

DATA SHEET

High voltage test device HA 1885B / HA 1805B



High voltage test device HA 1885B
Plug-in 19" / 5 HU in housing



High voltage test device HA 1805B
Desktop device

Description	High voltage test devices with integrated safety current limitation at DC and AC voltage. With a few exceptions applicable in all global standards. In these devices the protection of the employee is „on-board“, there is no additional safety protection required.	
High voltage test AC	Voltage range	100 up to 5,500 V
	Current range	0 up to 3 mA
	Short circuit current	< 3 mA
High voltage test DC	Voltage range	100 up to 6,000 V
	Current range	0 up to 10 mA
	Short circuit current	< 12 mA
	Residual ripple	< 3 %
Insulation measurement DC	Voltage range	100 up to 6,000 V
	Measuring range (voltage dependent)	250 kΩ up to 1 GΩ
	Residual ripple	< 3 %
ARC detection (optional)	Range	0 up to 100%
Subjective tests	Picture step / text step	subjective or informative
General data	Threshold values	all programmable
	Error message	visual and audible
	Clock / calendar	internal
	Ramp function	programmable (IEC 601)
	Generator	fully electronic, digital technology
	Memory	up to 64 Gbyte
	Additional function	programmable inputs and outputs
	Dimensions (HxWxD) and weight plug-in 19" / 5 HU: HA 1885B	222 x 483 x 487 mm / approx. 18.0 kg 8.7 x 19.0 x 19.2 in. / approx. 39.7 lbs.
	Dimensions (HxWxD) and weight desktop device: HA 1805B	241 x 380 x 450 mm / approx. 13.0 kg 9.5 x 15.0 x 17.7 in. / approx. 28.7 lbs.
Mains supply	90 up to 250 V, 50 Hz / 60 Hz	
Interfaces	Computer interfaces	USB, RS 232, Ethernet / LAN, CAN
	Digital interface 24 VDC	8 input + 8 output
	Analogue interfaces 10 VDC	2 x input + 1 x output
Operation	Touch	10.1"-TFT colour display