



Abox Series

The NEW Abox family consists of eight enclosure sizes that feature an attractive modern design and shape that allow for optimum use of installation space. Each enclosure has either membranes or knockouts on each sidewall and on the backside.

Five of the eight enclosures in this family feature "Dual Molding Technology". This feature incorporates self sealing elastomer membranes molded right into the polypropylene body. This allows the user to simply push wires through the membrane or cut them out to install a cable gland. These access holes can accommodate metric cable glands and entry spouts. The number of knockouts has been increased in this newly designed series.

Abox Enclosures are available in sizes ranging from 87 x 87 x 52 mm (3.43 x 3.43 x 2.05 in.) to 252 x 252 x 120 mm (9.92 x 9.92 x 4.72 in.).

These enclosures have an IP66 protection rating and are suitable for indoor or protected outdoor use.

- Two to four high grade self tapping screws secure the lid
- Tongue and groove sealing system with thermoplastic elastomer seal.
- Made from non-flammable Polypropylene

CONVENIENCE AND RELIABILITY

Abox Enclosures are manufactured in Polypropylene and are approved by several international test agencies. The unique design of Metric-Membranes allows for installation of large or small cables, cable glands, conduits, and entry spouts while ensuring that the enclosure remains sealed and all housed components are protected.



Center markings Perfect alignment in record time.

Using the center markings on the box, the Abox can be optimally aligned in seconds, by laser for example.



Internal mounting Quickly and easily onto the wall.

Wall mounting is straightforward thanks to the internal fixing points. The screws stay in place due to the membranes.



One for all / Pozidriv/slotted head (PZ/S) No more laborious tool changes.

Only one screwdriver is needed for use with all the screws on the terminal and cover of the new Abox series.



Larger interior space Wiring made easy.

Maximum wiring freedom and ease of working thanks to the larger internal space of the new Abox series.



A Modern Terminal Technique

With our new Abox Enclosures wiring is as easy as 1-2-3. Large numbers of cables from 20 AWG to 2 AWG depending on the enclosure size, can be easily installed.

Smaller enclosures are available with push-in spring clamp terminals while the larger enclosures are available with highset screw clamp terminals.

Abox 025 – Polypropylene – 87 x 87 mm (3.43 x 3.43 in.)

Standard Features

- **Protection Level:** IP66
- **Technical:** Self Sealing Soft Elastic Membranes
Suitable for Metric Entry
- **Sealing Area:** M16/M20 - 4 to 16mm
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray, White or Black
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Accessories:** See section below

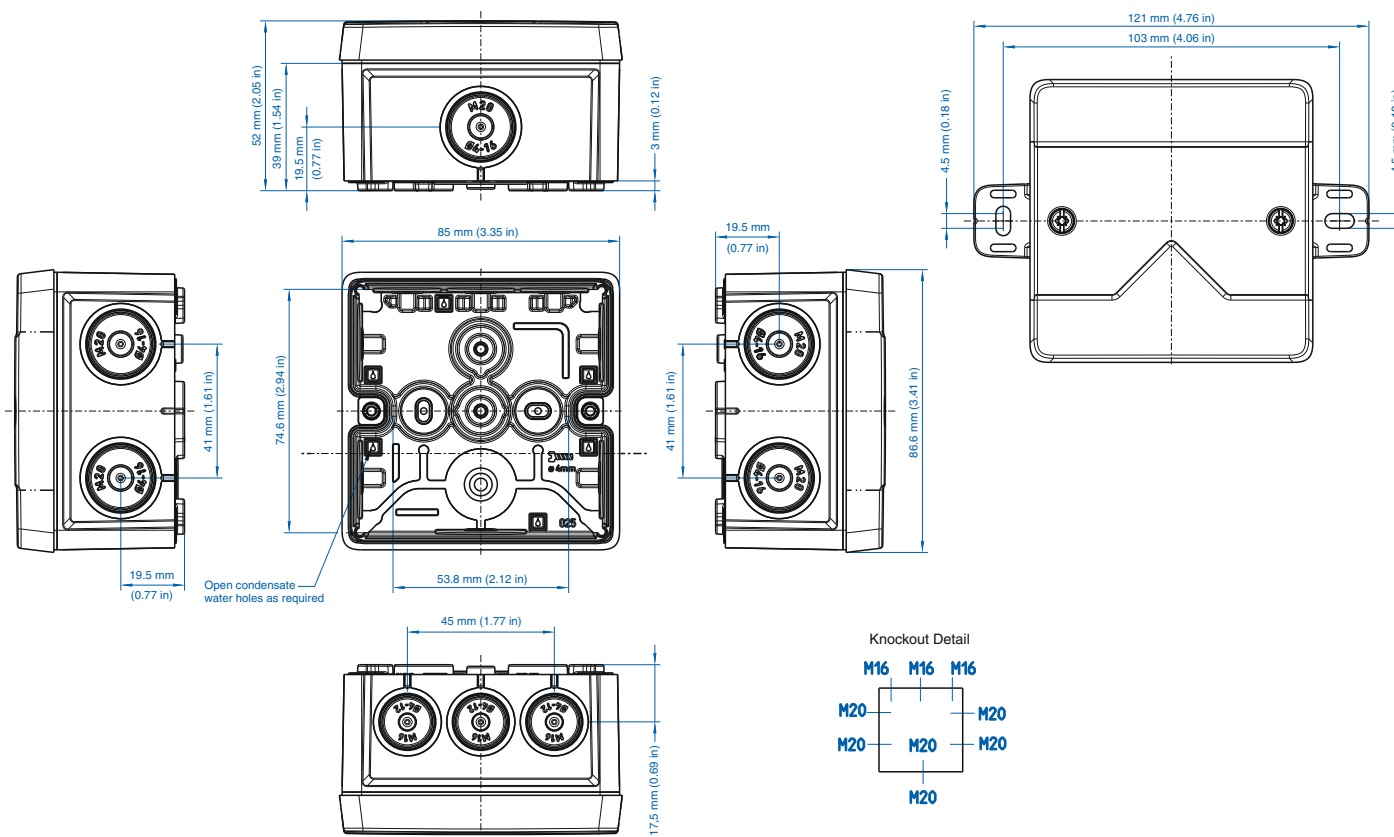


Abox

Ordering Information	Cat. No.	Color	Push-In Terminal	Length	Dimensions mm (in)		Std. Pk.
Enclosure with terminals	802-420-01	gray	2.5 mm ² - 5 pole x 5	87 mm (3.43 in)	87 mm (3.43 in)	52 mm (2.05 in)	3
Enclosure with terminals	802-120-01	white	2.5 mm ² - 5 pole x 5	87 mm (3.43 in)	87 mm (3.43 in)	52 mm (2.05 in)	3
Enclosure - empty	802-400-01	gray	NA	87 mm (3.43 in)	87 mm (3.43 in)	52 mm (2.05 in)	3
Enclosure - empty	802-100-01	white	NA	87 mm (3.43 in)	87 mm (3.43 in)	52 mm (2.05 in)	3
Enclosure - empty	802-000-01	black	NA	87 mm (3.43 in)	87 mm (3.43 in)	52 mm (2.05 in)	3

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
DIN Rail TS15 - 15x61 mm	895-202-01	TS15/61	1
Pole Mount Kit (60-170mm)	896-010-01	MABF65-1	1
Terminal (base mount)	896-404-01	2.5/4 mm ² - 5 pole, 41A/690V	10



Standard Features

- **Protection Level:** IP66
- **Technical:** Self Sealing Soft Elastic Membranes
Suitable for Metric Entry
Integral Mounting Tabs
- **Sealing Area:** M16/M20 - 4 to 16mm
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray, White or Black
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Accessories:** See section below



802-001-01



802-421-01

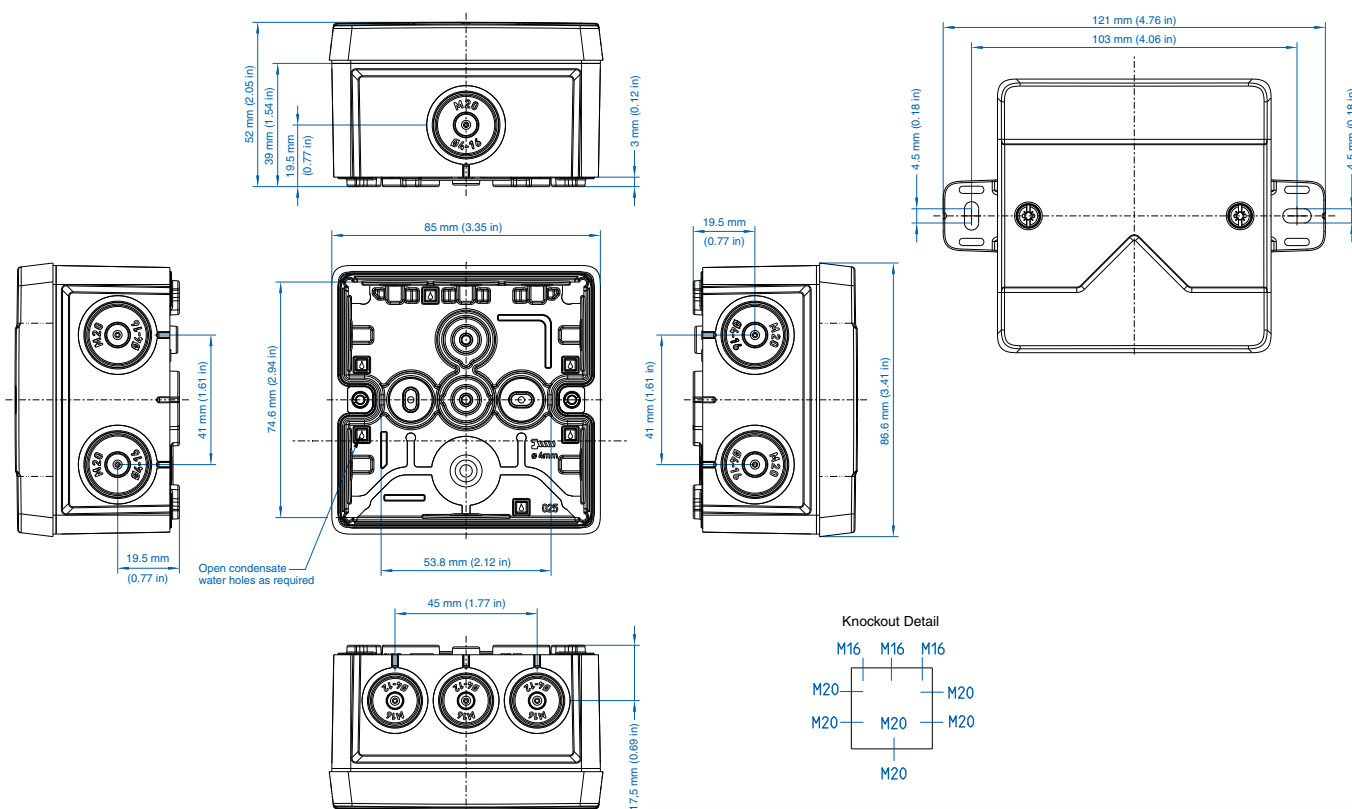


Abox

Ordering Information	Cat. No.	Color	Push-In Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	802-421-01	gray	2.5 mm ² - 5 pole x 5	87 mm (3.43 in)	87 mm (3.43 in)	52 mm (2.05 in)	3
Enclosure - empty	802-401-01	gray	NA	87 mm (3.43 in)	87 mm (3.43 in)	52 mm (2.05 in)	3
Enclosure - empty	802-001-01	black	NA	87 mm (3.43 in)	87 mm (3.43 in)	52 mm (2.05 in)	3

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
DIN Rail TS15 - 15x61 mm	895-202-01	TS15/61	1
Pole Mount Kit (60-170mm)	896-010-01	MABF65-1	1
Terminal (base mount)	896-404-01	2.5/4 mm ² - 5 pole, 41A/690V	10



Abox 025/2 – Polypropylene – 152 x 87 mm (5.98 x 3.43 in.)

