Specifications in brief

in 5 digits Resolution Max. error at 20°C analog (continuously) Resolution Current setting (2 ranges in 4 digits) High range	±25% with ±0 0.25% NGRU 35 <1 mA to 10 A		of scale 0.25% NGRU 100 >12 mA to 3 A	Constant-current source Deviation of output current with ±10% AC supply variation between 0 and 40°C from 10 to 90% load PARD in high range (I _{rms}) <2 mA in low range (I _{rms}) <20 µA Sensing sockets Max. voltage compens.<0.5 V	$ \begin{array}{llllllllllllllllllllllllllllllllllll$
Resolution Max. error at 20°C Low range	<10 10 μA	1 mA value ±10 mA μA to 100 mA 10 μA of set value ±0.2	1 mA 10 μA mA	Common data Modulation of output voltage (BNC female, floating) Input impedance	=10 V for 10 V modulation, 50 Hz to 1 kHz ±3 dB approx. 3.5 kΩ
(150 W)	NGRU 35 up to 15 V: 10 A 20 V: 7.5 A 35 V: 4.3 A	NGRU 50 a up to 30 V: 5 A 40 V: 3.8 A 50 V: 3 A	NGRU 100 up to 50 V: 3 A 75 V: 2 A 100 V: 1.5 A	Programming (external, analog)	sponse threshold approx. 5% higher)
Constant-voltage source Deviation of output voltage with ±10% AC supply varia between 0 and 40°C with 10 to 90% load PARD (V _{rms})	ation <0.3 mV	<±10 ⁻⁵ <±10 ⁻⁴ /K <10 ⁻⁴ <0.5 mV	<1 mV	for output voltage 0 to 100%' for output current 0 to 100% Setting time Connector Input impedance Reference potential	O to 10 V O to 10 V <3 ms (to within $\pm 1\%$) 5-contact Tuchel female approx. 10 k Ω positive terminal

Transient recovery time $<75 \mu s$ $<75 \mu s$

<75 μs