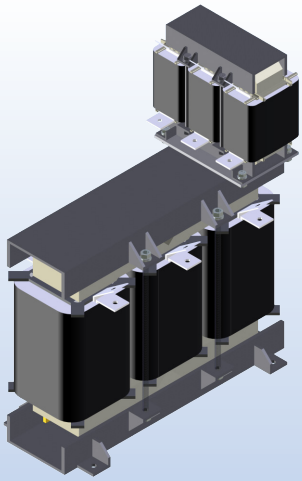
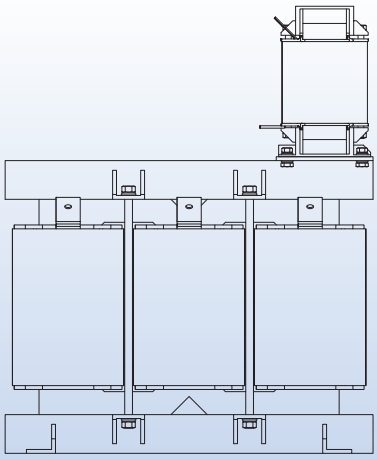
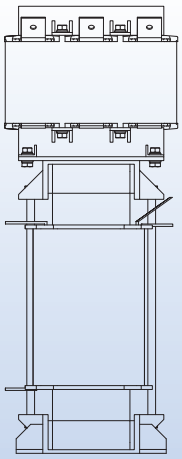
Michael Riedel
Transformatorenbau GmbH







Baureihe RDU-K

R++
Riedel - energy efficiency

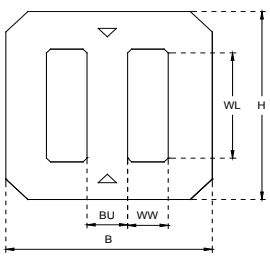
Verlustoptimierte Baureihe - UNICORE Eisen-Kerntechnologie:

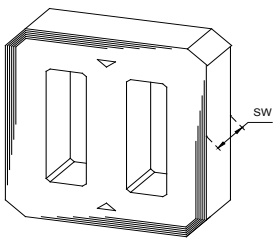
Vorteile der neuen Kerntechnologie:

- **Extrem geringe Eisenverluste durch optimierte Kernform**
- **Reduzierte Geräuschentwicklung**
- **Kurze Lieferzeiten auch für kundenspezifische Sondergrößen**
- **Geringe Baumaße**

3 Phasen Trenntransformator mit Aluminiumwicklung:

Technische Daten	
Nennleistung	110kVA
Eingang	3AC 290V / 219A
Ausgang	3AC 400V / 159A
Frequenz	50 / 60Hz
Umgebungstemperatur	ta = 50°C / F
Abmessungen (B x T x H)	760 x 355 x 1000mm

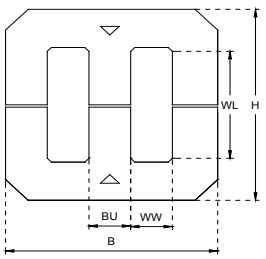


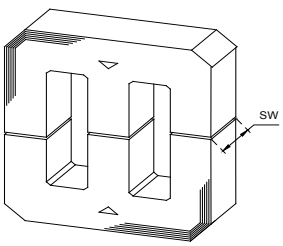


Kern – Form (Trafo)
Bezeichnung: 3-DUO1
Material: M165-35S (M6X)

3 Phasen Filterkreisdrossel mit Aluminiumwicklung:

Technische Daten	
Induktivität	310µH
Bemessungsstrom	219A
Sättigungsstrom	> 405A
PWM	4,0kHz
Umgebungstemp	ta = 50°C / F
Abmessungen (B x T x H)	355 x 225 x 325mm



