temperature for outdoor plant -40°C to +110°C
- Compatible with a wide range of cables
- 3-meter OD cable with over 20mm to 30mm jacketed conductors
- Chemical Resistance
- Interconnectable to other industrial LC adapters and IC connectors
- Simple assembly requiring no special tools
- Double mechanical locking
- The IP variants allow installers to terminate connectors in the field
- 100% Compatible
- 100% Superior pull force
- Proven design
- Feed through

APPLICATIONS

- Telecoms
- Maritime
- Oil and Gas
- Commercial
- Domestic
- Education
- Medical
- Renewable Energy

TYPICAL DIMENSIONS	IP 12	IP 16	IP 20	IP 25	IP 32	IP 40	IP 50	IP 63
Insertion Loss (dB)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Insertion Loss (dB)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Return Loss (dB)	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Rejection	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Operating Temperature	-40°C to +110°C	-40°C to +110°C	-40°C to +110°C	-40°C to +110°C	-40°C to +110°C	-40°C to +110°C	-40°C to +110°C	-40°C to +110°C
IP Rating	IP 12	IP 16	IP 20	IP 25	IP 32	IP 40	IP 50	IP 63
Material	PP	PP	PP	PP	PP	PP	PP	PP

Note: IP68 and IP69K connectors are designed for outdoor use. They are not intended for use in high pressure water spray environments.

BOM

NO.	DESCRIPTION	QTY
1	IP ADAPTER DUST CAP	1
2	IP BULKHEAD ADAPTER HOUSING, BLACK	1
3	SC ONE PIECE ADAPTER, NO FLANGE, NO SHUTTER, NON-PANEL SIDE HOOK	1
4	IP ADAPTER SQUARE O-RING	1
5	IP ADAPTER NUT	1

NEW DRAWINGS

REVISIONS

NO.	DESCRIPTION	DATE
1	Initial release	2019/03/22

TITLE IP SC Bulkhead adapter with IP Dust Cap

PRODUCT SPECIFICATION CRM - 12345

SCALE NO SCALE

1 OF 1

DATE 2019/03/22

BY [Signature]

CHECKED [Signature]

APPROVED [Signature]

DESIGNED [Signature]

DRAWN [Signature]

REVISIONS

REVISION 1

DESCRIPTION Initial release

DATE 2019/03/22

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