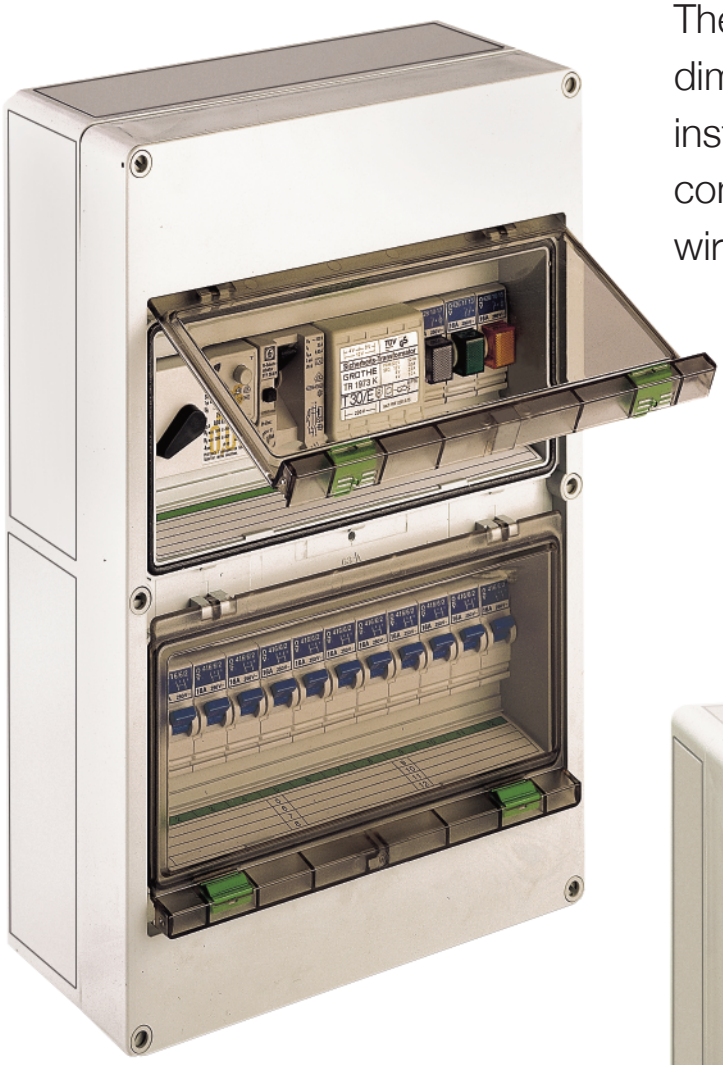
EK Series

Compact EK Series Enclosures are designed to house and protect standard IEC components, such as DIN rail mount circuit breakers, switches, meters and other control devices.

The unique cover design features a shrouded cut out and transparent hinged doors, for quick access and visibility. The shrouded cut out, spanning the width of the cover, exposes mounted components for easy adjustment and isolates wiring for increased safety. The transparent hinged doors have push release latches and can be optionally equipped with a tamper seal.

- UL Listed
- Direct mount
- Small to medium size
- Polycarbonate base and cover
- Integral seals
- Dust and moisture proof
- IP65 protection
- High mechanical strength
- Corrosion and maintenance free
- Halogen free

EK compact design



The EK Series features compact dimensions for space-efficient installation, while offering sufficient connection space for a secure wiring job.

The transparent doors make for an ideal display of timers, LEDs, circuit breakers, and other DIN rail mount devices. Access to components is quick and easy.

EK002 – Polycarbonate – 130 x 94 mm (5.12 x 3.70 in.)

Standard Features

- **Protection Level:** IP65 - Nema Type 4x
- **Technical:** Fits 2 Circuit Breaker Poles (3 if side pieces are removed)
  Smooth Sidewalls
  Tinted Transparent Door
- **Enclosure Material:** Polycarbonate
- **Door Material:** Polycarbonate
- **Gasket Material:** Polyurethane
- **Material Temperature Range:** -40°C to 120°C (-40°F to 248°F)
- **Color:** Light Gray
- **Included Accessories:** 35mm DIN Rail
  Label Strip
- **Accessories:** See section below

