

Product data sheet

HDKUS5012

Characteristics

Switch mode power supply, HDKUS, 50 W, 12 V



Main

Range of product	HDK
Product or component type	Power supply

Complementary

Rated power in W	50 W
Main Input Voltage	100...264 V AC single phase
Network frequency	47...63 Hz
Output voltage	12 V DC
Output voltage tolerance	= 1 %
Line and load regulation	= 1 %
Residual ripple	= 1 mV
Output protection type	Against overvoltage, protection technology: tripping if $U > 1.5 \times U_n$
Connections - terminals	For input connection: screw terminals
Operating position	Any position

Environment

Standards	UL 60950-1 EN 60950-1 EN 60335-1 EN 61558-1 EN 61558-2-16
Product certifications	CE
Operating altitude	2000 m
Ambient air temperature for operation	-10...60 °C (with derating factor)
Ambient air temperature for storage	-30...70 °C
Relative humidity	20...90 %
Dielectric strength	4000 V between input and output

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1