

**QDTB® TRANSFORMER**

**SCB13**

Dry-Type Transformers

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PRODUCT DATASHEET

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# SCB13 — Series Overview

The SCB13 series is an energy-efficient variant of cast resin dry-type transformers, meeting Level 3 energy efficiency standards with reduced no-load losses. Rated 10–5000 kVA, 0.48–35 kV primary and 0.208–0.48 kV secondary, Class F insulation with 65 K temperature rise, IP00–IP31 enclosure (IP42–IP66 available on request). Suitable for indoor substations, data centers, commercial buildings, industrial plants, and solar/wind farms.

## Key Features

- Level 3 energy efficiency rating
- Reduced no-load losses compared to standard models
- Cast resin insulation for enhanced safety
- Ideal for energy-conscious applications

## Typical Applications

- Green buildings
- Energy-efficient facilities
- Commercial complexes
- Educational institutions

## Model Number Breakdown

- S — Three-phase power transformer
- C — Cast resin insulation, dry-type transformer
- B — Foil-wound winding structure
- 13 — Performance level designation, corresponds to Level 3 energy efficiency standard

# Model Specifications

162 model(s) in the SCB13 series. Weight and dimensions are typical reference values, subject to confirmation.

| Model               | Rated Capacity | HV Voltage | LV Voltage | Connection           | Cooling | No-load Loss (W) | Load Loss (W) | No-load Current (%) | Impedance (%) | Noise (dB) | Insulation Class | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|---------------------|----------------|------------|------------|----------------------|---------|------------------|---------------|---------------------|---------------|------------|------------------|-----------------------|---------------|----------------------|
| SCB13-10/10/0.4     | 10             | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 680              | 1700          | 1.9                 | 4             | ≤36 dB(A)  | F (155°C)        | IEC 60076             | 300 kg        | 700×500×800 mm       |
| SCB13-10/6/0.4      | 10             | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 680              | 1700          | 1.9                 | 4             | ≤36 dB(A)  | F (155°C)        | IEC 60076             | 300 kg        | 700×500×800 mm       |
| SCB13-10/35/0.4     | 10             | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 680              | 1700          | 1.9                 | 4             | ≤36 dB(A)  | F (155°C)        | IEC 60076             | 300 kg        | 700×500×800 mm       |
| SCB13-10/10/0.48    | 10             | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 680              | 1700          | 1.9                 | 4             | ≤36 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 300 kg        | 700×500×800 mm       |
| SCB13-10/10/0.22    | 10             | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 680              | 1700          | 1.9                 | 4             | ≤36 dB(A)  | F (155°C)        | IEC 60076             | 300 kg        | 700×500×800 mm       |
| SCB13-10/0.48/0.208 | 10             | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 680              | 1700          | 1.9                 | 4             | ≤36 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 300 kg        | 700×500×800 mm       |
| SCB13-15/10/0.4     | 15             | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 910              | 2275          | 1.6                 | 4             | ≤36 dB(A)  | F (155°C)        | IEC 60076             | 340 kg        | 740×525×850 mm       |
| SCB13-15/6/0.4      | 15             | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 910              | 2275          | 1.6                 | 4             | ≤36 dB(A)  | F (155°C)        | IEC 60076             | 340 kg        | 740×525×850 mm       |
| SCB13-15/35/0.4     | 15             | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 910              | 2275          | 1.6                 | 4             | ≤36 dB(A)  | F (155°C)        | IEC 60076             | 340 kg        | 740×525×850 mm       |
| SCB13-15/10/0.48    | 15             | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 910              | 2275          | 1.6                 | 4             | ≤36 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 340 kg        | 740×525×850 mm       |
| SCB13-15/10/0.22    | 15             | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 910              | 2275          | 1.6                 | 4             | ≤36 dB(A)  | F (155°C)        | IEC 60076             | 340 kg        | 740×525×850 mm       |
| SCB13-15/0.48/0.208 | 15             | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 910              | 2275          | 1.6                 | 4             | ≤36 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 340 kg        | 740×525×850 mm       |
| SCB13-20/10/0.4     | 20             | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1120             | 2800          | 1.5                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 380 kg        | 780×550×900 mm       |
| SCB13-20/6/0.4      | 20             | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1120             | 2800          | 1.5                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 380 kg        | 780×550×900 mm       |
| SCB13-20/35/0.4     | 20             | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1120             | 2800          | 1.5                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 380 kg        | 780×550×900 mm       |
| SCB13-20/10/0.48    | 20             | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 1120             | 2800          | 1.5                 | 4             | ≤37 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 380 kg        | 780×550×900 mm       |