E208470

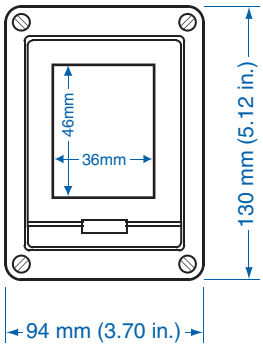
EK

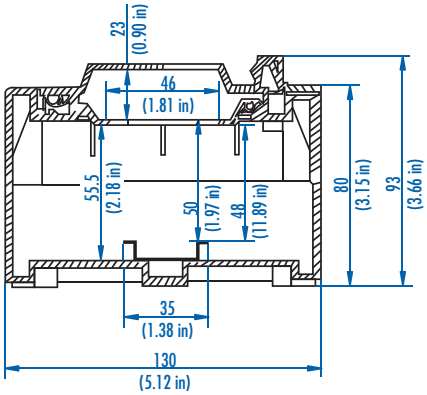
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	542-502	EK002	130 mm (5.12 in)	94 mm (3.70 in)	80 mm (3.15 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Terminal	X-573	PE/N Terminal - 3 pole	1
Filler Strip	799-012	108 mm piece (6 divisions)	1

Please refer to pages 136-140 for additional accessories and detailed information.





EK004 – Polycarbonate – 180 x 110 mm (7.09 x 4.33 in.)

Standard Features

- **Protection Level:** IP65 - Nema Type 4x
- **Technical:** Fits 4 Circuit Breaker Poles
  Smooth Sidewalls
  Tinted Transparent Door
- **Enclosure Material:** Polycarbonate
- **Door Material:** Polycarbonate
- **Gasket Material:** Polyurethane
- **Material Temperature Range:** -40°C to 120°C (-40°F to 248°F)
- **Color:** Light Gray
- **Included Accessories:** 35mm DIN Rail
  Label Strip
- **Accessories:** See section below

E254144

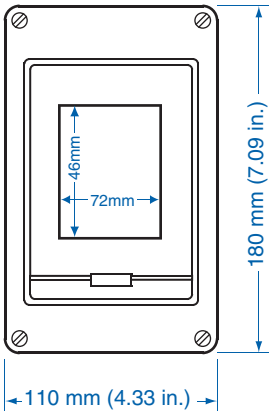
EK

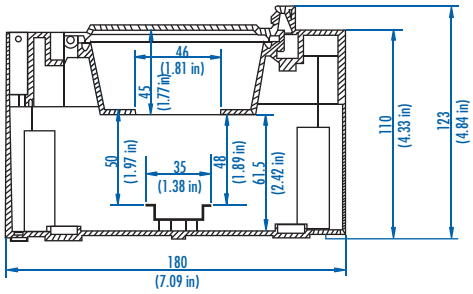
Ordering Information	Cat. No.	Type	Length	Dimensions mm (in) Width	Height	Std. Pk.
Enclosure	542-504	EK004	180 mm (7.09 in)	110 mm (4.33 in)	110 mm (4.33 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Terminal	X-575	PE/N Terminal - 5 pole	1
Filler Strip	799-012	108 mm piece (6 divisions)	1

Please refer to pages 136-140 for additional accessories and detailed information.





EK008 – Polycarbonate – 180 x 182 mm (7.09 x 7.17 in.)

Standard Features

- **Protection Level:** IP65 - Nema Type 4x
- **Technical:** Fits 8 Circuit Breaker Poles
  Smooth Sidewalls
  Tinted Transparent Door
- **Enclosure Material:** Polycarbonate
- **Door Material:** Polycarbonate
- **Gasket Material:** Polyurethane
- **Material Temperature Range:** -40°C to 120°C (-40°F to 248°F)
- **Color:** Light Gray
- **Included Accessories:** 35mm DIN Rail
  Label Strip
- **Accessories:** See section below

E254144

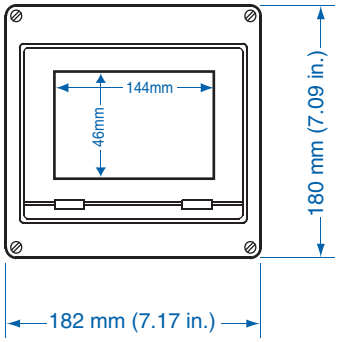
EK

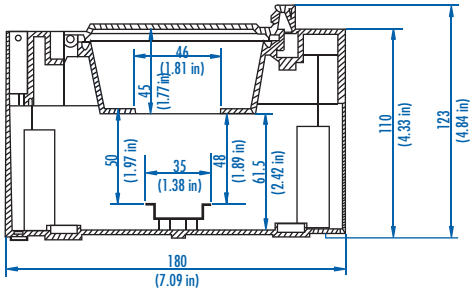
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	542-508	EK008	180 mm (7.09 in)	182 mm (7.17 in)	110 mm (4.33 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Terminal	X-578	PE/N Terminal - 7 pole	1
Filler Strip	799-012	108 mm piece (6 divisions)	1

Please refer to pages 136-140 for additional accessories and detailed information.





