

**TÁPEGYSÉG 3 FÁZIS, 24VDC
DIMENSION Q SZÉRIA**

24-28 V DC, 20 A

QT20.241-C1
PSU 3PH 380-480V ac I/P 24V dc 20A 480W O/P Conf.
Coated

- Kimeneti áramerősség 20 A
- 95%-os hatásfok
- 65 mm Széles
- 50% bónusz teljesítmény
- Maximális teljesítmény

**TERMÉKLEÍRÁS****MŰSZAKI ADATOK**

| | |
|---|--|
| Active Transient | Igen |
| Clamp type | Spring-clamp |
| Conformal coated | Igen |
| DC relay output | Igen |
| Efficiency At 400 V AC, full load. Typical | 95 % |
| Efficiency At 400 V AC. Typical | 94,2 % |
| Fázisok száma | 3 |
| Hold-up time at 400 V AC, full load. Typical. | 22 ms |
| Input voltage AC | 380-480 V |
| Input voltage ac max | 552 V AC |
| Input voltage ac min | 323 V AC |
| Input voltage range | Wide-range |
| Inrush current at 400 V ac typical | 3 A |
| IP-osztály | IP20 |
| Jóváhagyások | CB, CE, CSA US, cRUus, cULus, EN 50155, GL |
| Lifetime at 400 V ac, full load and +40 ° C | 105000 h |

| | |
|--|-------------|
| Magasság | 124 mm |
| Mélység | 127 mm |
| MTBF (IEC 61709) 400 V ac, max loan, +40 °C | 690000 h |
| Output Current | 20 A |
| Output voltage | 24 V DC |
| Output voltage max | 28 V DC |
| Output voltage min | 24 V DC |
| Power consumption at 400 V ac | 0,79 A |
| Power Factor at 400 V AC, full load. Typical | 0,94 |
| Power Reduction Of 60 To 70 ° C | 12 W/°C |
| Ripple. max | 100 mV pp |
| Series | Dimension Q |
| Supply Frequency | 50-60 ±6 % |
| Szélesség | 65 mm |
| Teljesítmény | 480 W |
| Temperature Range Without Derating From | -25 °C |
| Temperature Range Without Derating To | 60 °C |
| Type Power Supply | AC-DC |
| Tömeg | 0,87 kg |
| Védőanyag | Alumínium |

Fig. 6-1 Output voltage vs. output current, typ.

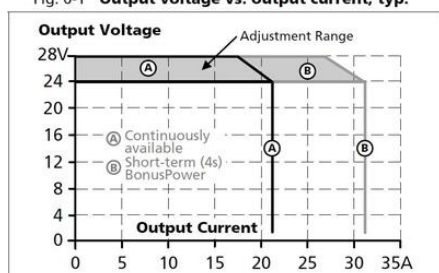


Fig. 15-1 Output current vs. ambient temp.

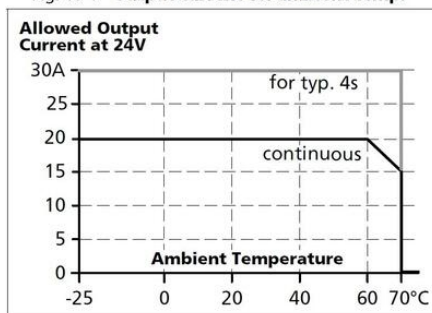


Fig. 6-2 Bonus time vs. output power

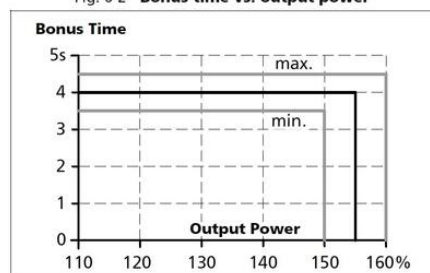


Fig. 9-1 Efficiency vs. output current at 24V, typ.