| Model               | Rated Capacity | HV Voltage | LV Voltage | Connection           | Cooling | No-load Loss (W) | Load Loss (W) | No-load Current (%) | Impedance (%) | Noise (dB) | Insulation Class | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|---------------------|----------------|------------|------------|----------------------|---------|------------------|---------------|---------------------|---------------|------------|------------------|-----------------------|---------------|----------------------|
| SCB13-20/10/0.22    | 20             | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 1120             | 2800          | 1.5                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 380 kg        | 780×550×900 mm       |
| SCB13-20/0.48/0.208 | 20             | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 1120             | 2800          | 1.5                 | 4             | ≤37 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 380 kg        | 780×550×900 mm       |
| SCB13-25/10/0.4     | 25             | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1320             | 3300          | 1.4                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 420 kg        | 830×585×940 mm       |
| SCB13-25/6/0.4      | 25             | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1320             | 3300          | 1.4                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 420 kg        | 830×585×940 mm       |
| SCB13-25/35/0.4     | 25             | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1320             | 3300          | 1.4                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 420 kg        | 830×585×940 mm       |
| SCB13-25/10/0.48    | 25             | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 1320             | 3300          | 1.4                 | 4             | ≤37 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 420 kg        | 830×585×940 mm       |
| SCB13-25/10/0.22    | 25             | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 1320             | 3300          | 1.4                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 420 kg        | 830×585×940 mm       |
| SCB13-25/0.48/0.208 | 25             | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 1320             | 3300          | 1.4                 | 4             | ≤37 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 420 kg        | 830×585×940 mm       |
| SCB13-30/10/0.4     | 30             | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1500             | 3750          | 1.3                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 460 kg        | 880×620×980 mm       |
| SCB13-30/6/0.4      | 30             | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1500             | 3750          | 1.3                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 460 kg        | 880×620×980 mm       |
| SCB13-30/35/0.4     | 30             | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1500             | 3750          | 1.3                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 460 kg        | 880×620×980 mm       |
| SCB13-30/10/0.48    | 30             | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 1500             | 3750          | 1.3                 | 4             | ≤37 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 460 kg        | 880×620×980 mm       |
| SCB13-30/10/0.22    | 30             | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 1500             | 3750          | 1.3                 | 4             | ≤37 dB(A)  | F (155°C)        | IEC 60076             | 460 kg        | 880×620×980 mm       |
| SCB13-30/0.48/0.208 | 30             | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 1500             | 3750          | 1.3                 | 4             | ≤37 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 460 kg        | 880×620×980 mm       |
| SCB13-40/10/0.4     | 40             | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1850             | 4625          | 1.2                 | 4             | ≤38 dB(A)  | F (155°C)        | IEC 60076             | 510 kg        | 940×690×1040 mm      |
| SCB13-40/6/0.4      | 40             | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1850             | 4625          | 1.2                 | 4             | ≤38 dB(A)  | F (155°C)        | IEC 60076             | 510 kg        | 940×690×1040 mm      |
| SCB13-40/35/0.4     | 40             | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 1850             | 4625          | 1.2                 | 4             | ≤38 dB(A)  | F (155°C)        | IEC 60076             | 510 kg        | 940×690×1040 mm      |