Standard Features

- **Protection Level:** IP66
- **Technical:** Self Sealing Soft Elastic Membranes
Suitable for Metric Entry
- **Sealing Area:** M20 - 4 to 16mm
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray, White or Black
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Accessories:** See section below



802-102-01



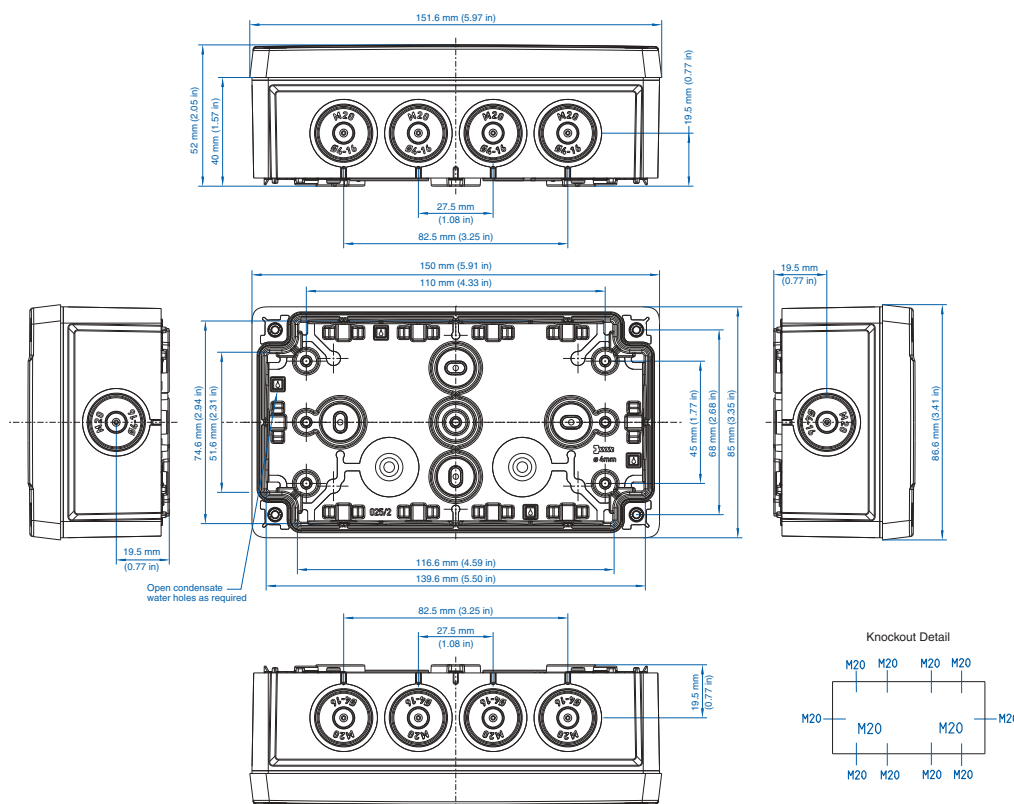
802-002-01

Abox

Ordering Information	Cat. No.	Color	Push-In Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure - empty	802-402-01	gray	NA	152 mm (5.98 in)	87 mm (3.43 in)	52 mm (2.05 in)	3
Enclosure - empty	802-102-01	white	NA	152 mm (5.98 in)	87 mm (3.43 in)	52 mm (2.05 in)	3
Enclosure - empty	802-002-01	black	NA	152 mm (5.98 in)	87 mm (3.43 in)	52 mm (2.05 in)	3

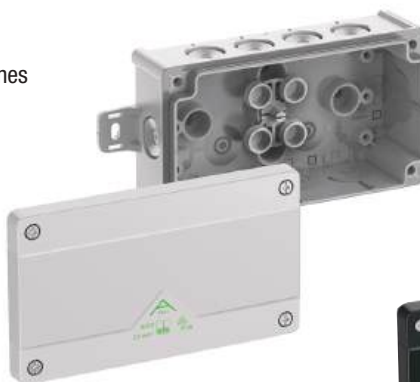
Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
DIN Rail TS15 - 15x124 mm	895-203-01	TS15/124	1
Vertical Pole Mount Kit (60-170mm)	896-010-01	MABF65-1	1
Transverse Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1
Terminal (base mount)	896-404-01	2.5/4 mm ² - 5 pole	10



Standard Features

- **Protection Level:** IP66
- **Technical:** Self Sealing Soft Elastic Membranes
Suitable for Metric Entry
Integral Mounting Tabs
- **Sealing Area:** M20 - 4 to 16mm
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray or Black
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Accessories:** See section below



802-403-01



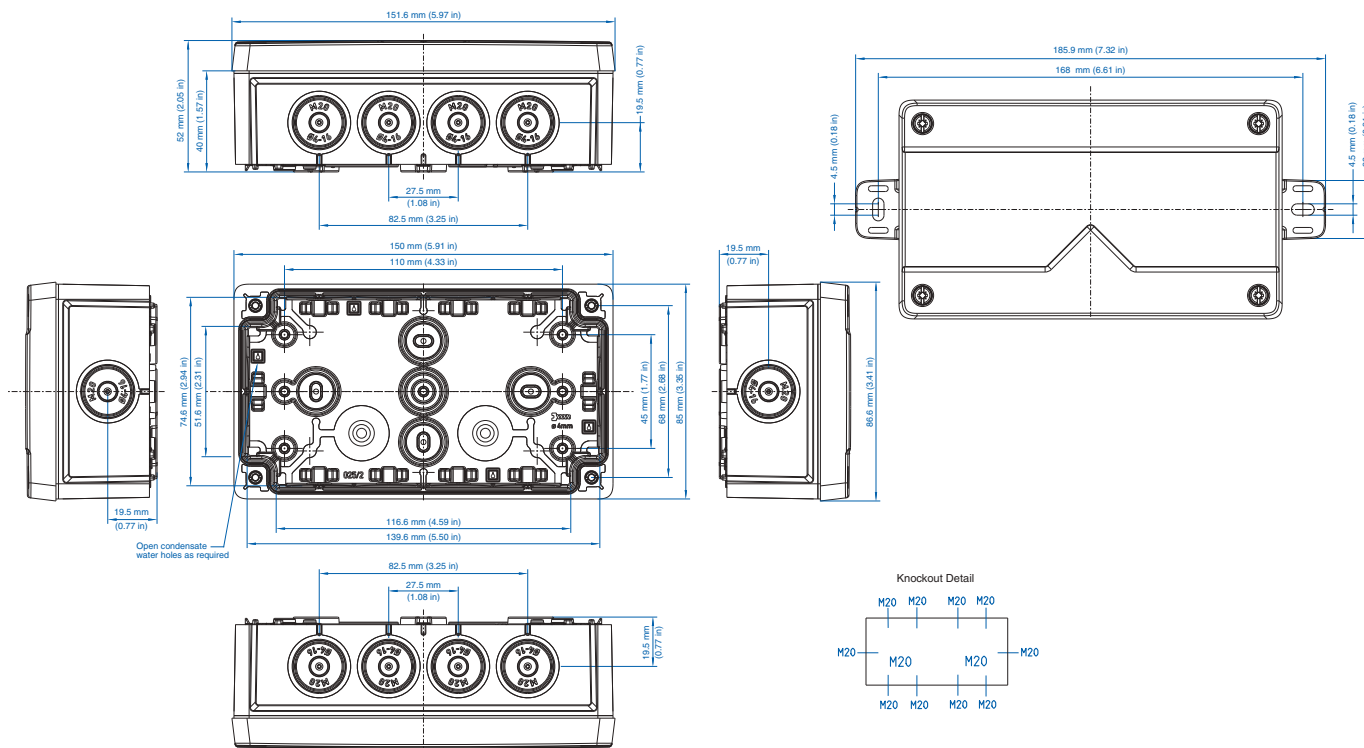
802-003-01

Abox

Ordering Information	Cat. No.	Color	Push-In Terminal	Length	Dimensions mm (in) Width	Height	Std. Pk.
Enclosure - empty	802-403-01	gray	NA	152 mm (5.98 in)	87 mm (3.43 in)	52 mm (2.05 in)	3
Enclosure - empty	802-003-01	black	NA	152 mm (5.98 in)	87 mm (3.43 in)	52 mm (2.05 in)	3

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
DIN Rail TS15 - 15x124 mm	895-203-01	TS15/124	1
Vertical Pole Mount Kit (60-170mm)	896-010-01	MABF65-1	1
Transverse Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1
Terminal (base mount)	896-404-01	2.5/4 mm ² - 5 pole	10



Abox 040 – Polypropylene – 102 x 102 mm (4.02 x 4.02 in.)

Standard Features

- **Protection Level:** IP66
- **Technical:** Self Sealing Soft Elastic Membranes
Suitable for Metric Entry
- **Sealing Area:** M20/M25 - 4 to 21mm
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray, White or Black
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Accessories:** See section below

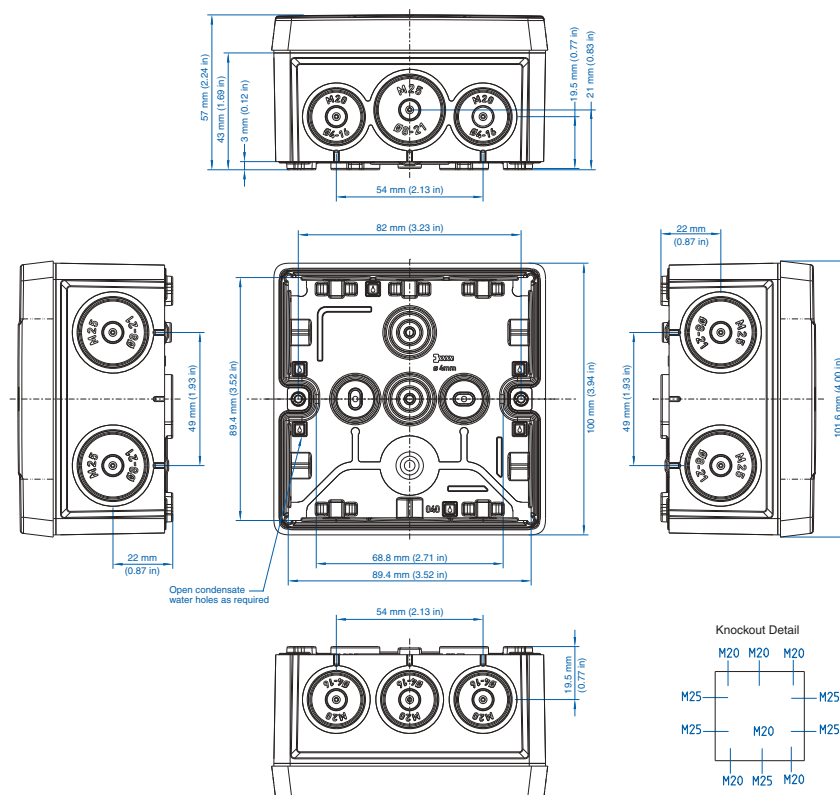


Abox

Ordering Information	Cat. No.	Color	Push-In Terminal	Length	Dimensions mm (in)		Std. Pk.
Enclosure with terminals	804-420-01	gray	4 mm ² - 4 pole x 5	102 mm (4.02 in)	102 mm (4.02 in)	57 mm (2.24 in)	3
Enclosure with terminals	804-120-01	white	4 mm ² - 4 pole x 5	102 mm (4.02 in)	102 mm (4.02 in)	57 mm (2.24 in)	3
Enclosure - empty	804-400-01	gray	NA	102 mm (4.02 in)	102 mm (4.02 in)	57 mm (2.24 in)	3
Enclosure - empty	804-100-01	white	NA	102 mm (4.02 in)	102 mm (4.02 in)	57 mm (2.24 in)	3
Enclosure - empty	804-000-01	black	NA	102 mm (4.02 in)	102 mm (4.02 in)	57 mm (2.24 in)	3

