

K+K SWP

**Power Supply for FX80/FXE/FXC Phase Meter
Boards**

Manual

Issue: Nov. 2006, Version 06-11-04

K+K Messtechnik GmbH, St.-Wendel-Str. 12, D-38116 Braunschweig
Tel: +49(0)531/501436, Fax: +49(0)531/2503740, e-mail: kplusk@t-online.de

Description

The K+K SWP power supply board is well suited to supply up to four FX80, FXE or FXC multichannel phase meter boards with the required +9V DC and +15V DC.

Optionally, +5V DC and +12V outputs can be added for customer specific purposes.

The board is designed as a Eurocard with a DIN41612 H15 backpanel connector for easy integration into 19" frames.

It utilizes two adjustable switched mode modules to deliver the primary voltages of +9V and +15V. From those, optional linear regulators (TO-220 housing) may deliver up to two additional output voltages of e.g. 5V, 6V, 8V or 12V.

The board meets all the relevant regulations regarding safety and electrical interference issued by the European Union.

Technical data

Mechanical: Euro board (100*160mm²) with DIN41612 H15 back panel connector
Solder side plastic cover
Optional front panel, with or without handle; 3HE / 10TE

Input: 100...240V~, 1A, 47...63 Hz

Outputs: XP power supply module ACS20US09 (20W, 9V):
+9V ± 5% adjustable, 2.45A

XP power supply module ACS15US15 (15W, 15V):
+15V ± 5% adjustable, 1.0A

additional voltages may be regulated off the +9V and/or +15V lines.

XP data sheets available upon request or at www.xpplc.com

H15 Pinout:	z4, z8, z12, z16	GND DC
	d6	+5V (Option)
	d10	+9V, 2.45A
	d14	+12V (Option)
	d18	+15V, 1A
	z20, d22	n.c.
	z24, d30	Line
	d26, z28	Neutral
	z32 (adv.contact)	Earth