| Model               | Rated Capacity | HV Voltage | LV Voltage | Connection           | Cooling | No-load Loss (W) | Load Loss (W) | No-load Current (%) | Impedance (%) | Noise (dB) | Insulation Class | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|---------------------|----------------|------------|------------|----------------------|---------|------------------|---------------|---------------------|---------------|------------|------------------|-----------------------|---------------|----------------------|
| SCB13-40/10/0.48    | 40             | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 1850             | 4625          | 1.2                 | 4             | ≤38 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 510 kg        | 940×690×1040 mm      |
| SCB13-40/10/0.22    | 40             | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 1850             | 4625          | 1.2                 | 4             | ≤38 dB(A)  | F (155°C)        | IEC 60076             | 510 kg        | 940×690×1040 mm      |
| SCB13-40/0.48/0.208 | 40             | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 1850             | 4625          | 1.2                 | 4             | ≤38 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 510 kg        | 940×690×1040 mm      |
| SCB13-50/10/0.4     | 50             | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 2170             | 5425          | 1.1                 | 4             | ≤38 dB(A)  | F (155°C)        | IEC 60076             | 560 kg        | 1000×760×1100 mm     |
| SCB13-50/6/0.4      | 50             | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 2170             | 5425          | 1.1                 | 4             | ≤38 dB(A)  | F (155°C)        | IEC 60076             | 560 kg        | 1000×760×1100 mm     |
| SCB13-50/35/0.4     | 50             | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 2170             | 5425          | 1.1                 | 4             | ≤38 dB(A)  | F (155°C)        | IEC 60076             | 560 kg        | 1000×760×1100 mm     |
| SCB13-50/10/0.48    | 50             | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 2170             | 5425          | 1.1                 | 4             | ≤38 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 560 kg        | 1000×760×1100 mm     |
| SCB13-50/10/0.22    | 50             | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 2170             | 5425          | 1.1                 | 4             | ≤38 dB(A)  | F (155°C)        | IEC 60076             | 560 kg        | 1000×760×1100 mm     |
| SCB13-50/0.48/0.208 | 50             | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 2170             | 5425          | 1.1                 | 4             | ≤38 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 560 kg        | 1000×760×1100 mm     |
| SCB13-63/10/0.4     | 63             | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 2570             | 6425          | 1                   | 4             | ≤39 dB(A)  | F (155°C)        | IEC 60076             | 620 kg        | 1020×775×1135 mm     |
| SCB13-63/6/0.4      | 63             | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 2570             | 6425          | 1                   | 4             | ≤39 dB(A)  | F (155°C)        | IEC 60076             | 620 kg        | 1020×775×1135 mm     |
| SCB13-63/35/0.4     | 63             | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 2570             | 6425          | 1                   | 4             | ≤39 dB(A)  | F (155°C)        | IEC 60076             | 620 kg        | 1020×775×1135 mm     |
| SCB13-63/10/0.48    | 63             | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 2570             | 6425          | 1                   | 4             | ≤39 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 620 kg        | 1020×775×1135 mm     |
| SCB13-63/10/0.22    | 63             | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 2570             | 6425          | 1                   | 4             | ≤39 dB(A)  | F (155°C)        | IEC 60076             | 620 kg        | 1020×775×1135 mm     |
| SCB13-63/0.48/0.208 | 63             | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 2570             | 6425          | 1                   | 4             | ≤39 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 620 kg        | 1020×775×1135 mm     |
| SCB13-80/10/0.4     | 80             | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 3050             | 7625          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEC 60076             | 700 kg        | 1050×800×1180 mm     |
| SCB13-80/6/0.4      | 80             | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 3050             | 7625          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEC 60076             | 700 kg        | 1050×800×1180 mm     |

| Model                | Rated Capacity | HV Voltage | LV Voltage | Connection           | Cooling | No-load Loss (W) | Load Loss (W) | No-load Current (%) | Impedance (%) | Noise (dB) | Insulation Class | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|----------------------|----------------|------------|------------|----------------------|---------|------------------|---------------|---------------------|---------------|------------|------------------|-----------------------|---------------|----------------------|
| SCB13-80/35/0.4      | 80             | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 3050             | 7625          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEC 60076             | 700 kg        | 1050×800×1180 mm     |
| SCB13-80/10/0.48     | 80             | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 3050             | 7625          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 700 kg        | 1050×800×1180 mm     |
| SCB13-80/10/0.22     | 80             | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 3050             | 7625          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEC 60076             | 700 kg        | 1050×800×1180 mm     |
| SCB13-80/0.48/0.208  | 80             | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 3050             | 7625          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 700 kg        | 1050×800×1180 mm     |
| SCB13-100/10/0.4     | 100            | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 3580             | 8950          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEC 60076             | 800 kg        | 1100×800×1250 mm     |
| SCB13-100/6/0.4      | 100            | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 3580             | 8950          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEC 60076             | 800 kg        | 1100×800×1250 mm     |
| SCB13-100/35/0.4     | 100            | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 3580             | 8950          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEC 60076             | 800 kg        | 1100×800×1250 mm     |
| SCB13-100/10/0.48    | 100            | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 3580             | 8950          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 800 kg        | 1100×800×1250 mm     |
| SCB13-100/10/0.22    | 100            | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 3580             | 8950          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEC 60076             | 800 kg        | 1100×800×1250 mm     |
| SCB13-100/0.48/0.208 | 100            | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 3580             | 8950          | 0.9                 | 4             | ≤40 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 800 kg        | 1100×800×1250 mm     |
| SCB13-125/10/0.4     | 125            | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 4200             | 10500         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEC 60076             | 900 kg        | 1150×820×1300 mm     |
| SCB13-125/6/0.4      | 125            | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 4200             | 10500         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEC 60076             | 900 kg        | 1150×820×1300 mm     |
| SCB13-125/35/0.4     | 125            | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 4200             | 10500         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEC 60076             | 900 kg        | 1150×820×1300 mm     |
| SCB13-125/10/0.48    | 125            | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 4200             | 10500         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 900 kg        | 1150×820×1300 mm     |
| SCB13-125/10/0.22    | 125            | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 4200             | 10500         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEC 60076             | 900 kg        | 1150×820×1300 mm     |
| SCB13-125/0.48/0.208 | 125            | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 4200             | 10500         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 900 kg        | 1150×820×1300 mm     |
| SCB13-160/10/0.4     | 160            | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 5020             | 12550         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEC 60076             | 1050 kg       | 1200×850×1350 mm     |