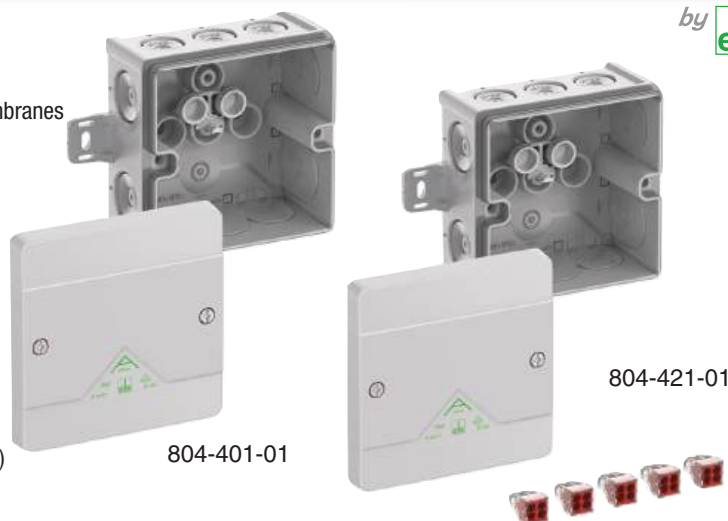
Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
DIN Rail TS15 - 15x71 mm	895-204-01	TS15/71	1
Pole Mount Kit (60-170mm)	896-010-01	MABF65-1	1
Terminal (base mount)	896-404-01	2.5/4 mm ² - 5 pole, 41A/690V	10



Standard Features

- **Protection Level:** IP66
- **Technical:** Self Sealing Soft Elastic Membranes
Suitable for Metric Entry
Integral Mounting Tabs
- **Sealing Area:** M20/M25 - 4 to 21mm
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray or Black
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Accessories:** See section below

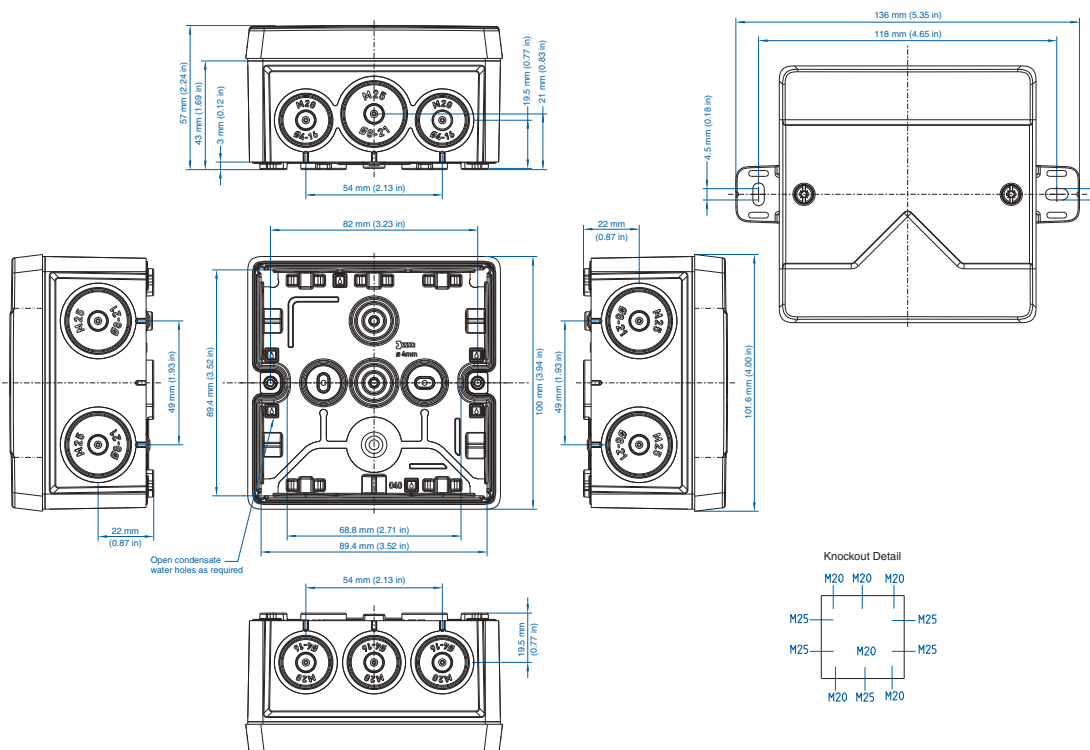


Abox

Ordering Information	Cat. No.	Color	Push-In Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	804-421-01	gray	4 mm ² - 4 pole x 5	102 mm (4.02 in)	102 mm (4.02 in)	57 mm (2.24 in)	3
Enclosure - empty	804-401-01	gray	NA	102 mm (4.02 in)	102 mm (4.02 in)	57 mm (2.24 in)	3
Enclosure - empty	804-001-01	black	NA	102 mm (4.02 in)	102 mm (4.02 in)	57 mm (2.24 in)	3

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
DIN Rail TS15 - 15x71 mm	895-204-01	TS15/71	1
Pole Mount Kit (60-170mm)	896-010-01	MABF65-1	1
Terminal (base mount)	896-404-01	2.5/4 mm ² - 5 pole, 41A/690V	10



Abox 060 – Polypropylene – 127 x 127 mm (5.00 x 5.00 in.)

Standard Features

- **Protection Level:** IP66
- **Technical:** Self Sealing Soft Elastic Membrane
Suitable for Metric Entry
- **Sealing Area:** M20/M25/M32 - 4 to 28mm
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray, White or Black
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Accessories:** See section below



806-400-01



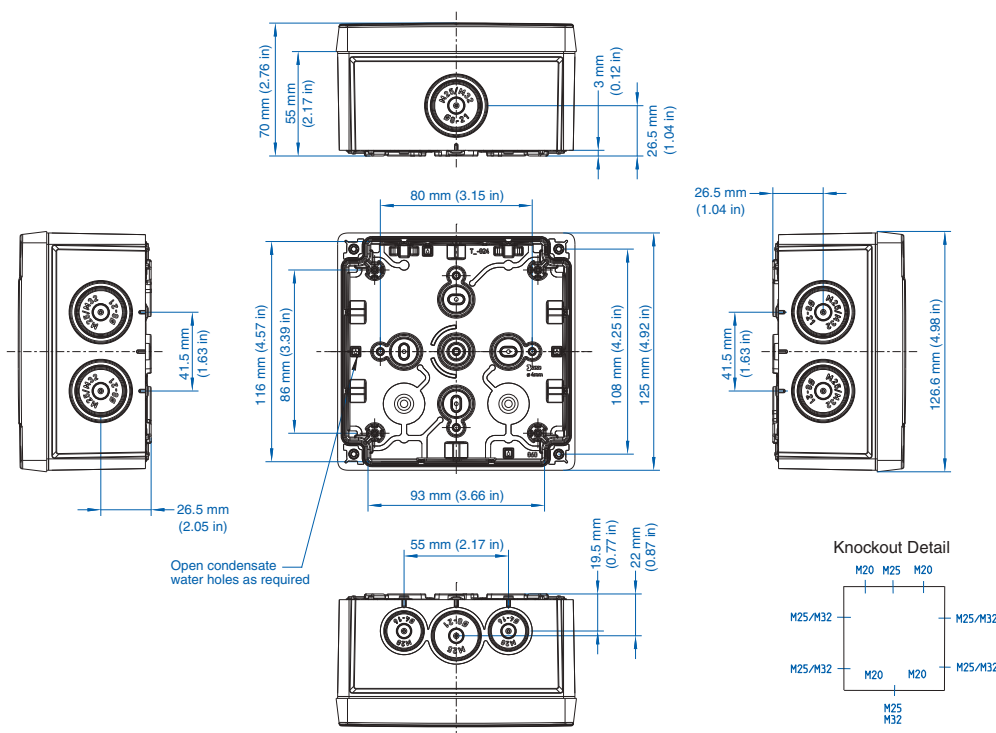
806-020-01

Abox

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in)	Width	Height	Std. Pk.
Enclosure with terminals	806-420-01	gray	6 mm ² - 5 pole	127 mm (5.00 in)	127 mm (5.00 in)	127 mm (5.00 in)	70 mm (2.76 in)	2
Enclosure with terminals	806-120-01	white	6 mm ² - 5 pole	127 mm (5.00 in)	127 mm (5.00 in)	127 mm (5.00 in)	70 mm (2.76 in)	2
Enclosure with terminals	806-020-01	black	6 mm ² - 5 pole	127 mm (5.00 in)	127 mm (5.00 in)	127 mm (5.00 in)	70 mm (2.76 in)	2
Enclosure - empty	806-400-01	gray	NA	127 mm (5.00 in)	127 mm (5.00 in)	127 mm (5.00 in)	70 mm (2.76 in)	2
Enclosure - empty	806-100-01	white	NA	127 mm (5.00 in)	127 mm (5.00 in)	127 mm (5.00 in)	70 mm (2.76 in)	2
Enclosure - empty	806-000-01	black	NA	127 mm (5.00 in)	127 mm (5.00 in)	127 mm (5.00 in)	70 mm (2.76 in)	2

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-106-01	MPI060	1
DIN Rail TS 35 – 35x95 mm	895-306-01	TS35/95	1
Terminal (high-set)	896-406-01	6 mm ² - 5 pole, 41A/690V	5
Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1



Standard Features

- **Protection Level:** IP66
- **Technical:** Self Sealing Soft Elastic Membr
Suitable for Metric Entry
Integral Mounting Tabs
- **Sealing Area:** M20/M25/M32 - 4 to 28mm
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Accessories:** See section below



806-401-01

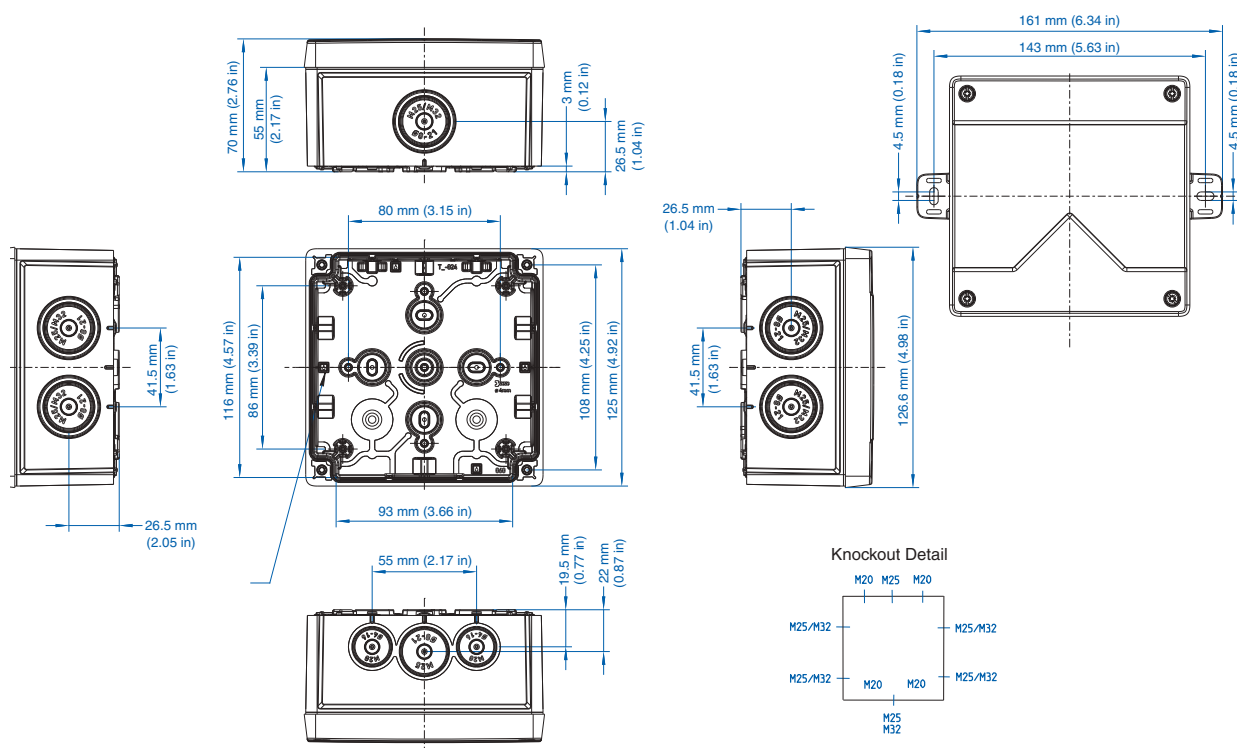
806-421-01

Abox

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in)		Std. Pk.
					Width	Height	
Enclosure with terminals	806-421-01	gray	6 mm ² - 5 pole	127 mm (5.00 in)	127 mm (5.00 in)	70 mm (2.76 in)	2
Enclosure - empty	806-401-01	gray	NA	127 mm (5.00 in)	127 mm (5.00 in)	70 mm (2.76 in)	2

