

QDTB® TRANSFORMER

SCB15

Dry-Type Transformers

PRODUCT DATASHEET

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SCB15 — Series Overview

The SCB15 series represents the highest energy efficiency class, achieving Level 5 rating with exceptional performance and minimal energy waste. Rated 10–5000 kVA, 0.48–35 kV primary and 0.208–0.48 kV secondary, Class F/H 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 5 energy efficiency rating (highest class)
- Minimal no-load and load losses
- Premium insulation system
- Optimal for sustainable development projects

Typical Applications

- LEED-certified buildings
- Zero-carbon facilities
- Premium commercial spaces
- Research institutions

Model Number Breakdown

- S — Three-phase power transformer
- C — Cast resin insulation, dry-type transformer
- B — Foil-wound winding structure
- 15 — Performance level designation, corresponds to Level 5 energy efficiency standard

Model Specifications

162 model(s) in the SCB15 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) †
SCB15-10/10/0.4	10	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	490	1225	1.9	4	≤36 dB(A)	H (180°C)	IEC 60076	300 kg	700×500×800 mm
SCB15-10/6/0.4	10	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	490	1225	1.9	4	≤36 dB(A)	H (180°C)	IEC 60076	300 kg	700×500×800 mm
SCB15-10/35/0.4	10	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	490	1225	1.9	4	≤36 dB(A)	H (180°C)	IEC 60076	300 kg	700×500×800 mm
SCB15-10/10/0.48	10	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	490	1225	1.9	4	≤36 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	300 kg	700×500×800 mm
SCB15-10/10/0.22	10	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	490	1225	1.9	4	≤36 dB(A)	H (180°C)	IEC 60076	300 kg	700×500×800 mm
SCB15-10/0.48/0.208	10	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	490	1225	1.9	4	≤36 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	300 kg	700×500×800 mm
SCB15-15/10/0.4	15	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	660	1650	1.6	4	≤36 dB(A)	H (180°C)	IEC 60076	340 kg	740×525×850 mm
SCB15-15/6/0.4	15	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	660	1650	1.6	4	≤36 dB(A)	H (180°C)	IEC 60076	340 kg	740×525×850 mm
SCB15-15/35/0.4	15	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	660	1650	1.6	4	≤36 dB(A)	H (180°C)	IEC 60076	340 kg	740×525×850 mm
SCB15-15/10/0.48	15	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	660	1650	1.6	4	≤36 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	340 kg	740×525×850 mm
SCB15-15/10/0.22	15	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	660	1650	1.6	4	≤36 dB(A)	H (180°C)	IEC 60076	340 kg	740×525×850 mm
SCB15-15/0.48/0.208	15	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	660	1650	1.6	4	≤36 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	340 kg	740×525×850 mm
SCB15-20/10/0.4	20	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	810	2025	1.5	4	≤37 dB(A)	H (180°C)	IEC 60076	380 kg	780×550×900 mm
SCB15-20/6/0.4	20	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	810	2025	1.5	4	≤37 dB(A)	H (180°C)	IEC 60076	380 kg	780×550×900 mm
SCB15-20/35/0.4	20	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	810	2025	1.5	4	≤37 dB(A)	H (180°C)	IEC 60076	380 kg	780×550×900 mm
SCB15-20/10/0.48	20	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	810	2025	1.5	4	≤37 dB(A)	H (180°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) †
SCB15-20/10/0.22	20	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	810	2025	1.5	4	≤37 dB(A)	H (180°C)	IEC 60076	380 kg	780×550×900 mm
SCB15-20/0.48/0.208	20	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	810	2025	1.5	4	≤37 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	380 kg	780×550×900 mm
SCB15-25/10/0.4	25	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	950	2375	1.4	4	≤37 dB(A)	H (180°C)	IEC 60076	420 kg	830×585×940 mm
SCB15-25/6/0.4	25	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	950	2375	1.4	4	≤37 dB(A)	H (180°C)	IEC 60076	420 kg	830×585×940 mm
SCB15-25/35/0.4	25	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	950	2375	1.4	4	≤37 dB(A)	H (180°C)	IEC 60076	420 kg	830×585×940 mm
SCB15-25/10/0.48	25	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	950	2375	1.4	4	≤37 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	420 kg	830×585×940 mm
SCB15-25/10/0.22	25	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	950	2375	1.4	4	≤37 dB(A)	H (180°C)	IEC 60076	420 kg	830×585×940 mm
SCB15-25/0.48/0.208	25	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	950	2375	1.4	4	≤37 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	420 kg	830×585×940 mm
SCB15-30/10/0.4	30	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1080	2700	1.3	4	≤37 dB(A)	H (180°C)	IEC 60076	460 kg	880×620×980 mm
SCB15-30/6/0.4	30	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1080	2700	1.3	4	≤37 dB(A)	H (180°C)	IEC 60076	460 kg	880×620×980 mm
SCB15-30/35/0.4	30	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1080	2700	1.3	4	≤37 dB(A)	H (180°C)	IEC 60076	460 kg	880×620×980 mm