| Model                | Rated Capacity | HV Voltage | LV Voltage | Connection           | Cooling | No-load Loss (W) | Load Loss (W) | No-load Current (%) | Impedance (%) | Noise (dB) | Insulation Class | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|----------------------|----------------|------------|------------|----------------------|---------|------------------|---------------|---------------------|---------------|------------|------------------|-----------------------|---------------|----------------------|
| SCB13-160/6/0.4      | 160            | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 5020             | 12550         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEC 60076             | 1050 kg       | 1200×850×1350 mm     |
| SCB13-160/35/0.4     | 160            | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 5020             | 12550         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEC 60076             | 1050 kg       | 1200×850×1350 mm     |
| SCB13-160/10/0.48    | 160            | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 5020             | 12550         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 1050 kg       | 1200×850×1350 mm     |
| SCB13-160/10/0.22    | 160            | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 5020             | 12550         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEC 60076             | 1050 kg       | 1200×850×1350 mm     |
| SCB13-160/0.48/0.208 | 160            | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 5020             | 12550         | 0.8                 | 4.5           | ≤41 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 1050 kg       | 1200×850×1350 mm     |
| SCB13-200/10/0.4     | 200            | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 5900             | 14750         | 0.7                 | 4.5           | ≤42 dB(A)  | F (155°C)        | IEC 60076             | 1200 kg       | 1250×880×1400 mm     |
| SCB13-200/6/0.4      | 200            | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 5900             | 14750         | 0.7                 | 4.5           | ≤42 dB(A)  | F (155°C)        | IEC 60076             | 1200 kg       | 1250×880×1400 mm     |
| SCB13-200/35/0.4     | 200            | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 5900             | 14750         | 0.7                 | 4.5           | ≤42 dB(A)  | F (155°C)        | IEC 60076             | 1200 kg       | 1250×880×1400 mm     |
| SCB13-200/10/0.48    | 200            | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 5900             | 14750         | 0.7                 | 4.5           | ≤42 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 1200 kg       | 1250×880×1400 mm     |
| SCB13-200/10/0.22    | 200            | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 5900             | 14750         | 0.7                 | 4.5           | ≤42 dB(A)  | F (155°C)        | IEC 60076             | 1200 kg       | 1250×880×1400 mm     |
| SCB13-200/0.48/0.208 | 200            | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 5900             | 14750         | 0.7                 | 4.5           | ≤42 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 1200 kg       | 1250×880×1400 mm     |
| SCB13-250/10/0.4     | 250            | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 6930             | 17325         | 0.7                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEC 60076             | 1350 kg       | 1300×900×1450 mm     |
| SCB13-250/6/0.4      | 250            | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 6930             | 17325         | 0.7                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEC 60076             | 1350 kg       | 1300×900×1450 mm     |
| SCB13-250/35/0.4     | 250            | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 6930             | 17325         | 0.7                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEC 60076             | 1350 kg       | 1300×900×1450 mm     |
| SCB13-250/10/0.48    | 250            | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 6930             | 17325         | 0.7                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 1350 kg       | 1300×900×1450 mm     |
| SCB13-250/10/0.22    | 250            | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 6930             | 17325         | 0.7                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEC 60076             | 1350 kg       | 1300×900×1450 mm     |
| SCB13-250/0.48/0.208 | 250            | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 6930             | 17325         | 0.7                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 1350 kg       | 1300×900×1450 mm     |