Accessories

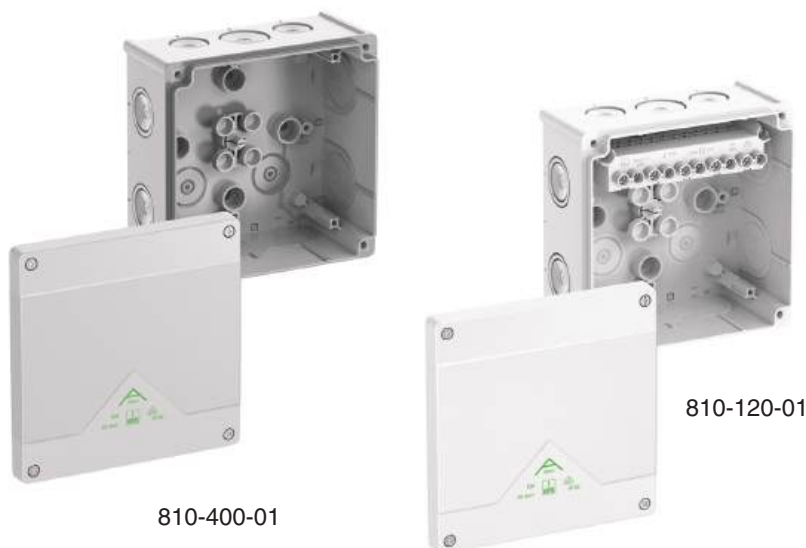
Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-106-01	MPI060	1
DIN Rail TS 35 – 35x95 mm	895-306-01	TS35/95	1
Terminal (high-set)	896-406-01	6 mm ² - 5 pole, 41A/690V	5
Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1



Abox 100 – Polypropylene – 152 x 152 mm (5.98 x 5.98 in.)

Standard Features

- **Protection Level:** IP66
- **Technical:** Self Sealing Soft Elastic Membr
Suitable for Metric Entry
- **Sealing Area:** M20/M25/M32 - 8 to 28mm
- **UL Recognized Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray or White
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Accessories:** See section below

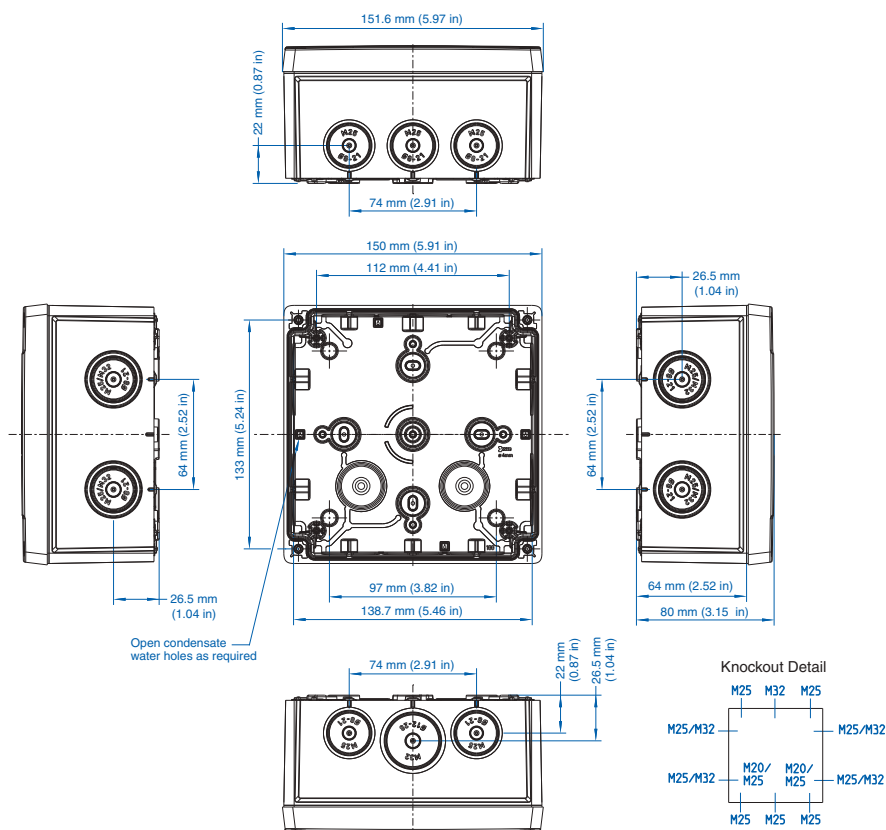


Abox

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	810-420-01	gray	10 mm ² - 5 pole	152 mm (5.98 in)	152 mm (5.98 in)	80 mm (3.15 in)	2
Enclosure with terminals	810-120-01	white	10 mm ² - 5 pole	152 mm (5.98 in)	152 mm (5.98 in)	80 mm (3.15 in)	2
Enclosure - empty	810-400-01	gray	NA	152 mm (5.98 in)	152 mm (5.98 in)	80 mm (3.15 in)	2
Enclosure - empty	810-100-01	white	NA	152 mm (5.98 in)	152 mm (5.98 in)	80 mm (3.15 in)	2

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-110-01	MPI100	1
DIN Rail TS 35 – 35x120 mm	895-310-01	TS35/120	1
Terminal (high-set)	896-410-01	10 mm ² - 5 pole, 57A/690V	5
Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1



Standard Features

- **Protection Level:** IP66
- **Technical:** Self Sealing Soft Elastic Memt
Suitable for Metric Entry
Integral Mounting Tabs
- **Sealing Area:** M20/M25/M32 - 8 to 28mm
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Accessories:** See section below



810-421-01



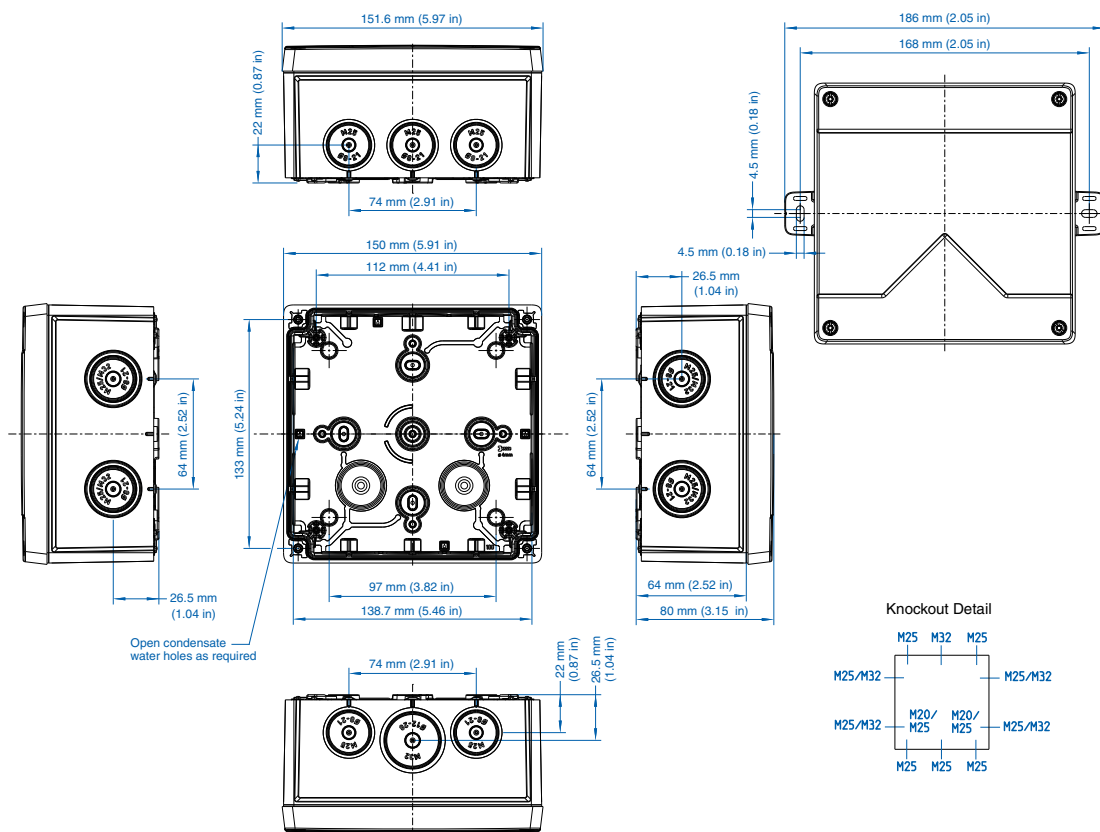
810-401-01

Abox

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in) Width	Height	Std. Pk.
Enclosure with terminals	810-421-01	gray	10 mm ² - 5 pole	152 mm (5.98 in)	152 mm (5.98 in)	80 mm (3.15 in)	2
Enclosure - empty	810-401-01	gray	NA	152 mm (5.98 in)	152 mm (5.98 in)	80 mm (3.15 in)	2

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-110-01	MPI100	1
DIN Rail TS 35 – 35x120 mm	895-310-01	TS35/120	1
Terminal (high-set)	896-410-01	10 mm ² - 5 pole, 57A/690V	5
Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1



Abox 160 – Polypropylene – 182 x 182 mm (7.17 x 7.17 in.)

Standard Features

- **Protection Level:** IP55* / IP66**
- **Technical:** Knockout Sidewalls (M20/M32/M40)
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Included Accessories:** (4) M40 Entry Spouts for Cables 17-30mm
(1) M40 Sealing Plug
(1) Cover Retainer
- **Accessories:** See section below

* With Supplied Entry Spouts

**As Equipped or With Optional IP66 Cable Glands

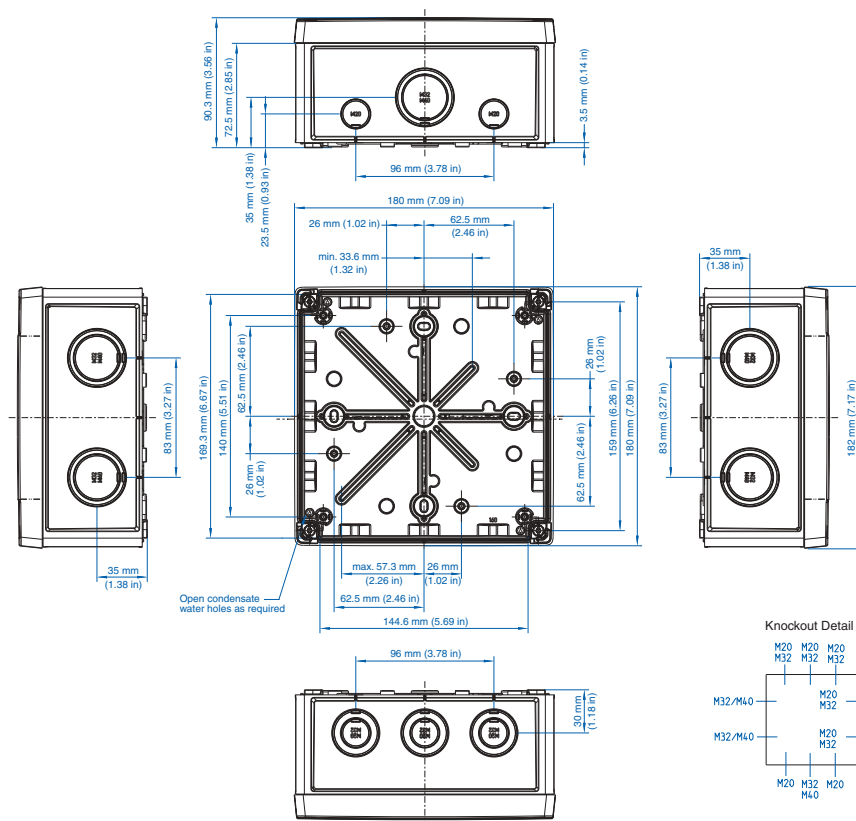


Abox

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	816-420-01	gray	16 mm ² - 5 pole	182 mm (7.17 in)	182 mm (7.17 in)	90 mm (3.54 in)	1
Enclosure - empty	816-400-01	gray	NA	182 mm (7.17 in)	182 mm (7.17 in)	90 mm (3.54 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-116-01	MPI160	1
DIN Rail TS 35 – 35x137 mm	895-316-01	TS35/137	1
Terminal (high-set)	896-416-01	16 mm ² - 5 pole, 101A/690V	2
Pole Mount Kit (60-170mm)	896-030-01	MABF150-1	1



