

HV1K4C

Four-Channel High Voltage Supply with Current Limit

Main Parameters

Parameter	Description	Min.	Typ.	Max.	Unit
U_{In}	Supply voltage	80		264	VAC
U_{Out}	Output voltage setting range	-200		-1000	VDC
$U_{OutMeas}$	Measured voltage range	-180		-1000	VDC
I_{Out}	Output current limit setting range	10		1000	μ A
$I_{OutMeas}$	Output current measurement range	4		1000	μ A
U_{Ripple}	Output voltage ripple			200	mV _{AC RMS}
$U_{RipplePK-PK}$	Output voltage ripple (peak-to-peak)			800	mV _{PK-PK}
$U_{TolMeas}$	Measured output voltage tolerance			0.05	%
U_{TolSet}	Set output voltage tolerance			0.2	%
U_{Offset}	Channel-to-channel voltage deviation			0.2	%
$I_{TolMeas}$	Measured current tolerance		0.5	1.5	%
I_{TolSet}	Current limit setting tolerance (vs. measured current)		0.5	4	%



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