EK012 – Polycarbonate – 180 x 254 mm (7.09 x 10.00 in.)

Standard Features

- **Protection Level:** IP65 - Nema Type 4x
- **Technical:** Fits 12 Circuit Breaker Poles
  Smooth Sidewalls
  Tinted Transparent Door
- **Enclosure Material:** Polycarbonate
- **Door Material:** Polycarbonate
- **Gasket Material:** Polyurethane
- **Material Temperature Range:** -40°C to 120°C (-40°F to 248°F)
- **Color:** Light Gray
- **Included Accessories:** 35mm DIN Rail
  Label Strip
- **Accessories:** See section below

E254144

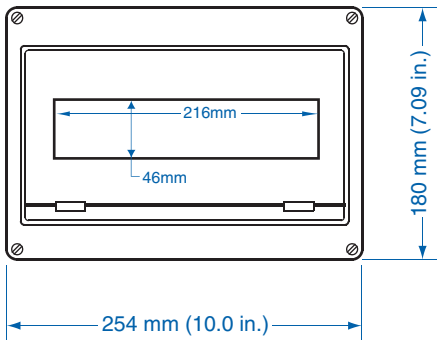
EK

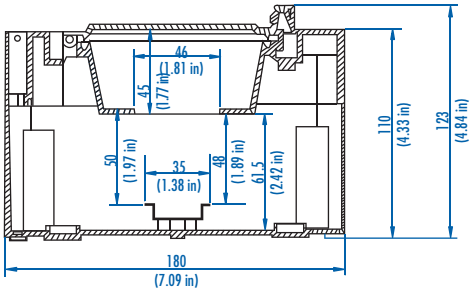
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	542-512	EK012	180 mm (7.09 in)	254 mm (10.00 in)	110 mm (4.33 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Terminal	X-583	PE/N Terminal - 12 pole	1
Filler Strip	799-012	108 mm piece (6 divisions)	1

Please refer to pages 136-140 for additional accessories and detailed information.





EK024 – Polycarbonate – 361 x 254 mm (14.21 x 10.00 in.)

Standard Features

- **Protection Level:** IP65 - Nema Type 4x
- **Technical:** Fits 24 Circuit Breaker Poles (12 per section)
  Smooth Sidewalls
  Tinted Transparent Door
- **Enclosure Material:** Polycarbonate
- **Door Material:** Polycarbonate
- **Gasket Material:** Polyurethane
- **Material Temperature Range:** -40°C to 120°C (-40°F to 248°F)
- **Color:** Light Gray
- **Included Accessories:** 2 ea. 35mm DIN Rail
  2 ea. Label Strips
- **Accessories:** See section below

E254144

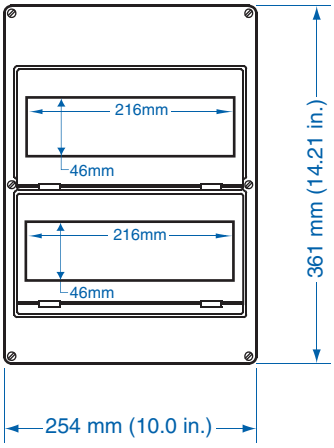
EK

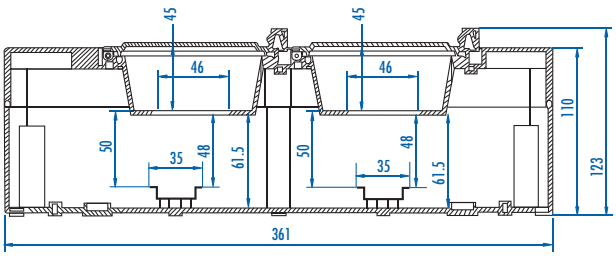
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	542-524	EK024	361 mm (14.21 in)	254 mm (10.00 in)	110 mm (4.33 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Terminal	X-721-02	PE/N Terminal - 17 pole	1
Filler Strip	799-012	108 mm piece (6 divisions)	1

Please refer to pages 136-140 for additional accessories and detailed information.





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