

QUINT 10 Ampere

| | (IEC) | rigid | flexible | |
|--------|--------------------|---------|----------|-------|
| | [mm ²] | solid | stranded | AWG |
| Input | | 0.2-2.5 | 0.2-2.5 | 24-14 |
| Output | | 0.2-4 | 0.2-4 | 24-10 |

| Description | Type | Order No. | Pcs. Pkt. |
|---|---------------------------------|-------------------|-----------|
| Power supply, primary switched-mode | QUINT-PS-120AC/12DC/10/F | 29 38 16 7 | 1 |
| | QUINT-PS-230AC/12DC/10/F | 29 38 15 4 | 1 |
| | QUINT-PS-120AC/24DC/10 | 29 39 07 2 | 1 |
| | QUINT-PS-120AC/24DC/10/F | 29 39 27 6 | 1 |
| | QUINT-PS-230AC/24DC/10 | 29 39 17 9 | 1 |
| | QUINT-PS-230AC/24DC/10/F | 29 39 37 3 | 1 |

| Technical data | QUINT-PS-120AC/...DC/... | | QUINT-PS-230 AC/...DC/... | |
|----------------|--------------------------|---------|---------------------------|---------|
| | ...10 | ...10/F | ...10 | ...10/F |

Input data

| | | | | |
|---------------------------------|------------------------------------|-----------------|-----------------|-----------------|
| Input voltage | 120 V AC | 120 V AC | 230 V AC | 230 V AC |
| Input voltage range | 90-132 V AC | 98-132 V AC | 187-264 V AC | 196-264 V AC |
| Frequency | 47-63 Hz | 47-63 Hz | 47-63 Hz | 47-63 Hz |
| Current consumption | at 12 V output voltage – | approx. 1.8 A | – | approx. 0.9 A |
| | at 24 V output voltage approx. 3 A | approx. 3 A | approx. 1.6 A | approx. 1.6 A |
| Inrush surge current at 25 °C | < 24 A | < 24 A | < 24 A | < 24 A |
| Power failure bypass | > 20 ms | > 20 ms | > 20 ms | > 20 ms |
| Input fuse, internally soldered | 6.3 AT | 6.3 AT | 6.3 AT | 6.3 AT |

Output data

| | | |
|--|--|-------------------------------------|
| Nominal output voltage U _N | 12 V DC ± 1 % | 24 V DC ± 1 % |
| Setting range | 11.5-18 V DC (constant) | 22.5-28.5 V DC (> 24 V constant) |
| Nominal output current I _N | 10 A | |
| Connection in parallel | yes, for assembling redundant systems and increasing efficiency | |
| Residual ripple / peak switching voltages (1.2 MHz bandwidth) | 150 mV _{PP} / 100 mV _{PP} | |
| Max. power dissipation: load | idling/nominal | approx. 5 W/approx. 53 W |
| Efficiency | > 84 % | > 82 % > 84 % > 82 % |

Dimensions

Dimensions

W x H x D [mm]

Weight