

HV10KX2

Low-to-Medium Power DC High-Voltage Power Supply

Main Parameters

▪ Output voltage	0 – 10 kV
▪ Input power voltage	24 V DC / 6 A
▪ No-load current consumption	120 mA @ 0 V / 400 mA @ 10 kV
▪ Overcurrent protection	7 mA
▪ Control voltage	0 – 10 V
▪ Adjusting potentiometer resistance	20 kΩ
▪ HV on/off control voltage	24 V DC
▪ HV output status	Open collector (40 V, 300 mA)
▪ Output voltage monitor	1 V / 1 kV
▪ Output current monitor	1 V / 1 mA
▪ Monitor signal accuracy	1 %
▪ Indication	2× LED



HV10KX2 is a low-to-medium power DC high-voltage power supply designed for internal mounting applications. It provides a stabilized output voltage over a wide range, controlled by an analog DC control signal. The device features an output current limit (threshold). The high-voltage output is terminated with a free cable end, 200 cm in length.



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