

# EHS FLEX

## REASONABLE HIGH VOLTAGE MODULE IN COMMON FLOATING GROUND

- ▶ 16 / 24 / 48 channel, 100 V - 3 kV versions
- ▶ Flexible channel combinations without additional cost
- ▶ Low ripple and noise, very low noise (VLN class)
- ▶ Hardware voltage and current limits
- ▶ Voltage and current control per channel
- ▶ Programmable parameters (delayed trip etc.)



EHS FLEX modules are multichannel high voltage power supplies in MMS system (Eurocard format). With up to 48 channels each single channel has an independent voltage and current control. The module is made of high-precision components such as 24 bit ADC and up to 20 bit DAC and provides comprehensive safety features.

The flexible layout of EHS FLEX allows an almost arbitrary combination of channels with different voltages and polarities within a single module to match a multitude of very specific custom requirements.

### CONFIGURATIONS

MODEL	CHANNELS	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE AND NOISE (10Hz-1kHz)
<b>EHS COMMON FLOATING GROUND</b>				
<b>EHS F5 01x</b>	16	100 V	10 mA	5 mV
<b>EHS 185 01x</b>	24	100 V	10 mA	5 mV
<b>EHS 305 01x</b>	48	100 V	10 mA	5 mV
<b>EHS F5 05x</b>	16	500 V	6 mA	10 mV
<b>EHS 185 05x</b>	24	500 V	6 mA	10 mV
<b>EHS 305 05x</b>	48	500 V	6 mA	10 mV
<b>EHS F5 10x</b>	16	1 kV	3 mA	10 mV
<b>EHS 185 10x</b>	24	1 kV	3 mA	10 mV
<b>EHS 305 10x</b>	48	1 kV	3 mA	10 mV
<b>EHS F5 20x</b>	16	2 kV	1.5 mA	10 mV
<b>EHS 185 20x</b>	24	2 kV	1.5 mA	10 mV
<b>EHS 305 20x</b>	48	2 kV	1.5 mA	10 mV
<b>EHS F5 30x</b>	16	3 kV	1 mA	10 mV
<b>EHS 185 30x</b>	24	3 kV	1 mA	10 mV
<b>EHS 305 30x</b>	48	3 kV	1 mA	10 mV

### ORDER & OPTIONS

OPTION	ORDER INFO	EXAMPLE
POLARITY	positive: x = p, negative: x = n	EHS F5 01p
ACTIVE SAFETY LOOP	SLA	
INTERNALLY POWERED SAFETY LOOP	SLP	