



QT40.361
Strømforsyning 380-480V AC 36V DC 40A



PRODUKTBESKRIVELSE

SPECIFIKATIONER

Indgangsspænding AC	380-480 V
Indgangsspænding AC min	323 V AC
Indgangsspænding AC max	576 V AC
Startstrøm ved 400 V AC. typisk	5 A
Spændingsområde på forsyningen	Wide-range
Effektfaktor ved 400 V AC, fuld belastning. typisk	0,88
Antal faser	3
Udgangsspænding DC	36 V DC
Udgangsspænding min	36 V DC
Udgangsspænding max	42 V DC
Udgangsstrøm	26,7 A
Effekt	960 W
Efficiency At 400 V AC. Typical	94,7 %
Virkningsgrad ved 400 V AC, fuld belastning. typisk	95,3 %
Lifetime at 400 V ac, full load and +40 ° C	71000 h

MTBF (IEC 61709) 400 V ac, max loan, +40 °C	375000 h
Bredde	110 mm
Højde	124 mm
Dybde	127 mm
Vægt	1,5 kg
Godkendelser	CB, CE, CSA, UL
Holdetid ved 400 V AC, fuld belastning. Typisk	25 ms
IP-klasse	IP20
Type klemme	Fjederklemme
Materiale kapsling	Aluminium
Netfrekvens	50-60 ±6 %
Rippel, max	130 mV pp
Serie	Dimension Q
Strømforbrug ved 400V AC	1,65 A
Reduktion strøm over +60 til +70 ° C	24 W/°C
Temperaturområde uden reduktion fra	-25 °C
Temperaturområde uden reduktion til	60 °C
Aktivt transientfilter	Ja
DC-OK relæudgang	Ja

Fig. 6-1 Output voltage vs. output current in "single use" mode, typ.

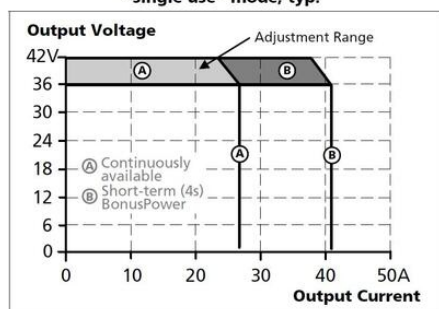


Fig. 6-4 Dynamic overcurrent capability, typ.

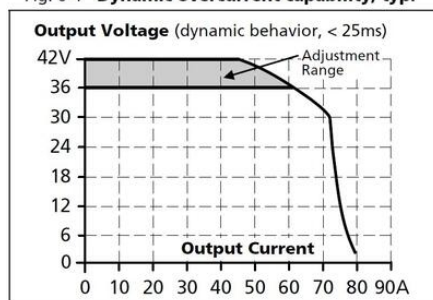


Fig. 17-1 Output current vs. ambient temp.

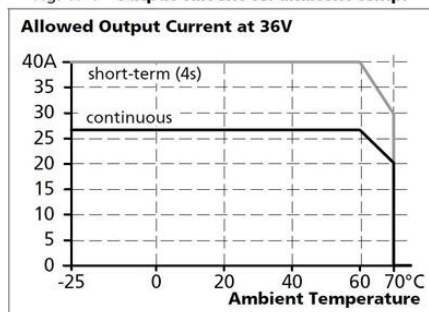


Fig. 6-3 Bonus time vs. output power

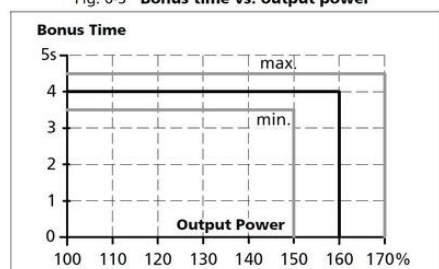


Fig. 11-1 Efficiency vs. output current at 36V, typ.

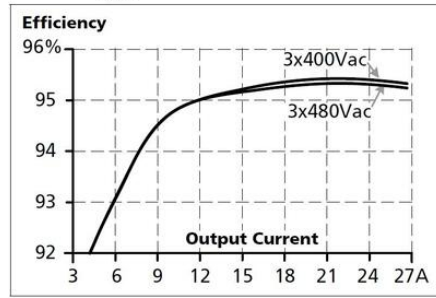
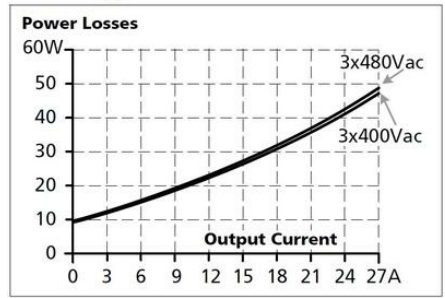


Fig. 11-2 Losses vs. output current at 36V, typ.



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

	0.75mm ²	1.0mm ²	1.5mm ²	2.5mm ²
C-2A	51m	63m	101m	143m
C-3A	43m	57m	84m	129m
C-4A	34m	44m	64m	103m
C-6A	15m	21m	32m	49m
C-8A	8m	11m	14m	25m
C-10A	5m	7m	9m	17m
C-13A	2m	3m	4m	8m
B-6A	33m	43m	56m	102m
B-10A	18m	24m	37m	55m
B-13A	9m	19m	30m	47m
B-16A	4m	6m	9m	14m

