Single-phase, non-stabilized DC power supply

DCT 24-0,5



Picture shows DCT 24-2,5

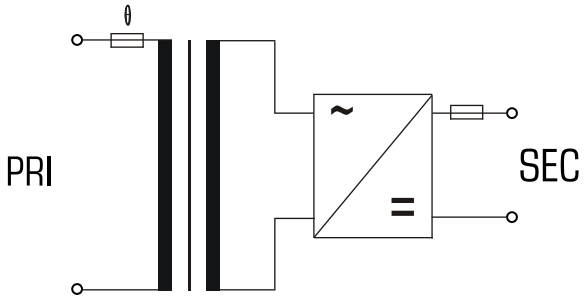
Advantages

- Thermal fuse in the input and a fuse protection for the output
- Separate windings
- Capacitor switching at the output
- Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
- Robust plastic enclosure for rail mounting, e.g. in consumer units or meter mounting boards

Applications

Robust DC power supply is concentrated on the core task of voltage and power supply. Flat step profile optimized for installation in control panels in building automation.

Sample application



Standards

Non-stabilised dc power supply / Safety isolating transformer
to VDE 0570 part 2-6, EN 61558-2-6, IEC 61558-2-6

Approvals



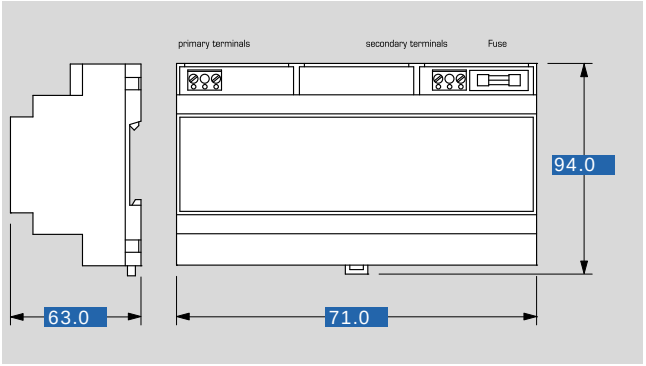
Single-phase, non-stabilized DC power supply
DCT 24-0,5

Electrical data

Type	DCT 24-0,5
Input	
Input rated voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Output rated voltage	24 Vdc
Power	12.00 W
Output rated current	0.50 A
Ripple factor	≤5 %
Environment	
Type of cooling	self-cooling
Ambient temperature max.	+25 °C
Safety and protection	
Insulation class	B
Protection index	IP 00
Safety class (prepared)	II
Type	Resin encapsulated transformer
Short circuit strength	short-circuit proof
Order numbers	
Order Number	**DCT 24-0,5**

Mechanical data

Type	DCT 24-0,5
Terminal and mounting	
Fixing method	DIN Rail system TS35
Terminals	Screw-type terminals
Measures and weights	
Weight	0.52 kg



Subject to change.