Standard Features

- **Protection Level:** IP55* / IP66**
- **Technical:** Knockout Sidewalls (M20/M25/M40/M50)
- **UL Recognized**
- **Enclosure Material:** Polypropylene
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray
- **Material Operating Temperature Range:** Polypropylene
-25°C to 55°C (-13°F to 131°F)
- **Included Accessories:** (4) M40 Entry Spouts for Cables 17-30mm
(1) M40 Sealing Plug
(1) Cover Retainer
- **Accessories:** See section below



* With Supplied Entry Spouts

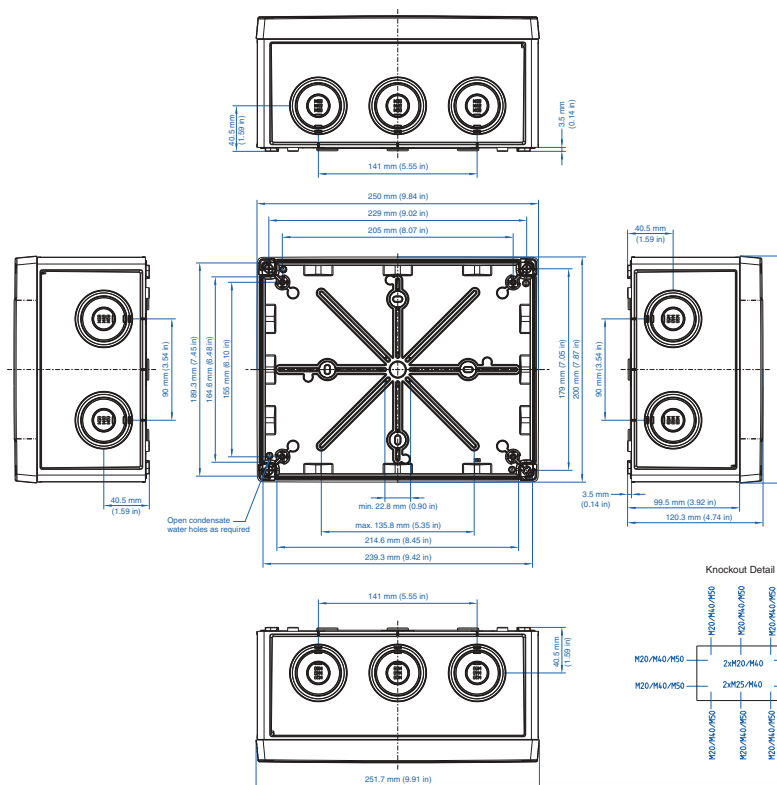
**As Equipped or With Optional IP66 Cable Glands

Abox

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in) Width	Height	Std. Pk.
Enclosure with terminals	825-420-01	gray	35/25 mm ² - 5 pole	252 mm (9.92 in)	202 mm (7.95 in)	120 mm (4.72 in)	1
Enclosure - empty	825-400-01	gray	NA	252 mm (9.92 in)	202 mm (7.95 in)	120 mm (4.72 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-125-01	MPI250	1
DIN Rail TS 35 – 35x202 mm	895-335-01	TS35/202	1
DIN Rail TS 35 – 35x137 mm	895-316-01	TS35/137	1
Terminal (high-set)	896-435-01	35/25 mm ² - 5 pole, 125A/690V	1
Vertical Pole Mount Kit (60-170mm)	896-031-01	MABF150-2	1
Transverse Pole Mount Kit (60-170mm)	896-040-01	MABF215-1	1



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Abox Pro Series

Abox Pro Series (formerly the Abox-i Series) junction boxes for harsh environments can be used wherever extreme conditions are encountered: offshore platforms, ocean vessels, petrochemical plants, agriculture, steel mills and railways.

These enclosures are similar to the Abox series but made in a stronger material with a more rugged design. The two series share similar features like terminal offering, mounting options and basic design. However the Abox Pro series is suitable for use in unprotected outdoor environments.

- Direct mount
- Glass reinforced Polycarbonate
- Integral seal
- Impervious to sea air and water
- IP66/67/69 protection
- High temperature resistance
- High mechanical strength (IK09)
- Corrosion and maintenance free
- Halogen free
- Standard knockouts
- 7 different sizes
- Contemporary styling
- UV fade resistance for optimal outdoor use
- High chemical resistance
- Wire sizes from 2.5mm² sq. to 35mm² sq. (14-2 AWG)
- Ideal for installations in high risk fire areas

CONVENIENCE AND RELIABILITY

Abox Pro enclosures are manufactured in Polycarbonate and are approved by several international test agencies. The new enclosures have high impact resistance and protect against water, heat and sunlight.



Extremely robust

Temperatures from -35°C to +80 °C.

Heat, cold, humidity or direct sunlight - the new Abox Pro can withstand the most adverse outdoor conditions without any problems.



Industry

For industry and extreme conditions.

With an impact resistance of IK09, high chemical resistance and temperature resistance of up to 80°C, the Abox Pro offers durable protection in extreme applications.



Agriculture + farming

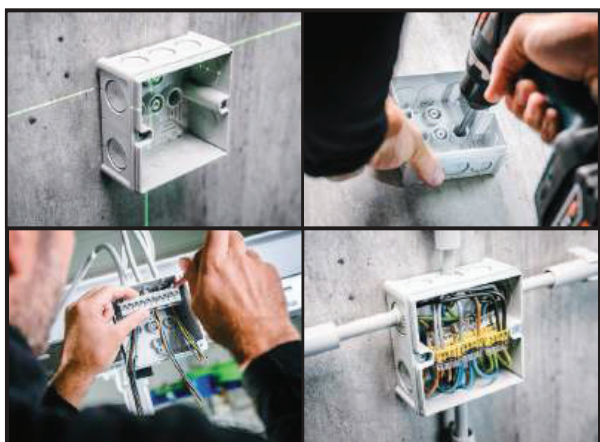
Safety for people and animals.

Electrical installations in agriculture require reliable protection. Influences such as dust, moisture and ammonia make it necessary to use materials with DLG certification.



No compromises in safety.

For us it's mandatory: the entire Abox series is subject to extensive testing and certifications. It is VDE and DLG certified. The DNV certifications means that the Abox Pro version is approved for use in shipping and maritime applications.



Abox & Abox Pro Series Features

The Abox Pro series offers the same terminal and mounting features as the standard Abox series, see intro page for more details on these features.

- Center markings - Perfect alignment in record time
- Internal mounting - Quickly and easily onto the wall
- Larger interior space - Wiring made easy
- A modern terminal technique

Abox Pro 025 – Polycarbonate – 92 x 92 mm (3.62 x 3.62 in.)

Standard Features

- **Protection Level:** IP66/IP67/IP69
- **Technical:** Knockout Sidewalls (M16/M20)
- **UL Recognized**
- **Enclosure Material:** Polycarbonate
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray or Black
- **Material Operating Temperature Range:** Polycarbonate
-35°C to 80°C (-31°F to 176°F)
- **Included Accessories:** (4) M20 Double Membrane Seals for 7-13mm Cables
Cover Retainer
- **Accessories:** See section below

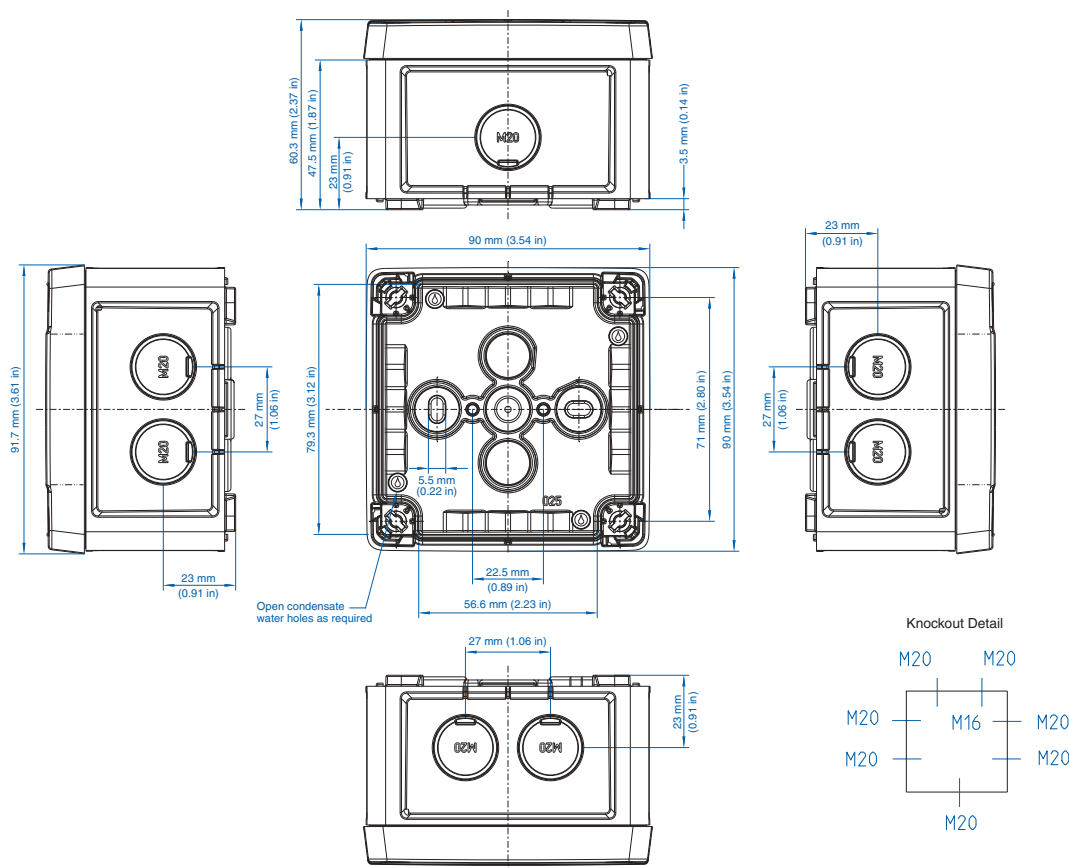


Abox Pro

Ordering Information	Cat. No.	Color	Push-In Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	402-420-01	gray	2.5 mm ² - 5 pole x 5	92 mm (3.62 in)	92 mm (3.62 in)	60 mm (2.36 in)	3
Enclosure with terminals	402-020-01	black	2.5 mm ² - 5 pole x 5	92 mm (3.62 in)	92 mm (3.62 in)	60 mm (2.36 in)	3
Enclosure - empty	402-400-01	gray	NA	92 mm (3.62 in)	92 mm (3.62 in)	60 mm (2.36 in)	3
Enclosure - empty	402-000-01	black	NA	92 mm (3.62 in)	92 mm (3.62 in)	60 mm (2.36 in)	3

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
DIN Rail TS15 - 15x61 mm	895-202-01	TS15/61	1
Pole Mount Kit (60-170mm)	896-010-01	MABF65-1	1
Terminal (base mount)	896-404-01	2.5/4 mm ² - 5 pole, 41A/690V	10



Standard Features

- **Protection Level:** IP66/IP67/IP69
- **Technical:** Knockout Sidewalls (M16/M20)
Integral Mounting Tabs
- **UL Recognized**
- **Enclosure Material:** Polycarbonate
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray or Black
- **Material Operating Temperature Range:** Polycarbonate
-35°C to 80°C (-31°F to 176°F)
- **Included Accessories:** (4) M20 Double Membrane Seals for 7-13mm Cables
Cover Retainer
- **Accessories:** See section below

