

ESIPHA EK580 – Empty housing details

The EK580 housing builds on the existing features and introduces a few innovations. It is characterised by flexible expansion possibilities and offers a variety of inlet and cable outlet options. But that is not all: The EK580 housing is now also taller to fit perfectly with standard circuit breaker housings. In this way, we set new standards for adaptability and benefit-oriented innovation.

Product features – Housing

- ▲ 6 variants
(3 housing lengths & 2 cover heights)
- ▲ Protection rating: IP54
- ▲ Protection class II
- ▲ Design according to standard: DIN 43628
- ▲ Suitable for pole door openings 300 x 100 mm and 400 x 100 mm
- ▲ Housing bottom with 5 mm grid for flexible positioning of top hat rails



▲ Housing size **S**
for up to 4 horizontal pitches
depending on the overall
height



▲ Housing size **M**
for up to 8 horizontal pitches
depending on the overall height



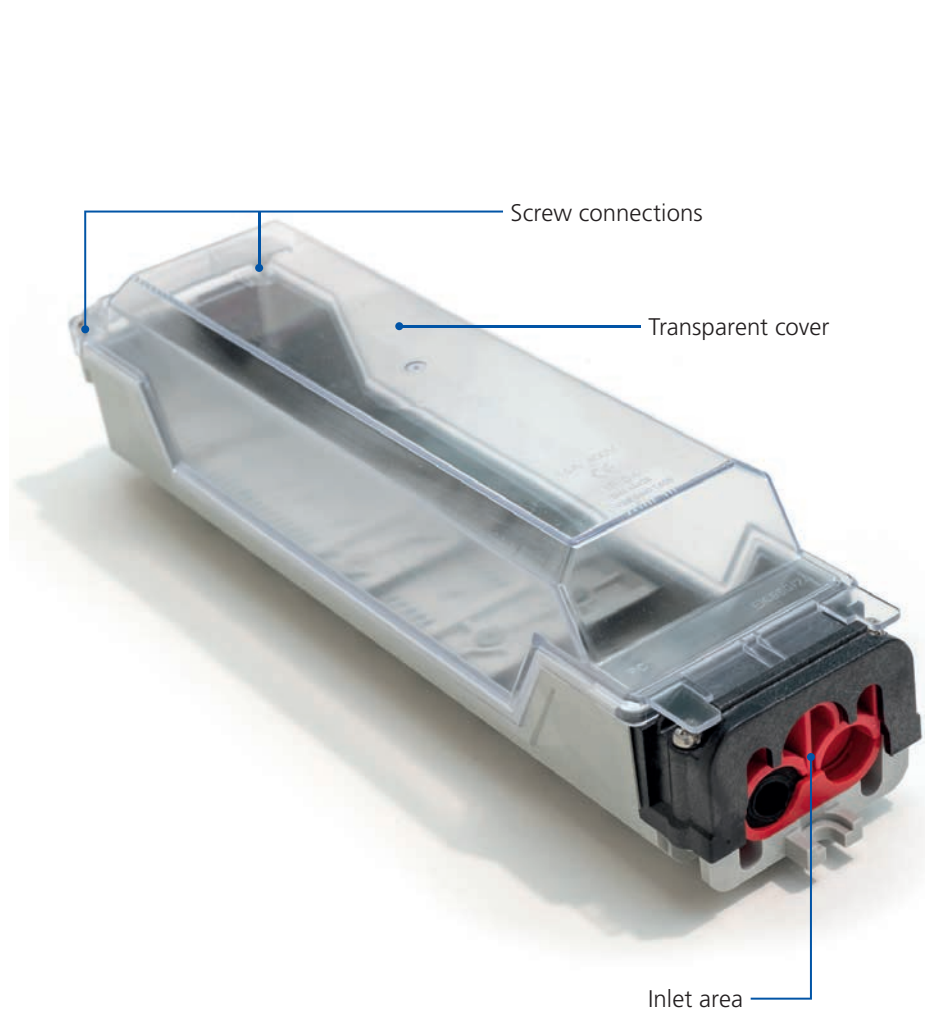
▲ Housing size **L**
for up to 12 horizontal pitches
depending on the overall height

Housing sizes

Size	Length overall	Fastening length	Housing length	Width	Height	Pole inside ø	Horizontal pitches
S	243	232	208	82	77/82	100/106	S = up to 4
M	288	277	253	82	77/82	100/106	M = up to 8
L	368	357	333	82	77/82	100/106	L = up to 12

Housing functions in detail

Our engineers have developed convincing solutions for functions. Many years of experience and intensive communication with our customers ensure that our products are easy to install and flexible in use.



▲ Transverse top hat rail mounting



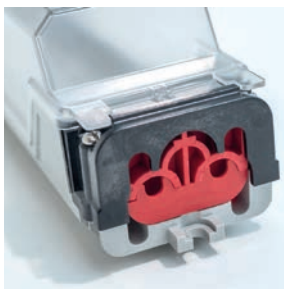
▲ Reinforcements on the back provide additional housing stability with low weight



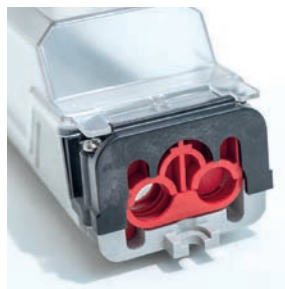
▲ Screw connection for quick opening and secure closure of the cover (can be sealed)

Inlet and outlet flexibility

The flexible installation space also requires flexibility in the inlet and outlet area. With our various solutions, it is possible to feed 1 to 3 cables in and out (protected against dust and splash water).



▲ Our standard strain relief for 1 – 3 cables – cross-section from 7.5 – 19 mm



▲ We also offer 2 to 4 standard openings on the outlet side (with stepped grommets and cable glands) as well as the possibility of making individual openings in the front plate.