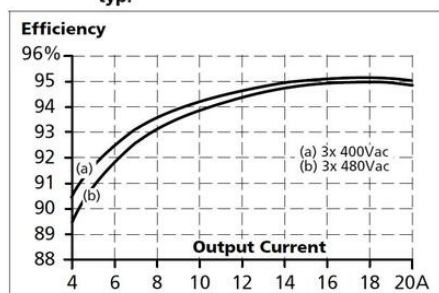
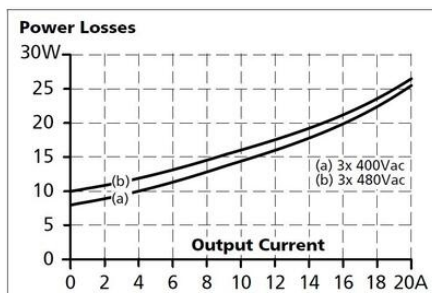


Fig. 9-2 Losses vs. output current at 24V, typ.



Maximal wire length¹⁾ for a fast (magnetic) tripping:

| | 0.75mm ² | 1.0mm ² | 1.5mm ² | 2.5mm ² |
|-------|---------------------|--------------------|--------------------|--------------------|
| C-2A | 29m | 39m | 56m | 86m |
| C-3A | 26m | 34m | 49m | 76m |
| C-4A | 16m | 21m | 29m | 46m |
| C-6A | 3m | 5m | 7m | 8m |
| C-8A | 1m | 2m | 2m | 3m |
| C-10A | 1m | 1m | 1m | 1m |
| B-6A | 18m | 23m | 31m | 54m |
| B-10A | 4m | 6m | 7m | 13m |
| B-13A | 3m | 5m | 6m | 11m |
| B-16A | 1m | 1m | 1m | 2m |

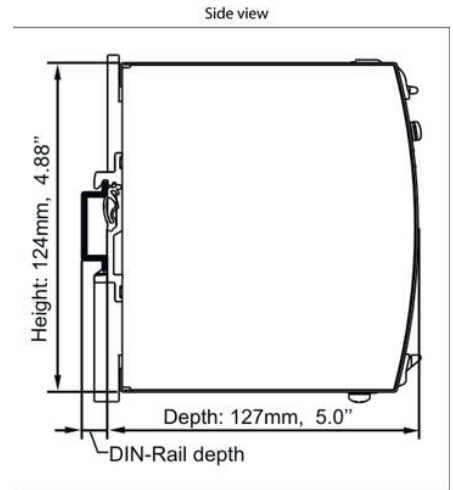
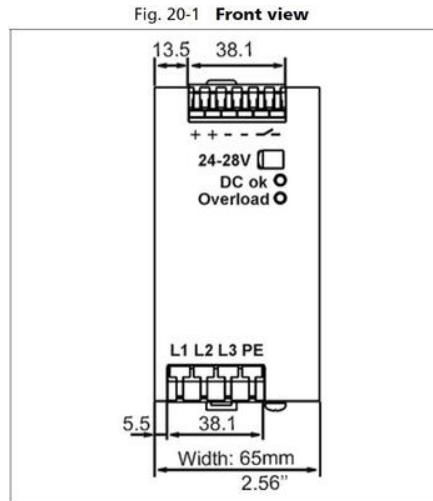
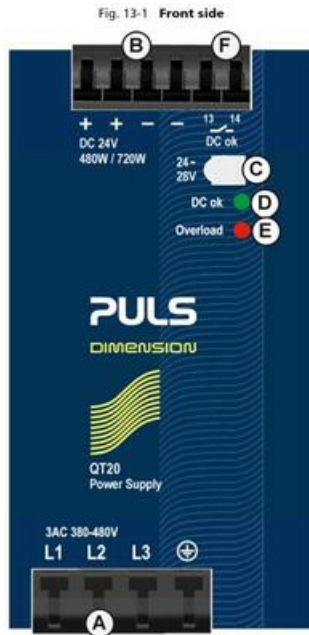


Fig. 6-1 Output voltage vs. output current, typ.

