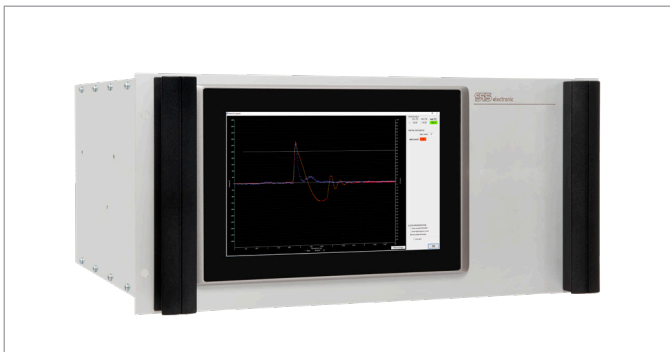


DATA SHEET

Surge tester **ST 4000B**



Surge tester ST 4000B
Plug-in 19" / min. 5 HU

Description	Winding goods like stators, coils or transformers can be examined precisely and comfortably with the surge tester ST 4000B. Thus, winding shorts and insulation faults inside a winding can be recognised even before the fault has an effect on the DUT. This avoids breakdowns of electric motors and any related call-backs.	
Surge test	Voltage	100 up to 6,000 V
	Surge capacity	100 / 200 nF
High voltage test AC	Voltage range	100 up to 5,500 V / 100 mA
High voltage test DC	Voltage range	100 up to 6,000 V / 50 mA
Insulation measurement DC	Measuring range	100 up to 6,000 V / 100 GΩ / kV
Resistance measurement	Measuring range	20 mΩ – 200 kΩ up to 1A
Sense of rotation sensor	HS 85 / HS 75	
Internal matrix	3 Phase + PE, 4-wire	
Partial discharge	Active, microwave antenna	1.57 GHz
	Active, inductive antenna	400 MHz
Automatic evaluation	<ul style="list-style-type: none"> • Limit value PD • Limit value PD with phase • PDIV inception voltage • PDEV extinction voltage • Norm pulse according to IEC TS 61934 • Double impulse 	
General data	Error message	visual
	PC-Software	DAT
	Dimensions (HxWxD) and weight	222 x 483 x 491 mm / approx. 12 kg 8.7 x 19.0 x 19.3 in. / approx. 26 lbs
	Mains supply	115 V / 230 V, 50 Hz / 60 Hz
Interfaces	Computer interfaces	USB, Ethernet / LAN
Operation	Touch	10.1" colour display