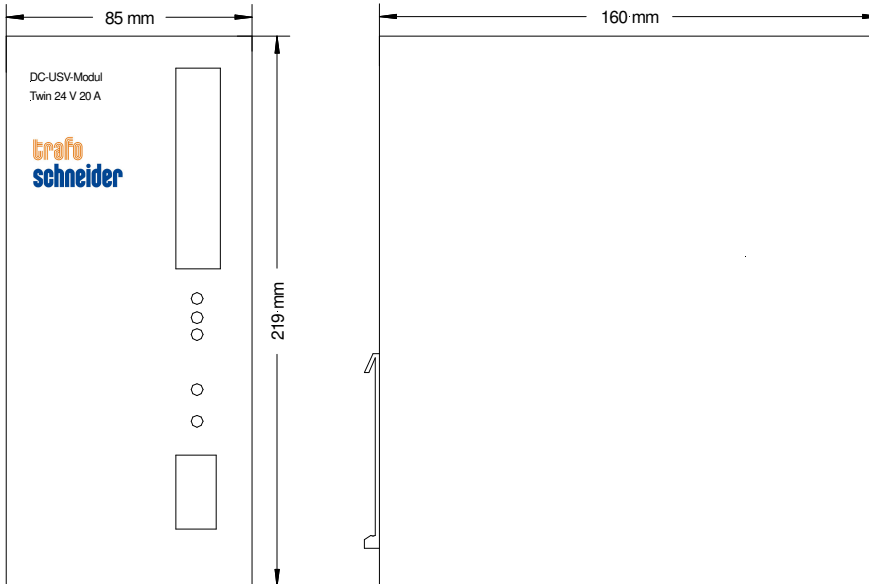


DC-USV COMPETENT- COSMO

10.3 DC-USV module TWIN 24 V / 20 A - 480 W

In conjunction with COMPETENT-COSMO switch-mode power supply



- Reliability corresponding to VDE 0805/ EN 60950/ IEC 950
- Fitted with noise suppression corresponding to EN 55011/ EN 55022 Class B
- Fault-free operation corresponding to EN 50082-1/ -2
- Width of case only 85 mm
- Vertical configuration on cap rails
- Weight ca. 2.5 kg
- Screw-type terminals 6.0 mm²
- ta 50°C (ideal for battery 25°C)
- Type protection IP 20

Technical data

Input

| | |
|--|---|
| Nominal voltage | 24 VDC |
| Input voltage range | 22.5 – 30.0 VDC |
| Battery charge current | 0.7 – 2.0 A |
| System release / switch off | dry contact or 24 V control voltage |
| Switching threshold for UPS-operation adjustable | 22.2 – 23.4 V |
| Power failure bridging time | Load control / contingent on load and battery |

Output

| | |
|-----------------------------|------------------------------------|
| Nominal output current | 24 V ± 1 % |
| Output voltage | 27.0 – 19.5 VDC |
| On battery power | |
| Direct current output | 0 – 20 A |
| Power failure bridging time | contingent on external accumulator |
| Warning contact for battery | yes |
| Partial discharge | |
| Deep discharge protection | at 19.5 V |
| Power fail signal | isolated (relay contact) |
| Battery pack external | additional necessary |

Signalling

| | |
|--|--|
| Operation display (LED) green | = Input voltage ok. |
| Operation display (LED) red | = Advance warning (at < 22 VDC battery voltage). |
| Operation display (LED) red and directional contact | = Battery damaged system not ready. |
| Operation display (LED) yellow and relay change-over contact | = Power fail signal. |