

Low profile transformer for three-phase voltage power units FL 42/14014/9



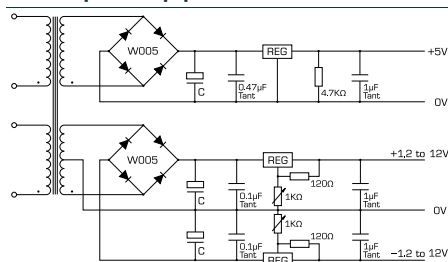
Advantages

Minimum size at high output
Low height
Double input voltage for series or parallel connection
Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDensiFill resin encapsulation
Coil shell in 2-chamber technology
Self-extinguishing potting material

Applications

Safety isolating transformer specially trimmed for building a DC supply.

Sample application



Standards



Safety isolating transformer
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6,
UL 5085-1/-2, CSA 22.2 No.66

Approvals



ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



Low profile transformer for three-phase voltage power units FL 42/14014/9

Electrical data

Type	FL 42/14014/9
Input	
Rated input Voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
Output	
Rated Output voltage I	9 Vac
Rated Output voltage II	14.0-0-14.0 Vac
Rated Power	37.30 VA
Rated output current I	1.50 A
Rated output current II	0.85 A
Smoothing Cap. C SEC I	4700 µF
Smoothing Cap. C SEC II	2 x 1000 µF
No-load voltage (app. x factor)	1.24
No-load loss (typ.)	3.80 W
Regulator Reference SEC I	7805
Regulator Reference SEC II	317L,337LZ
Efficiency	78 %
Standards	
Classification	Safety isolating transformer
Approvals	
Approvals	cURus, ENEC 10 (VDE)
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Type	encapsulated
Class of Insulation System	VDE=E, UL=class 105
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	non-short-circuit proof
Order numbers	
Order Number	FL 42/14014/9

Mechanical data

Type	FL 42/14014/9
Terminal and mounting	
Terminals	Pins for printed circuit boards
Measures and weights	
Weight	0.72 kg

