

TRIO-BAT/PB/24DC/4AH - Battery module



1394730

<https://www.phoenixcontact.com/gb/products/1394730>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Battery module, VRLA-AGM, 24 V DC, 4 Ah



Product description

The perfect addition to the TRIO UPS modules. Battery modules with lead AGM technology are fully charged before being sent to our warehouse.

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1394730 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | CMUEV3 |
| Product key | CMUEV3 |
| GTIN | 4063151776831 |
| Weight per piece (including packing) | 4,310 g |
| Weight per piece (excluding packing) | 3,778 g |
| Customs tariff number | 85072080 |
| Country of origin | CN |

TRIO-BAT/PB/24DC/4AH - Battery module



1394730

<https://www.phoenixcontact.com/gb/products/1394730>

Technical data

Notes

General

| | |
|---------------------|---|
| Note on the battery | This product contains a battery with a limited shelf life that must be charged every few months. The product packaging indicates when the battery must be started up or recharged. The general shelf life can be found in the technical data area under "Latest startup". |
|---------------------|---|

Energy storage

Input

| | |
|-----------------------|----------------|
| Input voltage | 24 V DC (SELV) |
| Nominal capacity | 4 Ah |
| Charging current | max. 1.2 A |
| End-of-charge voltage | 27.6 V (20 °C) |

Output

| | |
|--------------------------|---|
| Output current | max. 25 A |
| Output fuse | 1x 25 A T 25A 32V, ATOF 287 from Littelfuse |
| Buffer time | 4.5 min. (20 A) 3 min. (25 A) |
| End-of-discharge voltage | 19.2 V |

General

| | |
|--|--|
| Connection in parallel | yes |
| Battery type | BB Battery HR4.2-12FR |
| Battery technology | VRLA-AGM |
| IQ-Technology | no |
| Latest startup date (battery only) | 6 Months (0 °C ... 20 °C) |
| Latest startup (battery only) - range | 3 Months ... 6 Months (20 °C ... 30 °C) 1 Months ... 3 Months (30 °C ... 40 °C) |
| Accumulator module service life (according to Eurobat) | 6 (20 °C) |
| Size designation | Block |
| Temperature sensor | no |

Product properties

| | |
|----------------|----------------|
| Product type | Battery module |
| Product family | Battery module |

Insulation characteristics

| | |
|---------------------|-----|
| Protection class | III |
| Degree of pollution | 2 |

TRIO-BAT/PB/24DC/4AH - Battery module



1394730

<https://www.phoenixcontact.com/gb/products/1394730>

Dimensions

Item dimensions

| | |
|--------|--------|
| Width | 115 mm |
| Height | 154 mm |
| Depth | 113 mm |

Drill hole

| | |
|----------|------|
| Diameter | 5 mm |
|----------|------|

Installation dimensions

| | |
|----------------------------------|-------------|
| Installation distance right/left | 0 mm / 0 mm |
| Installation distance top/bottom | 5 mm / 5 mm |

Cable/line

Battery connecting cable:

| | |
|---------------------|-------------------|
| Cable cross section | 4 mm ² |
| AWG/kcmil | 12 |
| Cable length | 2000 mm |
| Color | red |

Battery connecting cable:

| | |
|---------------------|-------------------|
| Cable cross section | 4 mm ² |
| AWG/kcmil | 12 |
| Cable length | 2000 mm |
| Color | black |

Environmental and real-life conditions

Ambient conditions

| | |
|--|------------------|
| Degree of protection | IP20 |
| Ambient temperature (storage/transport) | -20 °C ... 40 °C |
| Ambient temperature (charge) | 0 °C ... 40 °C |
| Ambient temperature (discharge) | -20 °C ... 50 °C |
| Max. permissible relative humidity (operation) | ≤ 95 % |

Ex data

| | |
|----------------------------|----|
| Suited for EX-applications | No |
|----------------------------|----|

TRIO-BAT/PB/24DC/4AH - Battery module



1394730

<https://www.phoenixcontact.com/gb/products/1394730>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1394730>



IECEE CB Scheme
Approval ID: DK-139600-UL



cULus Listed
Approval ID: E123528

DNV

Approval ID: TAA00002EW



cULus Listed
Approval ID: E199827-20230421

TRIO-BAT/PB/24DC/4AH - Battery module



1394730

<https://www.phoenixcontact.com/gb/products/1394730>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27050403 |
| ECLASS-13.0 | 27050403 |

TRIO-BAT/PB/24DC/4AH - Battery module



1394730

<https://www.phoenixcontact.com/gb/products/1394730>

Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-8 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|----------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
|-------------------------------------|----------------------|

TRIO-BAT/PB/24DC/4AH - Battery module



1394730

<https://www.phoenixcontact.com/gb/products/1394730>

Accessories

FUSE 25A/32V ATOF - Fuse

2908366

<https://www.phoenixcontact.com/gb/products/2908366>

Fuse, nominal current: 25 A, length: 19.1 mm, width: 5 mm, height: 18.8 mm



UPS-BAT-KIT/PB/2X12V/4AH - Uninterruptible power supply replacement battery

1283116

<https://www.phoenixcontact.com/gb/products/1283116>

Replacement battery, VRLA-AGM, 2x12 V DC, 4 Ah. Only for 1274117 UPS-BAT/PB/24DC/4AH, 2320267 QUINT-UPS/24DC/24DC/10/3.4AH from V/C 06, 2905908 TRIO-UPS-2G/1AC/1AC/120V/750VA, and 2905909 TRIO-UPS-2G/1AC/1AC/230V/750VA



Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd

Halesfield 13, Telford

Shropshire, TF7 4PG

01952 681700

info@phoenixcontact.co.uk