| Model                | Rated Capacity | HV Voltage | LV Voltage | Connection           | Cooling | No-load Loss (W) | Load Loss (W) | No-load Current (%) | Impedance (%) | Noise (dB) | Insulation Class | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|----------------------|----------------|------------|------------|----------------------|---------|------------------|---------------|---------------------|---------------|------------|------------------|-----------------------|---------------|----------------------|
| SCB13-315/10/0.4     | 315            | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 8180             | 20450         | 0.6                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEC 60076             | 1550 kg       | 1350×950×1500 mm     |
| SCB13-315/6/0.4      | 315            | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 8180             | 20450         | 0.6                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEC 60076             | 1550 kg       | 1350×950×1500 mm     |
| SCB13-315/35/0.4     | 315            | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 8180             | 20450         | 0.6                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEC 60076             | 1550 kg       | 1350×950×1500 mm     |
| SCB13-315/10/0.48    | 315            | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 8180             | 20450         | 0.6                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 1550 kg       | 1350×950×1500 mm     |
| SCB13-315/10/0.22    | 315            | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 8180             | 20450         | 0.6                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEC 60076             | 1550 kg       | 1350×950×1500 mm     |
| SCB13-315/0.48/0.208 | 315            | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 8180             | 20450         | 0.6                 | 4.5           | ≤43 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 1550 kg       | 1350×950×1500 mm     |
| SCB13-400/10/0.4     | 400            | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 9710             | 24275         | 0.6                 | 4.5           | ≤44 dB(A)  | F (155°C)        | IEC 60076             | 1800 kg       | 1400×980×1550 mm     |
| SCB13-400/6/0.4      | 400            | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 9710             | 24275         | 0.6                 | 4.5           | ≤44 dB(A)  | F (155°C)        | IEC 60076             | 1800 kg       | 1400×980×1550 mm     |
| SCB13-400/35/0.4     | 400            | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 9710             | 24275         | 0.6                 | 4.5           | ≤44 dB(A)  | F (155°C)        | IEC 60076             | 1800 kg       | 1400×980×1550 mm     |
| SCB13-400/10/0.48    | 400            | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 9710             | 24275         | 0.6                 | 4.5           | ≤44 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 1800 kg       | 1400×980×1550 mm     |
| SCB13-400/10/0.22    | 400            | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 9710             | 24275         | 0.6                 | 4.5           | ≤44 dB(A)  | F (155°C)        | IEC 60076             | 1800 kg       | 1400×980×1550 mm     |
| SCB13-400/0.48/0.208 | 400            | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 9710             | 24275         | 0.6                 | 4.5           | ≤44 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 1800 kg       | 1400×980×1550 mm     |
| SCB13-500/10/0.4     | 500            | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 11410            | 28525         | 0.6                 | 4.5           | ≤45 dB(A)  | F (155°C)        | IEC 60076             | 2100 kg       | 1450×1000×1600 mm    |
| SCB13-500/6/0.4      | 500            | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 11410            | 28525         | 0.6                 | 4.5           | ≤45 dB(A)  | F (155°C)        | IEC 60076             | 2100 kg       | 1450×1000×1600 mm    |
| SCB13-500/35/0.4     | 500            | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 11410            | 28525         | 0.6                 | 4.5           | ≤45 dB(A)  | F (155°C)        | IEC 60076             | 2100 kg       | 1450×1000×1600 mm    |
| SCB13-500/10/0.48    | 500            | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 11410            | 28525         | 0.6                 | 4.5           | ≤45 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 2100 kg       | 1450×1000×1600 mm    |
| SCB13-500/10/0.22    | 500            | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 11410            | 28525         | 0.6                 | 4.5           | ≤45 dB(A)  | F (155°C)        | IEC 60076             | 2100 kg       | 1450×1000×1600 mm    |

