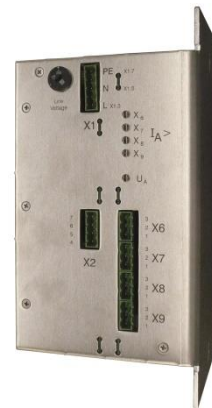


8899 2BE

AC/AC Converter

Single output, galvanic isolated, 100kHz Square wave

- ✓ Input voltage: 115V/60Hz, 230/240V/ 50/60Hz
- ✓ Power output up to: 300W/115V, 350W/230/240V
- ✓ AC/AC converter for wall mounting
- ✓ Voltage regulated
- ✓ Convection cooling
- ✓ 4-channel AC output, individually monitored
- ✓ Robust housing
- ✓ Vibration proof



Input	
Input voltage	1AC 115V/60Hz, 1AC 230/240V 50/60Hz
Inrush current limitation	NTC
Maximum activation delay (including turn-up)	>1s, soft start
Overcurrent protection	Fuse
Overvoltage protection	Varistor
Output	
Output voltage	Peak voltage 55V/100kHz, Symmetrical square wave
Output current	1.5 A average current per output, 6.5 A peak current per output
Efficiency	>80%
Control data	
Line regulation	±3%
Frequency	100kHz/±5%
Operating Parameter	
Operating temperature range	0 – 55°C
Colling	Convection cooling
Operating and control	
Voltage selector switch	115/230V
Power indicator	LED green: output voltage available, 4 x LED red: Over current protection activation
Electric connectors	
Input, output, signals	X1 5pol MSTBA, X6, X7, X8, X9 3pol MSTBA, X2 4pol MSTBA
Protection	
Overload protection	Switch off all outputs at I >10A on each individual output Reset by cycling input power
Thermal protection	Switch off with auto recovery
Signal relay	Voltage input low, output voltage present

Safety

Electrical safety	
Test voltage: primary – frame	1500V 50Hz
Test voltage: secondary – frame	1500V 50Hz
Test voltage: Signal - frame	1500V 50Hz

EMC

Input EMI filter	EN 61000-3-3, EN 55011
Input immunity	EN61000-4-2, -3, -4, -5, -6

Pin assignment

X1	Line input (top down)
X1 5	PE
X1 4	not used
X1 3	N
X1 2	not used
X1 1	L
X2	Signaling (top down)
X2 7	Output voltage present Rel_B
X2 6	Output voltage present Rel_A
X2 5	Input under voltage Rel_B
X2 4	Input under voltage Rel_A
X6	Power output (top down)
X6, X7, X8, X9 3	±55V
X6, X7, X8, X9 2	P-GRD
X6, X7, X8, X9 1	PE

Wall-mounting (mm)

