

# multimes F96 Technical details

<b>MEASURED VALUES</b>	<b>Voltage</b>	U Ph-N (L1 – L3)   U Ph-Ph
	<b>Electricity</b>	I Ph (L1 – L3)
	<b>Current average value</b>	I Ph (L1 – L3)
	<b>Neutral conductor current</b>	IN   IN-average
	<b>Apparent power</b>	S Ph (L1 – L3)   S total
	<b>Active power</b>	P Ph (L1 – L3)   P total
	<b>Q1 = fundamental reactive power</b>	Q 1 (L1 – L3)   Q 1 total
	<b>Q = fundamental and harmonic reactive power</b>	Q (L1 – L3)   Q 1 total
	<b>Frequency</b>	$f_{Net}$
	<b>Harmonics</b>	THD (L1 – L3) voltage
		Id (L1 – L3) current
		3rd - 63th Harm. (L1 – L3) voltage
		3rd - 63th Harm. (L1 – L3) current
	<b>Rotary field control: Rotary field display in degrees</b>	
	<b>Power factors</b>	Fundamental component $\cos\phi$ (L1 – L3)
		Total power factor $\lambda$ (L1 – L3)   $\lambda$ total
<b>Electric energy</b>	Continuous counter for active energy P+   P-	
	Continuous counter for reactive energy Q+   Q-	
<b>Tariff switching</b>	HT   LT	
<b>MEMORY</b>	<b>Load profile memory P total / Q total</b>	P+   Q+ (cumulated)
		P-   Q- (cumulated)
	<b>Duration of load profile storage</b>	(at 15-minute measuring intervals)
	<b>Daily, active and reactive energy</b>	
	<b>Maximum indicator function (min. / max.)</b>	
	<b>Event memory</b>	
	<b>Operating log</b>	