| Model                | Rated Capacity | HV Voltage | LV Voltage | Connection           | Cooling | No-load Loss (W) | Load Loss (W) | No-load Current (%) | Impedance (%) | Noise (dB) | Insulation Class | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|----------------------|----------------|------------|------------|----------------------|---------|------------------|---------------|---------------------|---------------|------------|------------------|-----------------------|---------------|----------------------|
| SCB13-500/0.48/0.208 | 500            | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 11410            | 28525         | 0.6                 | 4.5           | ≤45 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 2100 kg       | 1450×1000×1600 mm    |
| SCB13-630/10/0.4     | 630            | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 13470            | 33675         | 0.5                 | 4.5           | ≤46 dB(A)  | F (155°C)        | IEC 60076             | 2400 kg       | 1500×1050×1700 mm    |
| SCB13-630/6/0.4      | 630            | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 13470            | 33675         | 0.5                 | 4.5           | ≤46 dB(A)  | F (155°C)        | IEC 60076             | 2400 kg       | 1500×1050×1700 mm    |
| SCB13-630/35/0.4     | 630            | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 13470            | 33675         | 0.5                 | 4.5           | ≤46 dB(A)  | F (155°C)        | IEC 60076             | 2400 kg       | 1500×1050×1700 mm    |
| SCB13-630/10/0.48    | 630            | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 13470            | 33675         | 0.5                 | 4.5           | ≤46 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 2400 kg       | 1500×1050×1700 mm    |
| SCB13-630/10/0.22    | 630            | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 13470            | 33675         | 0.5                 | 4.5           | ≤46 dB(A)  | F (155°C)        | IEC 60076             | 2400 kg       | 1500×1050×1700 mm    |
| SCB13-630/0.48/0.208 | 630            | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 13470            | 33675         | 0.5                 | 4.5           | ≤46 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 2400 kg       | 1500×1050×1700 mm    |
| SCB13-800/10/0.4     | 800            | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 16000            | 40000         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEC 60076             | 2700 kg       | 1550×1080×1800 mm    |
| SCB13-800/6/0.4      | 800            | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 16000            | 40000         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEC 60076             | 2700 kg       | 1550×1080×1800 mm    |
| SCB13-800/35/0.4     | 800            | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 16000            | 40000         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEC 60076             | 2700 kg       | 1550×1080×1800 mm    |
| SCB13-800/10/0.48    | 800            | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 16000            | 40000         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 2700 kg       | 1550×1080×1800 mm    |
| SCB13-800/10/0.22    | 800            | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 16000            | 40000         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEC 60076             | 2700 kg       | 1550×1080×1800 mm    |
| SCB13-800/0.48/0.208 | 800            | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 16000            | 40000         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 2700 kg       | 1550×1080×1800 mm    |
| SCB13-1000/10/0.4    | 1000           | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 18790            | 46975         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEC 60076             | 3000 kg       | 1600×1100×1850 mm    |
| SCB13-1000/6/0.4     | 1000           | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 18790            | 46975         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEC 60076             | 3000 kg       | 1600×1100×1850 mm    |
| SCB13-1000/35/0.4    | 1000           | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AN/AF   | 18790            | 46975         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEC 60076             | 3000 kg       | 1600×1100×1850 mm    |
| SCB13-1000/10/0.48   | 1000           | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AN/AF   | 18790            | 46975         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 3000 kg       | 1600×1100×1850 mm    |

| Model                 | Rated Capacity | HV Voltage | LV Voltage | Connection           | Cooling | No-load Loss (W) | Load Loss (W) | No-load Current (%) | Impedance (%) | Noise (dB) | Insulation Class | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|-----------------------|----------------|------------|------------|----------------------|---------|------------------|---------------|---------------------|---------------|------------|------------------|-----------------------|---------------|----------------------|
| SCB13-1000/10/0.22    | 1000           | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AN/AF   | 18790            | 46975         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEC 60076             | 3000 kg       | 1600×1100×1850 mm    |
| SCB13-1000/0.48/0.208 | 1000           | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AN/AF   | 18790            | 46975         | 0.5                 | 6             | ≤47 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 3000 kg       | 1600×1100×1850 mm    |
| SCB13-1250/10/0.4     | 1250           | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 22070            | 55175         | 0.5                 | 6             | ≤48 dB(A)  | F (155°C)        | IEC 60076             | 3500 kg       | 1700×1150×1950 mm    |
| SCB13-1250/6/0.4      | 1250           | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AF      | 22070            | 55175         | 0.5                 | 6             | ≤48 dB(A)  | F (155°C)        | IEC 60076             | 3500 kg       | 1700×1150×1950 mm    |
| SCB13-1250/35/0.4     | 1250           | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 22070            | 55175         | 0.5                 | 6             | ≤48 dB(A)  | F (155°C)        | IEC 60076             | 3500 kg       | 1700×1150×1950 mm    |
| SCB13-1250/10/0.48    | 1250           | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AF      | 22070            | 55175         | 0.5                 | 6             | ≤48 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 3500 kg       | 1700×1150×1950 mm    |
| SCB13-1250/10/0.22    | 1250           | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AF      | 22070            | 55175         | 0.5                 | 6             | ≤48 dB(A)  | F (155°C)        | IEC 60076             | 3500 kg       | 1700×1150×1950 mm    |
| SCB13-1250/0.48/0.208 | 1250           | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AF      | 22070            | 55175         | 0.5                 | 6             | ≤48 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 3500 kg       | 1700×1150×1950 mm    |
| SCB13-1600/10/0.4     | 1600           | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 26360            | 65900         | 0.5                 | 6             | ≤49 dB(A)  | F (155°C)        | IEC 60076             | 4100 kg       | 1800×1200×2050 mm    |
| SCB13-1600/6/0.4      | 1600           | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AF      | 26360            | 65900         | 0.5                 | 6             | ≤49 dB(A)  | F (155°C)        | IEC 60076             | 4100 kg       | 1800×1200×2050 mm    |
| SCB13-1600/35/0.4     | 1600           | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 26360            | 65900         | 0.5                 | 6             | ≤49 dB(A)  | F (155°C)        | IEC 60076             | 4100 kg       | 1800×1200×2050 mm    |
| SCB13-1600/10/0.48    | 1600           | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AF      | 26360            | 65900         | 0.5                 | 6             | ≤49 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 4100 kg       | 1800×1200×2050 mm    |
| SCB13-1600/10/0.22    | 1600           | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AF      | 26360            | 65900         | 0.5                 | 6             | ≤49 dB(A)  | F (155°C)        | IEC 60076             | 4100 kg       | 1800×1200×2050 mm    |
| SCB13-1600/0.48/0.208 | 1600           | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AF      | 26360            | 65900         | 0.5                 | 6             | ≤49 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 4100 kg       | 1800×1200×2050 mm    |
| SCB13-2000/10/0.4     | 2000           | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 30950            | 77375         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEC 60076             | 4800 kg       | 1900×1250×2150 mm    |
| SCB13-2000/6/0.4      | 2000           | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AF      | 30950            | 77375         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEC 60076             | 4800 kg       | 1900×1250×2150 mm    |
| SCB13-2000/35/0.4     | 2000           | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 30950            | 77375         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEC 60076             | 4800 kg       | 1900×1250×2150 mm    |