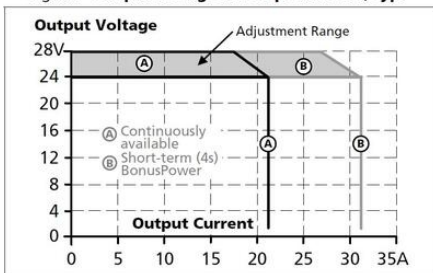


Fig. 15-1 Output current vs. ambient temp.

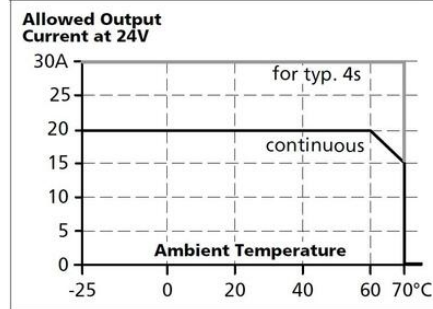


Fig. 6-2 Bonus time vs. output power

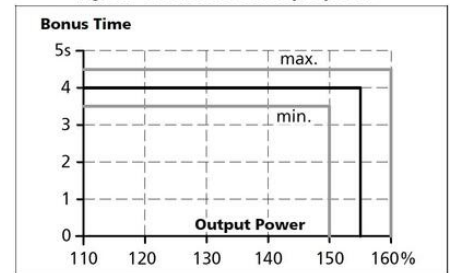


Fig. 9-1 Efficiency vs. output current at 24V, typ.

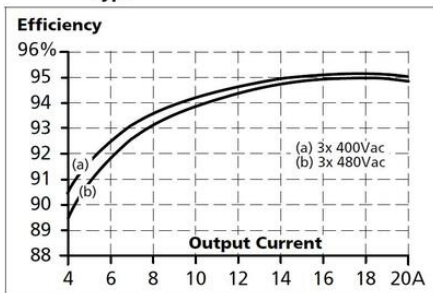
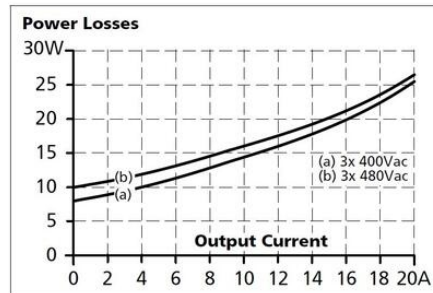


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Fig. 13-1 Front side

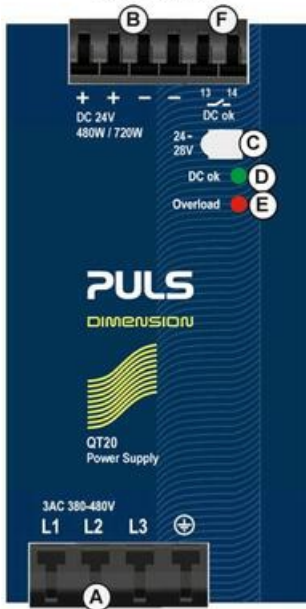
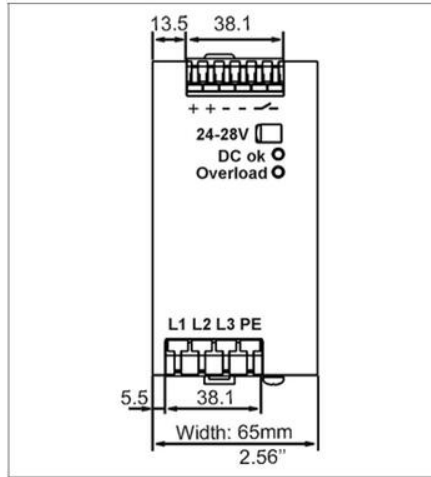


Fig. 20-1 Front view



Side view

