

## DATASHEET

## Insulation and High Voltage Tester IS 1885P



Insulation tester IS 1885L  
Plug-in 19" / 2 HU

Description	Developed for the quick insulation measurement and high voltage test in automatic test systems. The IS 1885P is constructed potential-free. With a separate measuring circuit the back measurement is implemented for contact monitoring.	
High voltage test DC	Voltage range	100 up to 6,000 V
	Current range	0 up to 10 mA
	Short circuit current	< 12 mA
Insulation measurement DC	Voltage range	100 up to 6,000 V
	Short circuit current	< 12 mA
	Resistance range	250 kΩ up to 600 GΩ, 100 GΩ / kV
Technology	<ul style="list-style-type: none"><li>• Electronic source up to 6,000 V DC</li><li>• Safety current limitation according to EN 50191</li><li>• Back measurement (4-wire-technique for contact monitoring), optional according to EN 50191 and potential-free</li><li>• High voltage potential-free up to 4 kV DC</li><li>• Potential-free interface (Ethernet)</li></ul>	
General data	Dimensions (HxWxD) and weight	89 x 483 x 470 mm / approx. 8 kg 3.5 x 19.0 x 18.5 in. / approx. 17.6 lbs
	Mains supply	90 up to 253 V AC / 50 up to 60 Hz
Interfaces	Test voltage	High voltage sockets 4 mm
	Back measurement	High voltage sockets 4 mm
	Guard	4 mm sockets
Operation	Remote control through a separate PC via Ethernet & DAT software	