| Model                 | Rated Capacity | HV Voltage | LV Voltage | Connection           | Cooling | No-load Loss (W) | Load Loss (W) | No-load Current (%) | Impedance (%) | Noise (dB) | Insulation Class | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|-----------------------|----------------|------------|------------|----------------------|---------|------------------|---------------|---------------------|---------------|------------|------------------|-----------------------|---------------|----------------------|
| SCB13-2000/10/0.48    | 2000           | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AF      | 30950            | 77375         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 4800 kg       | 1900×1250×2150 mm    |
| SCB13-2000/10/0.22    | 2000           | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AF      | 30950            | 77375         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEC 60076             | 4800 kg       | 1900×1250×2150 mm    |
| SCB13-2000/0.48/0.208 | 2000           | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AF      | 30950            | 77375         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 4800 kg       | 1900×1250×2150 mm    |
| SCB13-2500/10/0.4     | 2500           | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 36350            | 90875         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEC 60076             | 5800 kg       | 2000×1300×2250 mm    |
| SCB13-2500/6/0.4      | 2500           | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AF      | 36350            | 90875         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEC 60076             | 5800 kg       | 2000×1300×2250 mm    |
| SCB13-2500/35/0.4     | 2500           | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 36350            | 90875         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEC 60076             | 5800 kg       | 2000×1300×2250 mm    |
| SCB13-2500/10/0.48    | 2500           | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AF      | 36350            | 90875         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 5800 kg       | 2000×1300×2250 mm    |
| SCB13-2500/10/0.22    | 2500           | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AF      | 36350            | 90875         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEC 60076             | 5800 kg       | 2000×1300×2250 mm    |
| SCB13-2500/0.48/0.208 | 2500           | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AF      | 36350            | 90875         | 0.4                 | 6             | ≤50 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 5800 kg       | 2000×1300×2250 mm    |
| SCB13-3150/10/0.4     | 3150           | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 42930            | 107325        | 0.4                 | 7             | ≤51 dB(A)  | F (155°C)        | IEC 60076             | 7000 kg       | 2100×1400×2400 mm    |
| SCB13-3150/6/0.4      | 3150           | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AF      | 42930            | 107325        | 0.4                 | 7             | ≤51 dB(A)  | F (155°C)        | IEC 60076             | 7000 kg       | 2100×1400×2400 mm    |
| SCB13-3150/35/0.4     | 3150           | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 42930            | 107325        | 0.4                 | 7             | ≤51 dB(A)  | F (155°C)        | IEC 60076             | 7000 kg       | 2100×1400×2400 mm    |
| SCB13-3150/10/0.48    | 3150           | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AF      | 42930            | 107325        | 0.4                 | 7             | ≤51 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 7000 kg       | 2100×1400×2400 mm    |
| SCB13-3150/10/0.22    | 3150           | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AF      | 42930            | 107325        | 0.4                 | 7             | ≤51 dB(A)  | F (155°C)        | IEC 60076             | 7000 kg       | 2100×1400×2400 mm    |
| SCB13-3150/0.48/0.208 | 3150           | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AF      | 42930            | 107325        | 0.4                 | 7             | ≤51 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 7000 kg       | 2100×1400×2400 mm    |
| SCB13-4000/10/0.4     | 4000           | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 50980            | 127450        | 0.4                 | 7             | ≤52 dB(A)  | F (155°C)        | IEC 60076             | 8300 kg       | 2200×1500×2550 mm    |
| SCB13-4000/6/0.4      | 4000           | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AF      | 50980            | 127450        | 0.4                 | 7             | ≤52 dB(A)  | F (155°C)        | IEC 60076             | 8300 kg       | 2200×1500×2550 mm    |