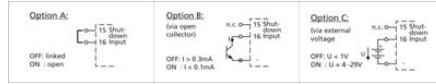


Fig. 15-1 Front side

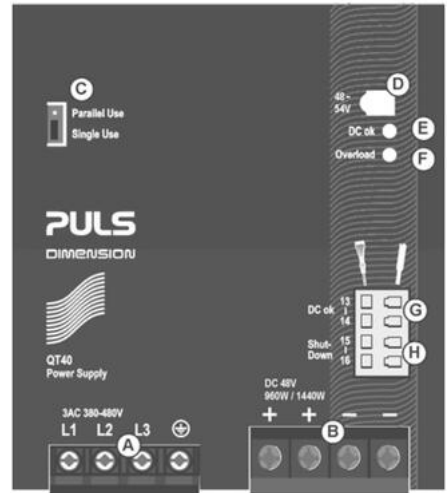


Fig. 22-1 Front view

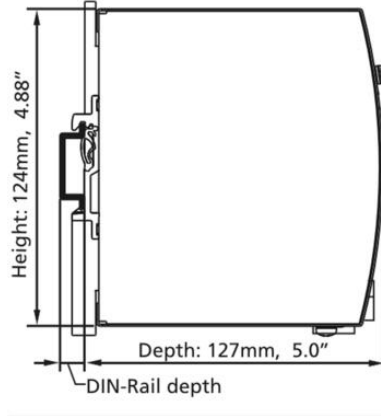
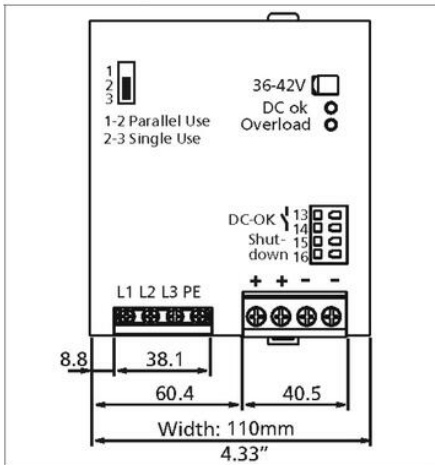


Fig. 6-1 Output voltage vs. output current in "single use" mode, typ.

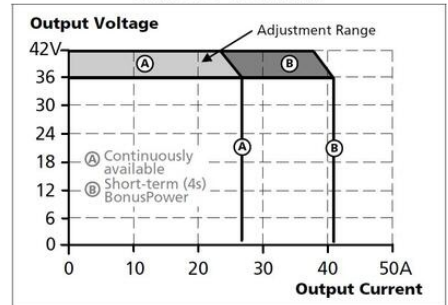


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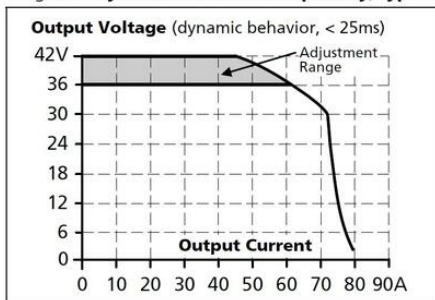


Fig. 17-1 Output current vs. ambient temp.

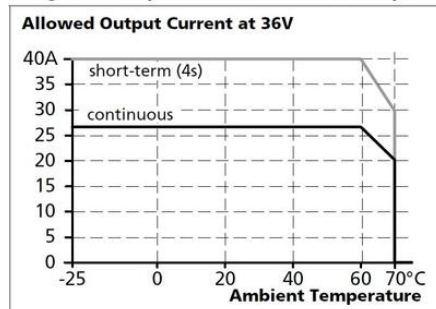


Fig. 6-3 Bonus time vs. output power

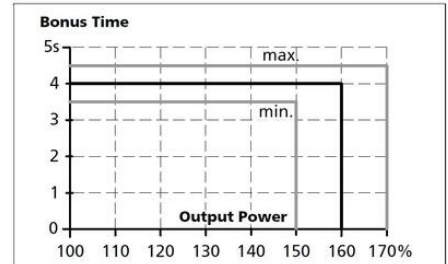


Fig. 11-1 Efficiency vs. output current at 36V, typ.

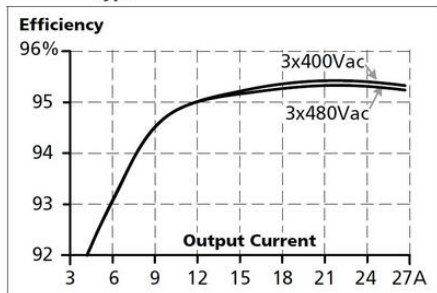
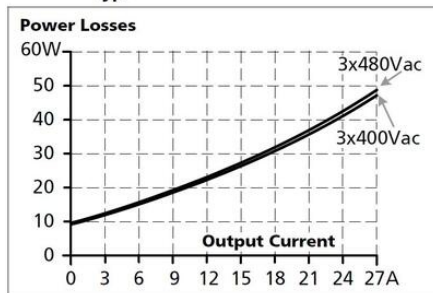


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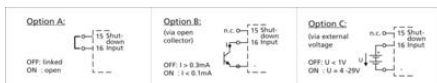


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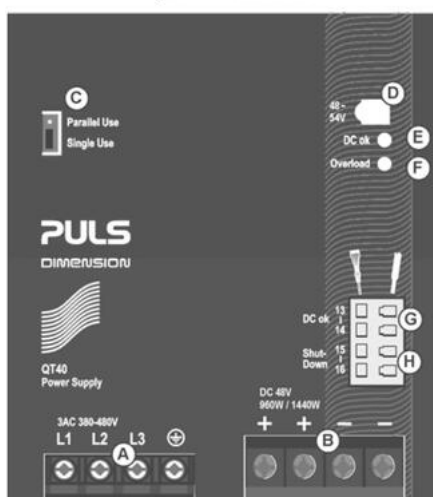


Fig. 22-1 Front view

