

**Scheinleistung (VA)** is a duo formed by **Britta Fehrmann** and **hans w. koch** in 2016, to find a sounding interpretation of *scheinleistung* (VA).

Scheinleistung (VA) is considered as the product of the effective values of electrical voltage and current. The electrical power transmitted to an electrical device is at any moment equal to the product of electrical voltage and current. By simply forming the product of the effective values of electrical voltage and current intensity for alternating current, only the Scheinleistung (VA) is obtained. The Scheinleistung (VA) can be higher than the active power, if current and voltage do not oscillate in phase, so that the current has a component of reactive current. The sound of Scheinleistung (VA) oscillates between multiple phases, creating an intense current of apparent power:

$$S = U \cdot I = \sqrt{P^2 + Q_{\text{tot}}^2}$$