| Model                 | Rated Capacity | HV Voltage | LV Voltage | Connection           | Cooling | No-load Loss (W) | Load Loss (W) | No-load Current (%) | Impedance (%) | Noise (dB) | Insulation Class | Standard              | Weight (kg) † | Dimensions (L×W×H) † |
|-----------------------|----------------|------------|------------|----------------------|---------|------------------|---------------|---------------------|---------------|------------|------------------|-----------------------|---------------|----------------------|
| SCB13-4000/35/0.4     | 4000           | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 50980            | 127450        | 0.4                 | 7             | ≤52 dB(A)  | F (155°C)        | IEC 60076             | 8300 kg       | 2200×1500×2550 mm    |
| SCB13-4000/10/0.48    | 4000           | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AF      | 50980            | 127450        | 0.4                 | 7             | ≤52 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 8300 kg       | 2200×1500×2550 mm    |
| SCB13-4000/10/0.22    | 4000           | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AF      | 50980            | 127450        | 0.4                 | 7             | ≤52 dB(A)  | F (155°C)        | IEC 60076             | 8300 kg       | 2200×1500×2550 mm    |
| SCB13-4000/0.48/0.208 | 4000           | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AF      | 50980            | 127450        | 0.4                 | 7             | ≤52 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 8300 kg       | 2200×1500×2550 mm    |
| SCB13-5000/10/0.4     | 5000           | 10 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 59870            | 149675        | 0.4                 | 7             | ≤53 dB(A)  | F (155°C)        | IEC 60076             | 10000 kg      | 2400×1600×2700 mm    |
| SCB13-5000/6/0.4      | 5000           | 6 kV       | 0.4 kV     | Dyn11 (IEC)          | AF      | 59870            | 149675        | 0.4                 | 7             | ≤53 dB(A)  | F (155°C)        | IEC 60076             | 10000 kg      | 2400×1600×2700 mm    |
| SCB13-5000/35/0.4     | 5000           | 35 kV      | 0.4 kV     | Dyn11 (IEC)          | AF      | 59870            | 149675        | 0.4                 | 7             | ≤53 dB(A)  | F (155°C)        | IEC 60076             | 10000 kg      | 2400×1600×2700 mm    |
| SCB13-5000/10/0.48    | 5000           | 10 kV      | 0.48 kV    | Delta-Wye (IEEE Std) | AF      | 59870            | 149675        | 0.4                 | 7             | ≤53 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 10000 kg      | 2400×1600×2700 mm    |
| SCB13-5000/10/0.22    | 5000           | 10 kV      | 0.22 kV    | Dyn11 (IEC)          | AF      | 59870            | 149675        | 0.4                 | 7             | ≤53 dB(A)  | F (155°C)        | IEC 60076             | 10000 kg      | 2400×1600×2700 mm    |
| SCB13-5000/0.48/0.208 | 5000           | 0.48 kV    | 0.208 kV   | Delta-Wye (IEEE Std) | AF      | 59870            | 149675        | 0.4                 | 7             | ≤53 dB(A)  | F (155°C)        | IEEE C57 / ANSI C84.1 | 10000 kg      | 2400×1600×2700 mm    |

† Typical values, subject to confirmation. Final dimensions and weights are per factory GA drawings and routine test reports.

# Standards & Certification

ISO 9001 Certified — Quality Management System  
CE marking — available on selected models  
Design and testing per IEC 60076, IEC 60076-11 (dry-type), IEC 61330 (substations), GB 1094 and related international standards.

*Note: Certification details and test reports are provided upon request for the specific model and destination market.*

# Inquiry & Contact

|          |                                                                                                               |
|----------|---------------------------------------------------------------------------------------------------------------|
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*QDTB® guarantees a response within 24 hours on business days. Send your model, capacity, voltage and quantity for a detailed quotation.*