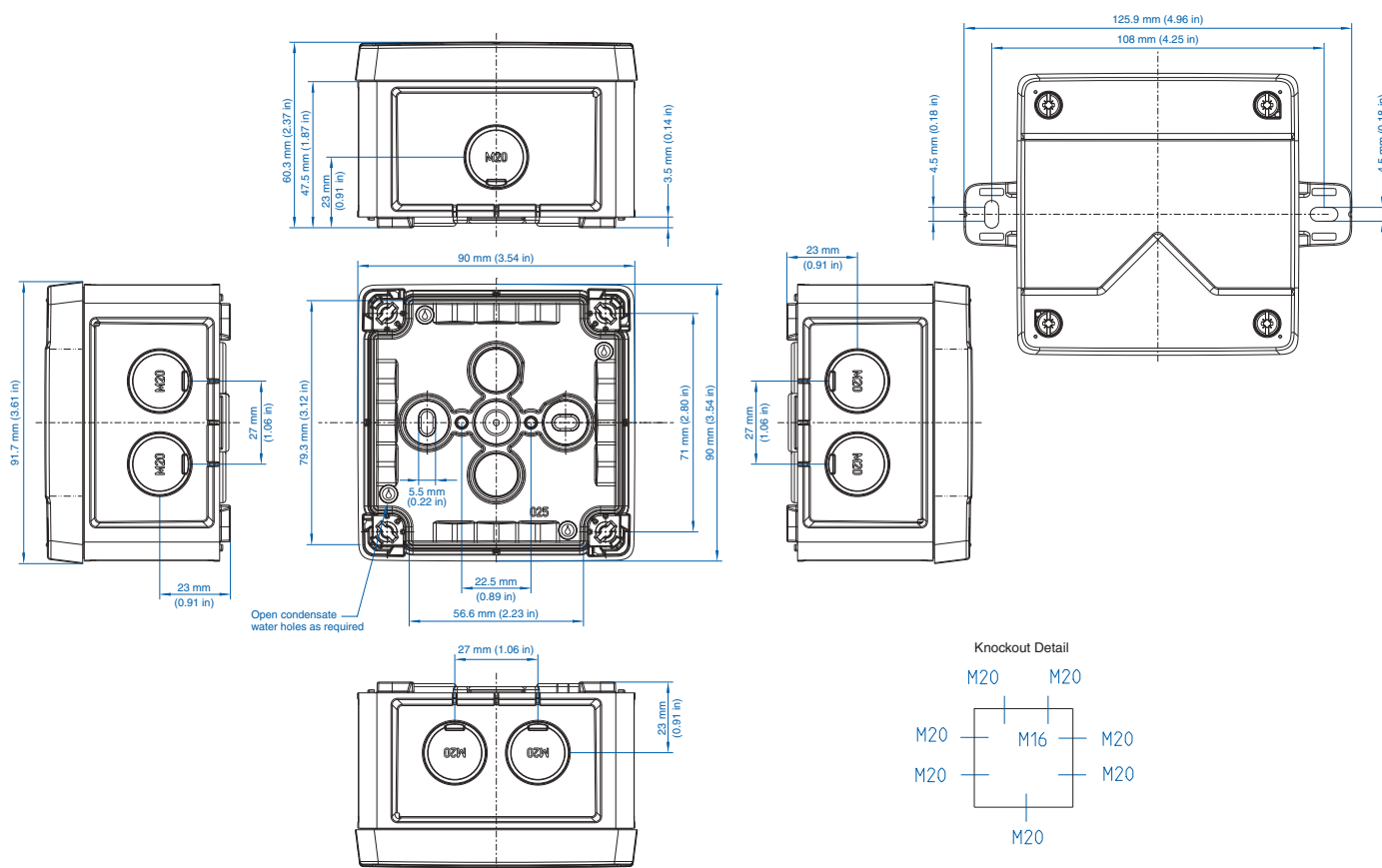


Abox Pro

Ordering Information	Cat. No.	Color	Push-In Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	402-421-01	gray	2.5 mm ² - 5 pole x 5	92 mm (3.62 in)	92 mm (3.62 in)	60 mm (2.36 in)	3
Enclosure - empty	402-401-01	gray	NA	92 mm (3.62 in)	92 mm (3.62 in)	60 mm (2.36 in)	3
Enclosure - empty	402-001-01	black	NA	92 mm (3.62 in)	92 mm (3.62 in)	60 mm (2.36 in)	3

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
DIN Rail TS15 - 15x61 mm	895-202-01	TS15/61	1
Pole Mount Kit (60-170mm)	896-010-01	MABF65-1	1
Terminal (base mount)	896-404-01	2.5/4 mm ² - 5 pole, 41A/690V	10



Abox Pro 040 – Polycarbonate – 102 x 102 mm (4.02 x 4.02 in.)

Standard Features

- **Protection Level:** IP66/IP67/IP69
- **Technical:** Knockout Sidewalls (M16/M20/M25)
- **UL Recognized**
- **Enclosure Material:** Polycarbonate
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray or Black
- **Material Operating Temperature Range:** Polycarbonate
-35°C to 80°C (-31°F to 176°F)
- **Included Accessories:** (4) M25 Double Membrane Seals
for 9-17mm Cables
Cover Retainer
- **Accessories:** See section below



404-400-01

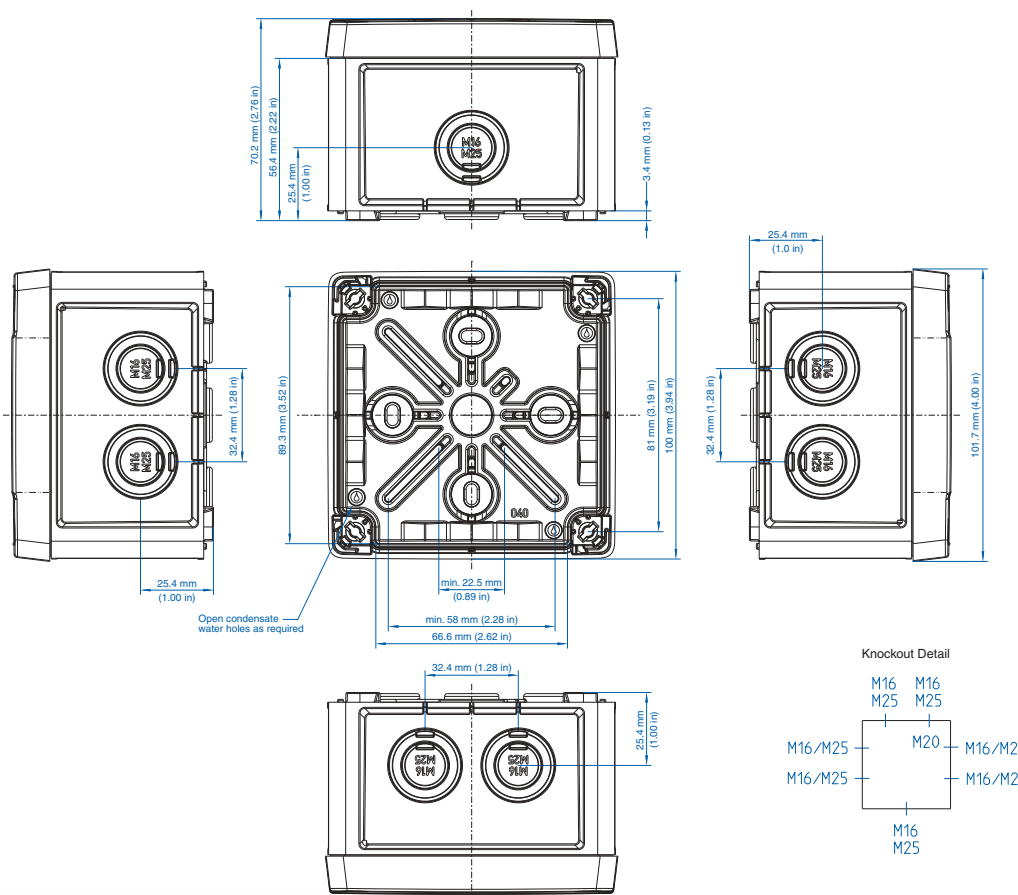
404-020-01

Abox Pro

Ordering Information	Cat. No.	Color	Push-In Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	404-420-01	gray	2.5 mm ² - 5 pole x 5	102 mm (4.02 in)	102 mm (4.02 in)	70 mm (2.76 in)	3
Enclosure with terminals	404-020-01	black	2.5 mm ² - 5 pole x 5	102 mm (4.02 in)	102 mm (4.02 in)	70 mm (2.76 in)	3
Enclosure - empty	404-400-01	gray	NA	102 mm (4.02 in)	102 mm (4.02 in)	70 mm (2.76 in)	3
Enclosure - empty	404-000-01	black	NA	102 mm (4.02 in)	102 mm (4.02 in)	70 mm (2.76 in)	3

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
DIN Rail TS15 - 15x61 mm	895-202-01	TS15/61	1
Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1
Terminal (base mount)	896-404-01	2.5/4 mm ² - 5 pole, 41A/690V	10



Standard Features

- **Protection Level:** IP66/IP67/IP69
- **Technical:** Knockout Sidewalls (M16/M20/M25)
Integral Mounting Tabs
- **UL Recognized**
- **Enclosure Material:** Polycarbonate
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray
- **Material Operating Temperature Range:** Polycarbonate
-35°C to 80°C (-31°F to 176°F)
- **Included Accessories:** (4) M25 Double Membrane Seals for 9-17mm Cables
Cover Retainer
- **Accessories:** See section below

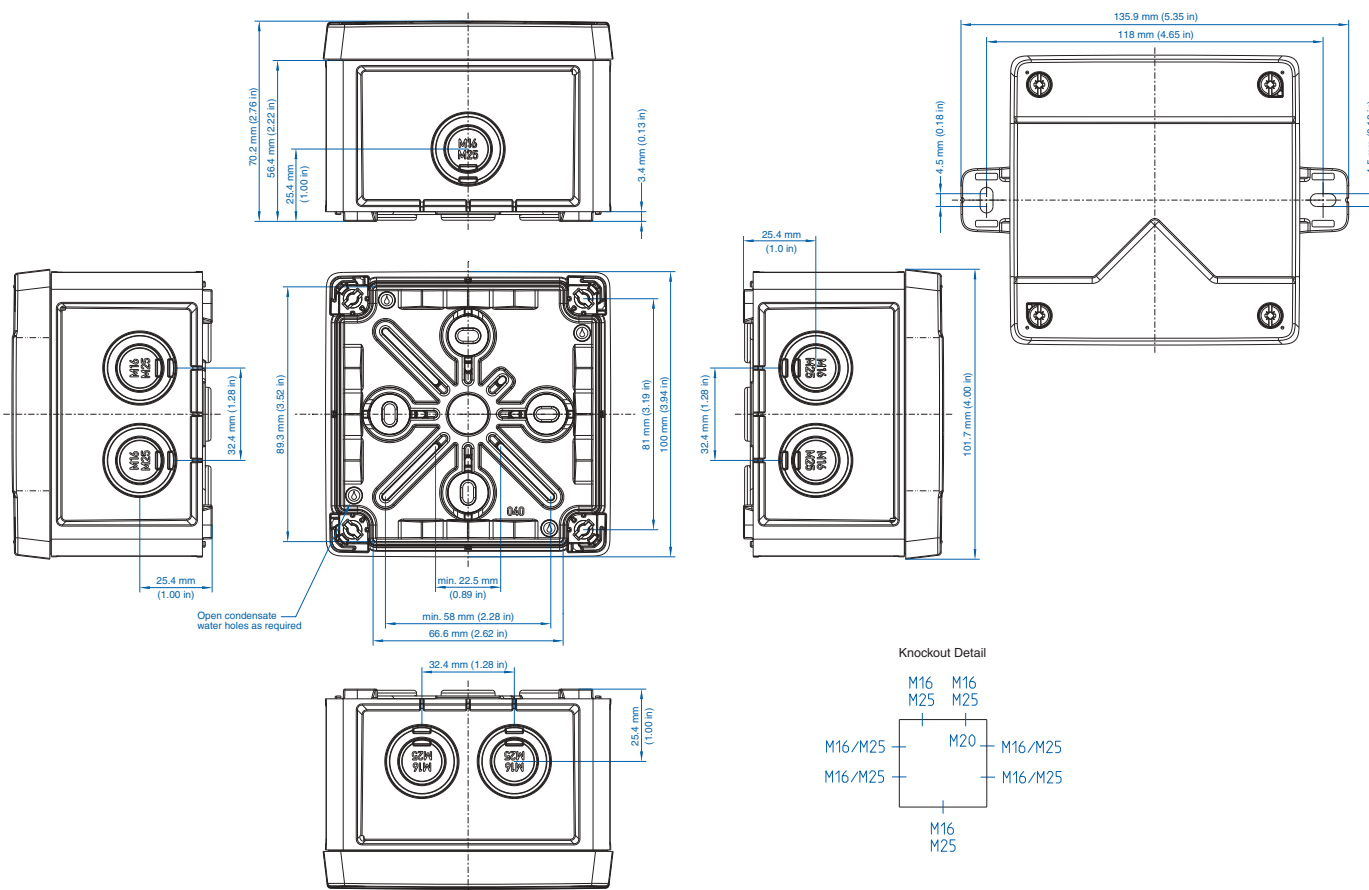


Abox Pro

Ordering Information	Cat. No.	Color	Push-In Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	404-421-01	gray	4 mm ² - 4 pole x 5	102 mm (4.02 in)	102 mm (4.02 in)	70 mm (2.76 in)	3
Enclosure - empty	404-401-01	gray	NA	102 mm (4.02 in)	102 mm (4.02 in)	70 mm (2.76 in)	3

