

## APPLICATIONS

- > Piezo drive up to 1 channel
- > Dynamic operation of high capacitance piezo actuator
- > Fast actuation
- > Forced vibration generation

## KEY FEATURES

- > 5 A continuous output current
- > Energy recovery
- > High power density
- > [-20 V;150 V] output voltage range
- > High efficiency
- > Active power factor correction
- > Galvanic isolation
- > Temperature protection for actuators

## RELATED PRODUCT

- > Piezo actuators and stages
- > CTEC Powered 19" subrack
- > UC55 Controllers
- > SG75 / ECS75 sensors conditioners



## SPECIFICATIONS

PARAMETER	TYPICAL VALUE	UNIT
<b>&gt; General</b>		
Function	Driver for piezoelectric actuator	
Number of channels	1	
<b>&gt; Input</b>		
Control input voltage	-1 ... +7.5	V
Control input impedance	10	kΩ
<b>&gt; Output</b>		
Output voltage <sup>(1)</sup>	-20 ... +150	V
Continuous peak output current <sup>(2)</sup>	±5	A
Maximum output load	400	μF
Output impedance	100	μH
<b>&gt; Power amplifier</b>		
Typical efficiency	94	%
Switching frequency	200	kHz
Peak output power <sup>(3)</sup>	440	W
<b>&gt; Gain</b>		
Gain	20	V/V
Gain error	±1	%
Gain linearity error	0.1	%



## DRAWINGS

