

Energizing Productivity

Active Energy Management Devices and Safe Brake Resistors
in wire-wound and PTC technology for electric drives.



Download Area



Product series PxtFX
In = 20/17 A (IEC/UL)
IMAX = 40 A
Uz ≤ 1,000/848 VDC (IEC/UL)
Uc ≤ 450 VDC
Storage¹ several kJ

Product series PxtRX
In = 30/27 A (IEC/UL)
IMAX = 60 A
Uz ≤ 1,000/848 VDC (IEC/UL)
Uc ≤ 800/450 VDC (IEC/UL)
Storage¹ up to several MJ

¹ Electrolytic capacitor units PxtEX (IEC and UL), Double Layer Capacitor Units, Batteries (IEC)



Single module series BWx
IP65, PN = ≤ 400 W
PB ≤ 12 kW at 1% Duty cycle

Single module
PTC based
PNK ≤ 140 W
Uz ≤ 1,000 VDC

Combinations
in various designs
bis IP65, PN ≤ 8,0 kW
PB > 250 kW at 1% Duty cycle



Active Energy Management Devices

Benefits

- Recovering braking energy
- Increase productivity
- Bypassing power failures
- Compensate voltage dips
- Reduce load peaks
- Protect power quality
- Increase energy efficiency
- Controlled stops in case of power failure
- Mains-independent operation
- No heat from braking energy
- Excellent communicator/fieldbus integration
- Modular system

Safe Brake Resistors

Benefits

- Managing braking energy
- Controlled stops
- Safe reduction of braking energy
- Rapid dissipation of the braking energy
- „Intrinsic safety“* with continued overload
- Individual design
- Modular system

*Intrinsic safety" for wire-wound resistors is usually given at four times of type power. For PTC resistors it is typical.

Who we are – what we do



Local roots

Our "little factory" with Technikum is located in the Baden town of Ubstadt-Weiher, between the Rhine valley and Kraichgau, where we currently employ about 50 people, seven of whom are still completing their training. We are conveniently located with good transport links and deliver to our customers world-wide from this location.



Taking responsibility - pointing the way

We have certification for our environmental management in accordance with EMAS III and our quality management in accordance with DIN EN ISO 9001:2015 and take pride in having a sustainable business culture. We are a corporate member of the registered association Transparency International Deutschland e.V., which means we advocate cooperation without corruption.



UMWELTPREIS
FÜR UNTERNEHMEN
BÄDEN-WÜRTTEMBERG
2022
Preisträger

Quality through education

Every year we offer at least one apprenticeship for an industrial clerk and a warehouse logistics expert. In cooperation with the Cooperative State University Baden-Württemberg we also offer one place on a dual bachelor degree for business administration and electrical engineering. We place great importance on the career development of our employees: for this reason we work closely together with the local Chamber of Industry and Commerce and other training institutes.

Multi-faceted communication

Not only through the classical channels do we keep you up to date, but also through our social media channels and our Newsletter.



We look forward
to hearing from you!



Michael Koch GmbH

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Commitment to the community

We take our social responsibility as a company seriously and are committed in many different ways: donations, sponsorships, cooperation with local schools, associations, local political institutions, the Chamber of Industry and Commerce and the regional economic promotion Bruchsal.