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
DIN Rail TS15 - 15x61 mm	895-202-01	TS15/61	1
Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1
Terminal (base mount)	896-404-01	2.5/4 mm ² - 5 pole, 41A/690V	10



Abox Pro 060 – Polycarbonate – 127 x 127 mm (5.00 x 5.00 in.)

Standard Features

- **Protection Level:** IP66/IP67/IP69
- **Technical:** Knockout Sidewalls (M20/M32)
- **UL Recognized**
- **Enclosure Material:** Polycarbonate
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray or Black
- **Material Operating Temperature Range:** Polycarbonate
-35°C to 80°C (-31°F to 176°F)
- **Included Accessories:** (4) M32 Double Membrane Seals
for 13-21mm Cables
Cover Retainer
- **Accessories:** See section below

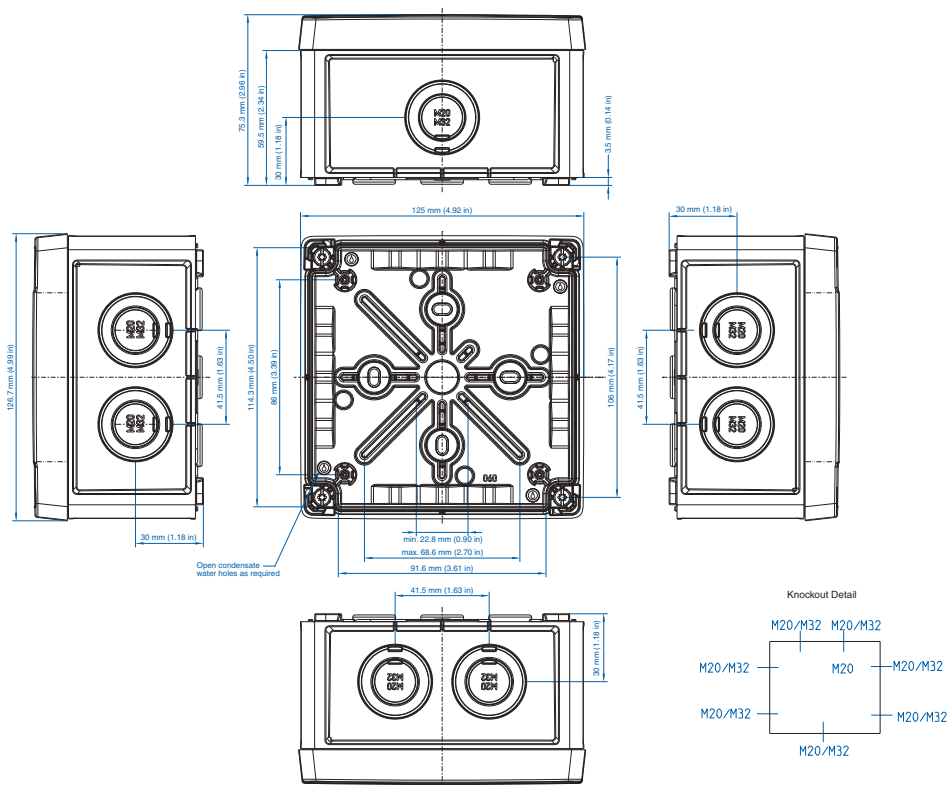


Abox Pro

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in)	Width	Height	Std. Pk.
Enclosure with terminals	406-420-01	gray	6 mm ² - 5 pole	127 mm (5.00 in)	127 mm (5.00 in)	127 mm (5.00 in)	75 mm (2.95 in)	2
Enclosure with terminals	406-020-01	black	6 mm ² - 5 pole	127 mm (5.00 in)	127 mm (5.00 in)	127 mm (5.00 in)	75 mm (2.95 in)	2
Enclosure - empty	406-400-01	gray	NA	127 mm (5.00 in)	127 mm (5.00 in)	127 mm (5.00 in)	75 mm (2.95 in)	2
Enclosure - empty	406-000-01	black	NA	127 mm (5.00 in)	127 mm (5.00 in)	127 mm (5.00 in)	75 mm (2.95 in)	2

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-106-01	MPI060	1
DIN Rail TS 35 – 35x95 mm	895-306-01	TS35/95	1
Terminal (high-set)	896-406-01	6 mm ² - 5 pole, 41A/690V	5
Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1



Standard Features

- **Protection Level:** IP66/IP67/IP69
- **Technical:** Knockout Sidewalls (M20/M32)
Integral Mounting Tabs
- **UL Recognized**
- **Enclosure Material:** Polycarbonate
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray
- **Material Operating Temperature Range:** Polycarbonate
-35°C to 80°C (-31°F to 176°F)
- **Included Accessories:** (4) M32 Double Membrane Seals for 13-21mm Cables
Cover Retainer
- **Accessories:** See section below

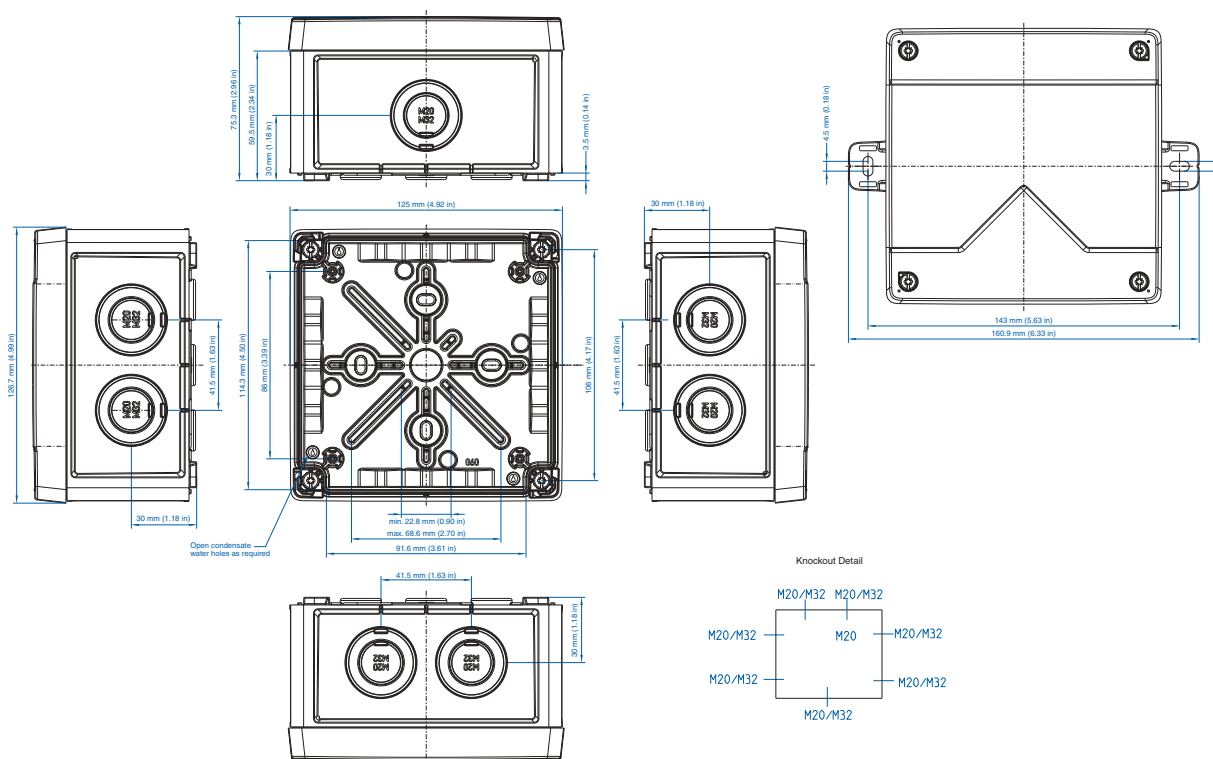


Abox Pro

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	406-421-01	gray	6 mm ² - 5 pole	127 mm (5.00 in)	127 mm (5.00 in)	75 mm (2.95 in)	2
Enclosure - empty	406-401-01	gray	NA	127 mm (5.00 in)	127 mm (5.00 in)	75 mm (2.95 in)	2

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-106-01	MPI060	1
DIN Rail TS 35 – 35x95 mm	895-306-01	TS35/95	1
Terminal (high-set)	896-406-01	6 mm ² - 5 pole, 41A/690V	5
Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1



Abox Pro 100 – Polycarbonate – 152 x 152 mm (5.98 x 5.98 in.)

Standard Features

- **Protection Level:** IP66/IP67/IP69
- **Technical:** Knockout Sidewalls (M20/M25/M32)
- **UL Recognized**
- **Enclosure Material:** Polycarbonate
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray or Black
- **Material Operating Temperature Range:** Polycarbonate
-35°C to 80°C (-31°F to 176°F)
- **Included Accessories:** (4) M32 Double Membrane Seals for 13-21 mm Cables
Cover Retainer
- **Accessories:** See section below

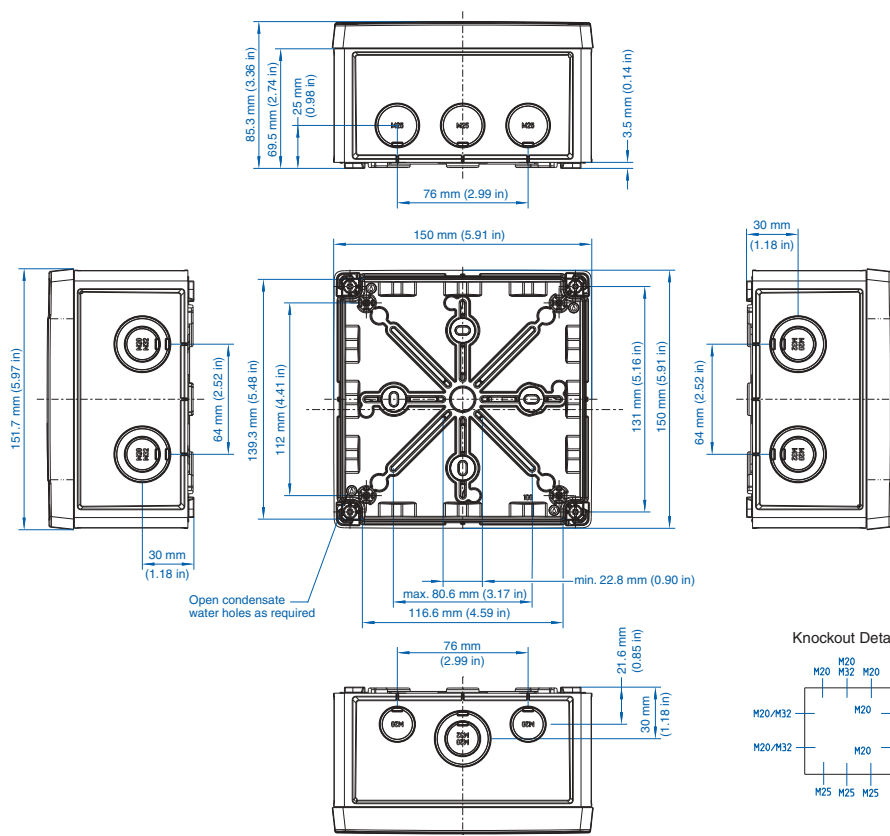


Abox Pro

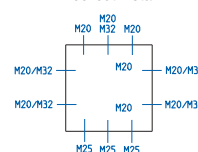
Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	410-420-01	gray	10 mm ² - 5 pole	152 mm (5.98 in)	152 mm (5.98 in)	85 mm (3.35 in)	2
Enclosure with terminals	410-020-01	black	10 mm ² - 5 pole	152 mm (5.98 in)	152 mm (5.98 in)	85 mm (3.35 in)	2
Enclosure - empty	410-400-01	gray	NA	152 mm (5.98 in)	152 mm (5.98 in)	85 mm (3.35 in)	2
Enclosure - empty	410-000-01	black	NA	152 mm (5.98 in)	152 mm (5.98 in)	85 mm (3.35 in)	2

