



8146/5

SAP:

273554 8146/5 power dist.panel acc.engineer.

273555 8146/5 control panel acc.engineer.

273557 8146/5 socket panel acc. Engineering

Pos. 0010

Ex - de - Panel

Type 8146/5

Technical data

Portable socket panel

Construction acc. to: acc. IEC/EN 60079-et seq.

Explosion protection gas: Ex II 2 G Ex db eb IIC T4 Gb

ATEX certificate: PTB01 ATEX 1024

Degree of protection: IP66 (IEC/EN 60529)

Ambient temperature: Ta -20°C ... +55°C

Enclosure material: Polyester resin, glass fiber reinforced

Cover fixing: screwed, M6, Cylinder head screws

Finish: without painting

Rated voltage [Un]: 230V 1Ph, N, PE

Rated frequency [Fn]: 50Hz

Rated current [In]: 16A

Rated cond. SC current [Icc]: ≤10kA

Rated diversity factor: 1(RDF)

Control voltage: -

Back-up fuse: max. 20A gG

With Wiring: yes

Marking of the cable ends: no

Dimensions H340,5 x W340,5 x D150mm

Consisting of:

Enclosure:

1 Ex e housing 8146 H340,5xW340,5xD150, incl. mounting plate, Terminal rail,

1 Brass plate 3mm, reinforcement plates, Handle, and Rubber bases

Fittings:

4 M.C.B s 8562 1-pole C16A 10kA

1 Window flap large type

1 Set Labels (PVC laser descr., stuck)

2 Line-up terminals up to 4 sqmm

2 PE-terminals up to 4-PE sqmm

3 Flange sockets 8570 3-pole 16A

Entries:

1 Threaded hole M20, incl. cable gland HSK-K-MZ-Ex M20x1,5 6-12

25M Cable 3G2,5, and Plug 8570 3-pole 16A

NOTES:

- The unit is wired to terminals. The requirement for target wiring must be specified within order submission and have impact on sales price.
- Please enclose the finally binding circuit diagram with your order. Changes in the customer circuit diagram will be revised and marked by hand. To complete the customer circuit diagram is not part of the offer.
- Please state text and arrangement of labels on ordering.
- The unit is designed for operation in vertical mounting. For other mounting methods, the suitability of all built-in components must be checked separately



- We have offered standard, i.e. without marking of wiring. Request for marking of wiring has to be indicated in case of order and will mean an adjustment of prices!
- We have offered standard wiring colour (black). Request for coloured wiring has to be indicated in case of order and will mean an adjustment of prices!
- The quotation does not include any anti-condensation heater or breather/drain valve. The necessity must be verified by the customer's engineering due to high ambient temperature and probably humidity conditions. Any request for that has to be indicated in case of order and will mean an adjustment of prices! Damages caused by moisture cannot be a basis for any claim, complaint or recovery of damages against R.Stahl Schaltgeräte GmbH if there has been no request for a heater or breather/drain valve.
- Standard documentation for approved control panels and distribution boards includes the following:
Mechanical construction drawing (layout drawing), specification, list of labels, operating instructions and declaration of conformity.
- Any deviation from the original quotation must be indicated in case of order. R.STAHL reserves the right of appropriate price adjustment.