



	<a href="#">POWER DISTRIBUTION UNIT ACAR-F5/FA/RACK</a>	<a href="#">MULTIFUNCTION METER FOR ELECTRICAL INSTALLATIONS UT-593 UNI-T</a>
		
	27.17 EUR 27.17 EUR	351.69 EUR 351.69 EUR
Rated voltage	230 V AC / 50 Hz	...
Nominal load current	max. 10 A (total)	...
Maximal total load	2300 W	...
Nominal voltage of surge suppressor	250 V / 50 Hz	...
Protection level of surge suppressor	≤ 1.3 kV (L/N)	...
Number of outlets	5 grounded outlets 10A/250V	...
Automatic delayed fuse	10 A / 250 V	...
Nominal stroke current	2 kA (L/N) - 8/20 μs	...
Maximum stroke current	10 kA (L/N) - 8/20 μs 2 type	...
Resistance measurement	...	<ul style="list-style-type: none"> <li>• Test voltage 250 V : 0.05 MΩ ... 250 MΩ</li> <li>• Test voltage 500 V : 0.05 MΩ ... 500 MΩ</li> <li>• Test voltage 1000 V : 0.05 MΩ ... 1000 MΩ</li> </ul>
Response time	< 25 ns	...
Switch	two-way, with light indication	...
Measuring accuracy	...	0.05 MΩ ... 1000 MΩ ± (5% + 5)
Open circuit voltage	...	Test voltage ± 10 %
Test current	...	0.9 mA ... 1.1 mA
Short-circuit current	...	< 1.8 mA
Housing	RACK 19", 1U, Plastic - non-flammable	...
AC voltage measurement	...	0 V ... 440 V ± (2% + 3) @ 1 V
Length of the cable	2.9 m	...
DC voltage measurement	...	0 V ... ± 440 V ± (2% + 3) @ 1 V
Measurement of small resistances	...	0.01 Ω ... 200 Ω ± (2% + 5)
Frequency measurement	...	20 Hz ... 100 Hz - for reference only

Test of RCDs	...	<ul style="list-style-type: none"> <li>• Working voltage: 220V ± 10 %</li> <li>• Test current: 10mA / 30mA / 100mA / 300mA / 500mA</li> <li>• Switch-off time ranges : <ul style="list-style-type: none"> <li>- 0 ... 2000 ms ± (5% + 5) @ 1/2 x nominal value of the residual current</li> <li>- 0 ... 500 ms ± (5% + 5) @ 1 x nominal value of the residual current, Selective RCD</li> <li>- 0 ... 300 ms ± (5% + 5) @ 1 x nominal value of the residual current</li> <li>- 0 ... 40 ms ± (5% + 5) @ 5 x nominal value of the residual current</li> </ul> </li> </ul>
RCD tripping current measurement	...	Increasing current test: 10 mA / 30 mA / 100 mA / 300 mA / 500 mA ± 10 %
RCD automatic test	...	✓
Phase sequence test	...	100 V ... 440 V / 45 Hz ... 65 Hz
Continuity measurement of protective and equalizing conductors	...	0 Ω ... 199 Ω ± (2% + 5) Measuring current > 20 mA @ 0 ... 2 Ω
Line impedance measurement (L-N)	...	<ul style="list-style-type: none"> <li>• 0.05 Ω ... 1.99 Ω ± (5% + 5)</li> <li>• 2 Ω ... 19.99 Ω ± (5% + 5)</li> <li>• 20 Ω ... 2000 Ω ± (5% + 5)</li> </ul> Measuring current : 20 A / 20 ms Measuring range of prospective short-circuit current : 0 ... 26 kA
Short circuit loop impedance measurement (L-PE)	...	<ul style="list-style-type: none"> <li>• 0.05 Ω ... 1.99 Ω ± (5% + 5)</li> <li>• 2 Ω ... 19.99 Ω ± (5% + 5)</li> <li>• 20 Ω ... 2000 Ω ± (5% + 5)</li> </ul> Measuring current : 20 A / 20 ms Measuring range of prospective short-circuit current : 0 ... 26 kA
Automatic change of measuring ranges	...	✓
RS-232	...	—

USB	...	—
Main features	<ul style="list-style-type: none"> <li>• Current paths shutters</li> <li>• DC filter to eliminate interferences : <math>\leq 35</math> dB</li> </ul>	<ul style="list-style-type: none"> <li>• Warning of using high voltage during the measurement,</li> <li>• Phase switch <math>0^\circ / 180^\circ</math> during RCD test,</li> <li>• Automatic identification of AC/DC voltage,</li> <li>• Reset function for measuring low resistances,</li> <li>• Large, readable LCD display with backlight,</li> <li>• Buzzer,</li> <li>• Automatic power-off,</li> <li>• Low battery indicator,</li> <li>• Aesthetic and solid construction</li> </ul>
Operation temp	...	0 °C ... 40 °C
Permissible relative humidity	...	$\leq 85$ % (non-condensing)
Power supply	...	8 x 1.5V, type AA/LR6/FR6 battery - included
Weight	0.93 kg	1.1 kg
Dimensions	484 x 54 x 55 mm	210 x 175 x 90 mm
Manufacturer / Brand	...	UNI-T
Guarantee	2 years	2 years