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-110-01	MPI100	1
DIN Rail TS 35 – 35x120 mm	895-310-01	TS35/120	1
Terminal (high-set)	896-410-01	10 mm ² - 5 pole, 57A/690V	5
Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1



Knockout Detail



Standard Features

- **Protection Level:** IP66/IP67/IP69
- **Technical:** Knockout Sidewalls (M20/M25/M32)
Integral Mounting Tabs
- **UL Recognized**
- **Enclosure Material:** Polycarbonate
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray
- **Material Operating Temperature Range:** Polycarbonate
-35°C to 80°C (-31°F to 176°F)
- **Included Accessories:** (4) M32 Double Membrane Seals for 13-21mm Cables
Cover Retainer
- **Accessories:** See section below

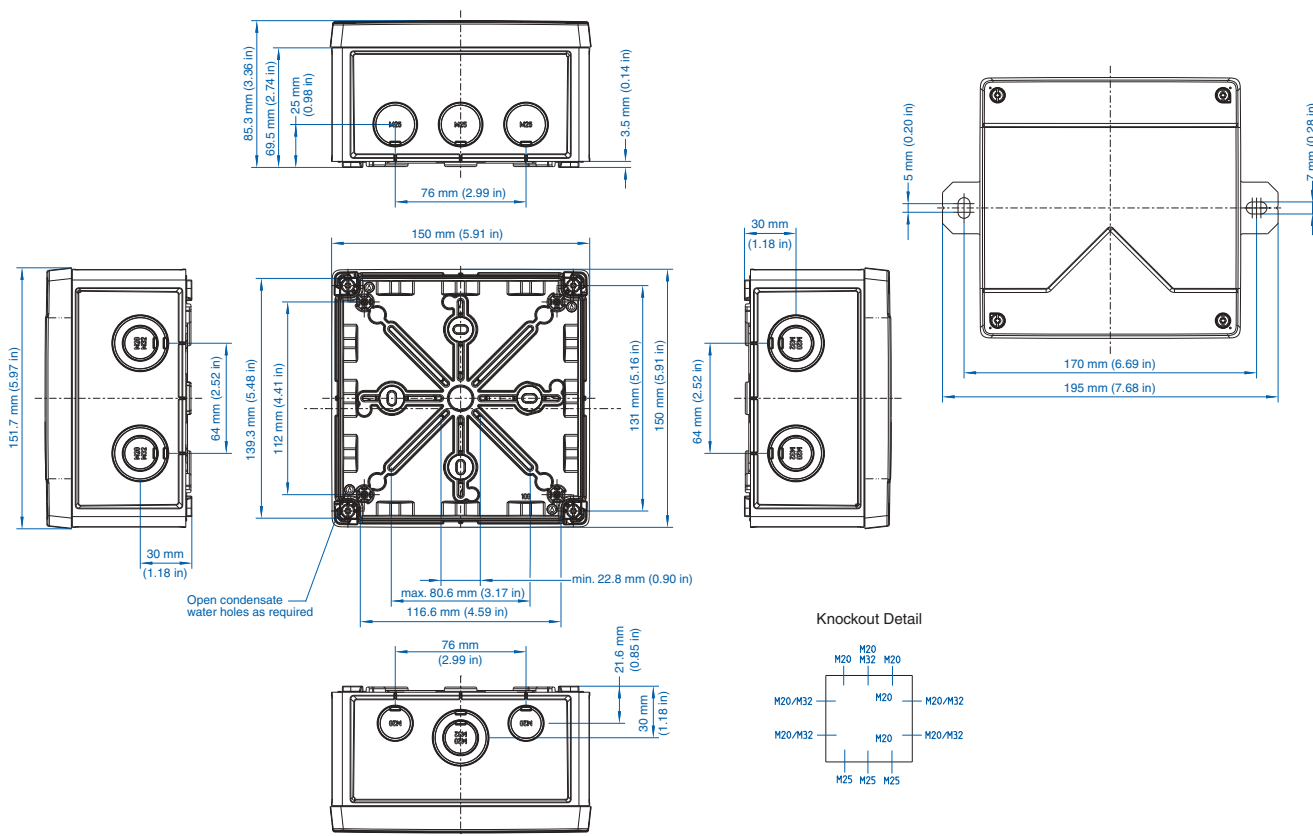


Abox Pro

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in) Width	Height	Std. Pk.
Enclosure with terminals	410-421-01	gray	10 mm ² - 5 pole	152 mm (5.98 in)	152 mm (5.98 in)	85 mm (3.35 in)	2
Enclosure - empty	410-401-01	gray	NA	152 mm (5.98 in)	152 mm (5.98 in)	85 mm (3.35 in)	2

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-110-01	MPI100	1
DIN Rail TS 35 – 35x120 mm	895-310-01	TS35/120	1
Terminal (high-set)	896-410-01	10 mm ² - 5 pole, 57A/690V	5
Pole Mount Kit (60-170mm)	896-020-01	MABF100-1	1



Standard Features

- **Protection Level:** IP66/IP67/IP69
- **Technical:** Knockout Sidewalls (M20/M25/M40/M50)
- **UL Recognized**
- **Enclosure Material:** Polycarbonate
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray or Black
- **Material Operating Temperature Range:** Polycarbonate
-35°C to 80°C (-31°F to 176°F)
- **Included Accessories:** (4) M40 Double Membrane Seals for 17-28mm Cables
Cover Retainer
- **Accessories:** See section below

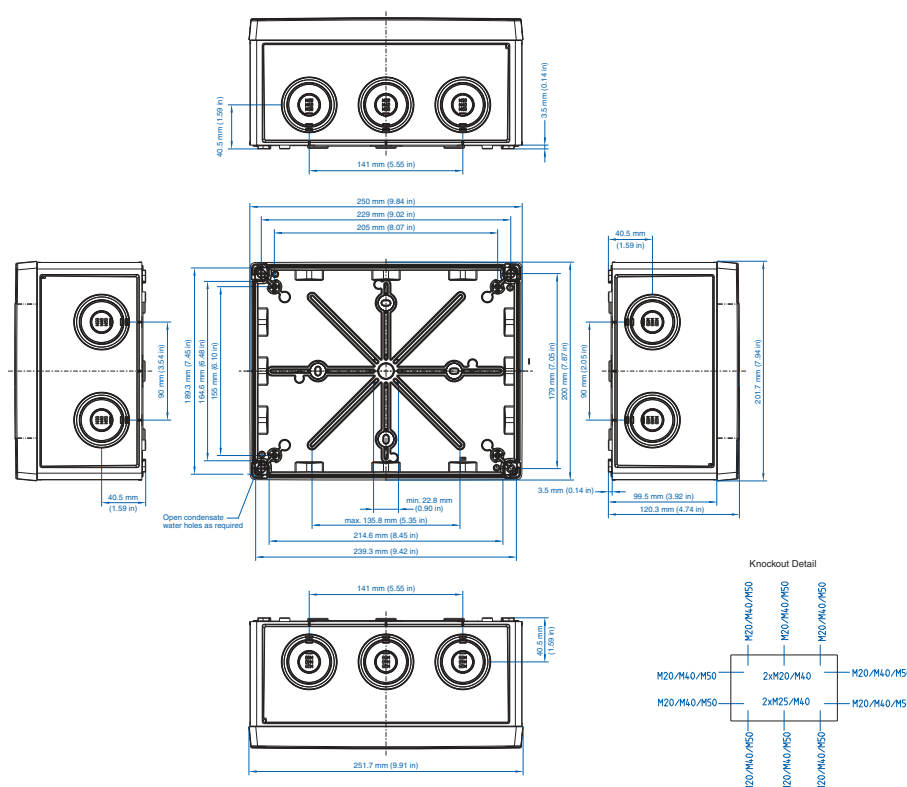


Abox Pro

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in)	Height	Std. Pk.
Enclosure with terminals	425-420-01	gray	35/25 mm ² - 5 pole	252 mm (9.92 in)	202 mm (7.95 in)	120 mm (4.72 in)	1
Enclosure with terminals	425-020-01	black	35/25 mm ² - 5 pole	252 mm (9.92 in)	202 mm (7.95 in)	120 mm (4.72 in)	1
Enclosure - empty	425-400-01	gray	NA	252 mm (9.92 in)	202 mm (7.95 in)	120 mm (4.72 in)	1
Enclosure - empty	425-000-01	black	NA	252 mm (9.92 in)	202 mm (7.95 in)	120 mm (4.72 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-125-01	MPI250	1
DIN Rail TS 35 – 35x202 mm	895-335-01	TS35/202	1
DIN Rail TS 35 – 35x137 mm	895-316-01	TS35/137	1
Terminal (high-set)	896-435-01	35/25 mm ² - 5 pole, 125A/690V	1
Vertical Pole Mount Kit (60-170mm)	896-031-01	MABF150-2	1
Transverse Pole Mount Kit (60-170mm)	896-040-01	MABF215-1	1



Abox Pro 350 – Polycarbonate – 252 x 252 mm (9.92 x 9.92 in.)

Standard Features

- **Protection Level:** IP66/IP67/IP69
- **Technical:** Knockout Sidewalls (M20/M25/M40/M50)
- **UL Recognized**
- **Enclosure Material:** Polycarbonate
- **Gasket Material:** Thermoplastic Elastomer
- **Color:** Light Gray or Black
- **Material Operating Temperature Range:** Polycarbonate
-35°C to 80°C (-31°F to 176°F)
- **Included Accessories:** (4) M40 Double Membrane Seals for 17-28mm Cables
Cover Retainer
- **Accessories:** See section below



Abox Pro

Ordering Information	Cat. No.	Color	Screw Terminal	Length	Dimensions mm (in) Width	Height	Std. Pk.
Enclosure with terminals	435-420-01	gray	35/25 mm ² - 5 pole	252 mm (9.92 in)	252 mm (9.92 in)	120 mm (4.72 in)	1
Enclosure with terminals	435-020-01	black	35/25 mm ² - 5 pole	252 mm (9.92 in)	252 mm (9.92 in)	120 mm (4.72 in)	1
Enclosure - empty	435-400-01	gray	NA	252 mm (9.92 in)	252 mm (9.92 in)	120 mm (4.72 in)	1
Enclosure - empty	435-000-01	black	NA	252 mm (9.92 in)	252 mm (9.92 in)	120 mm (4.72 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	895-135-01	MPI350	1
DIN Rail TS 35 – 35x120 mm	895-335-01	TS35/202	1
Terminal (high-set)	896-435-01	35/25 mm ² - 5 pole, 125A/690V	1
Pole Mount Kit (60-170mm)	896-040-01	MABF215-1	1