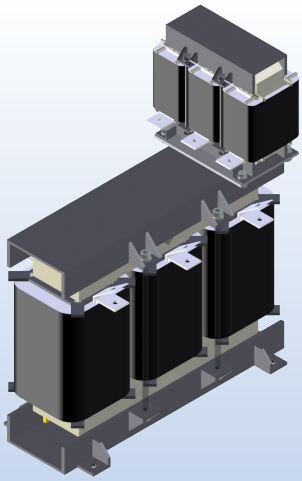


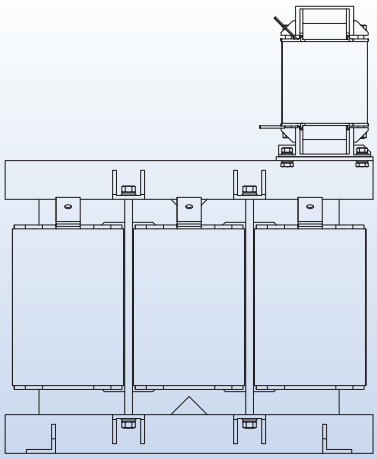
Kern – Form (Drossel)
Bezeichnung: BUTT3
Material: M165-35S (M6X)

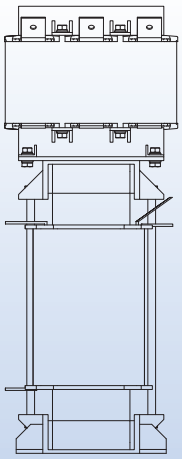
kurzfristig lieferbar | Technische Änderungen vorbehalten | Datum 18.11.2011

Michael Riedel Transformatorenbau GmbH · Max-Eyth-Straße 10 · D-74532 Ilshofen-Eckartshausen
Telefon (07904) 704-0 · Fax (07904) 70450 · www.riedel-trafobau.de · info@riedel-trafobau.de

Michael Riedel
Transformatorenbau GmbH







Series RDU-K

R++
Riedel - energy efficiency

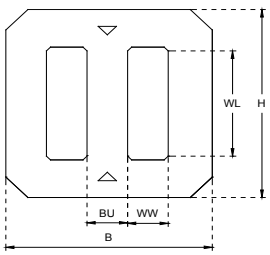
Low loss series - UNICORE iron core technology:

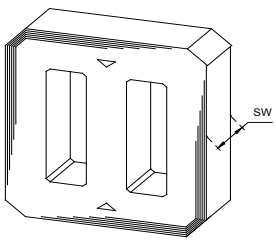
Advantages of the new core technology:

- **Extremly low iron losses due to optimized core design**
- **Reduced noise level**
- **Short delivery times also for customized products**
- **Low dimensions**

3 phase isolating transformer with aluminium winding:

Technical data	
Rated power	110kVA
Input	3AC 290V / 219A
Output	3AC 400V / 159A
Frequency	50 / 60Hz
Ambient temperature	ta = 50°C / F
Dimensions (W x D x H)	760 x 355 x 1000mm

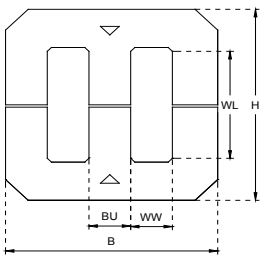


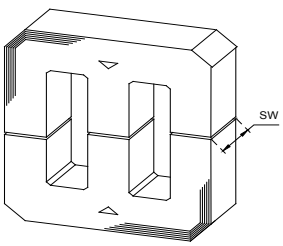


Core – design (transformer)
Type: 3-DUO1
Material: M165-35S (M6X)

3 phase filter reactor with aluminium winding:

Technical data	
Inductance	310µH
rated current	219A
saturation current	> 405A
PWM	4,0kHz
Ambient temperature	ta = 50°C / F
Dimensions (W x D x H)	355 x 225 x 325mm





Core – design (reactor)
Type: BUTT3
Material: M165-35S (M6X)

Short-term delivery | Subject to technical modifications | Date 18.11.2011

Michael Riedel Transformatorenbau GmbH · Max-Eyth-Straße 10 · D-74532 Ilshofen-Eckartshausen
Telefon (07904) 704-0 · Fax (07904) 70450 · www.riedel-trafobau.de · info@riedel-trafobau.de