SCB15-30/10/0.48	30	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	1080	2700	1.3	4	≤37 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	460 kg	880×620×980 mm
SCB15-30/10/0.22	30	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	1080	2700	1.3	4	≤37 dB(A)	H (180°C)	IEC 60076	460 kg	880×620×980 mm
SCB15-30/0.48/0.208	30	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	1080	2700	1.3	4	≤37 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	460 kg	880×620×980 mm
SCB15-40/10/0.4	40	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1330	3325	1.2	4	≤38 dB(A)	H (180°C)	IEC 60076	510 kg	940×690×1040 mm
SCB15-40/6/0.4	40	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1330	3325	1.2	4	≤38 dB(A)	H (180°C)	IEC 60076	510 kg	940×690×1040 mm
SCB15-40/35/0.4	40	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1330	3325	1.2	4	≤38 dB(A)	H (180°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) †
SCB15-40/10/0.48	40	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	1330	3325	1.2	4	≤38 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	510 kg	940×690×1040 mm
SCB15-40/10/0.22	40	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	1330	3325	1.2	4	≤38 dB(A)	H (180°C)	IEC 60076	510 kg	940×690×1040 mm
SCB15-40/0.48/0.208	40	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	1330	3325	1.2	4	≤38 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	510 kg	940×690×1040 mm
SCB15-50/10/0.4	50	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1570	3925	1.1	4	≤38 dB(A)	H (180°C)	IEC 60076	560 kg	1000×760×1100 mm
SCB15-50/6/0.4	50	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1570	3925	1.1	4	≤38 dB(A)	H (180°C)	IEC 60076	560 kg	1000×760×1100 mm
SCB15-50/35/0.4	50	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1570	3925	1.1	4	≤38 dB(A)	H (180°C)	IEC 60076	560 kg	1000×760×1100 mm
SCB15-50/10/0.48	50	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	1570	3925	1.1	4	≤38 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	560 kg	1000×760×1100 mm
SCB15-50/10/0.22	50	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	1570	3925	1.1	4	≤38 dB(A)	H (180°C)	IEC 60076	560 kg	1000×760×1100 mm
SCB15-50/0.48/0.208	50	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	1570	3925	1.1	4	≤38 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	560 kg	1000×760×1100 mm
SCB15-63/10/0.4	63	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1850	4625	1	4	≤39 dB(A)	H (180°C)	IEC 60076	620 kg	1020×775×1135 mm
SCB15-63/6/0.4	63	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1850	4625	1	4	≤39 dB(A)	H (180°C)	IEC 60076	620 kg	1020×775×1135 mm
SCB15-63/35/0.4	63	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	1850	4625	1	4	≤39 dB(A)	H (180°C)	IEC 60076	620 kg	1020×775×1135 mm
SCB15-63/10/0.48	63	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	1850	4625	1	4	≤39 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	620 kg	1020×775×1135 mm
SCB15-63/10/0.22	63	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	1850	4625	1	4	≤39 dB(A)	H (180°C)	IEC 60076	620 kg	1020×775×1135 mm
SCB15-63/0.48/0.208	63	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	1850	4625	1	4	≤39 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	620 kg	1020×775×1135 mm
SCB15-80/10/0.4	80	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	2200	5500	0.9	4	≤40 dB(A)	H (180°C)	IEC 60076	700 kg	1050×800×1180 mm
SCB15-80/6/0.4	80	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	2200	5500	0.9	4	≤40 dB(A)	H (180°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) †
SCB15-80/35/0.4	80	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	2200	5500	0.9	4	≤40 dB(A)	H (180°C)	IEC 60076	700 kg	1050×800×1180 mm
SCB15-80/10/0.48	80	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	2200	5500	0.9	4	≤40 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	700 kg	1050×800×1180 mm
SCB15-80/10/0.22	80	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	2200	5500	0.9	4	≤40 dB(A)	H (180°C)	IEC 60076	700 kg	1050×800×1180 mm
SCB15-80/0.48/0.208	80	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	2200	5500	0.9	4	≤40 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	700 kg	1050×800×1180 mm
SCB15-100/10/0.4	100	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	2580	6450	0.9	4	≤40 dB(A)	H (180°C)	IEC 60076	800 kg	1100×800×1250 mm
SCB15-100/6/0.4	100	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	2580	6450	0.9	4	≤40 dB(A)	H (180°C)	IEC 60076	800 kg	1100×800×1250 mm
SCB15-100/35/0.4	100	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	2580	6450	0.9	4	≤40 dB(A)	H (180°C)	IEC 60076	800 kg	1100×800×1250 mm
SCB15-100/10/0.48	100	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	2580	6450	0.9	4	≤40 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	800 kg	1100×800×1250 mm
SCB15-100/10/0.22	100	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	2580	6450	0.9	4	≤40 dB(A)	H (180°C)	IEC 60076	800 kg	1100×800×1250 mm
SCB15-100/0.48/0.208	100	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	2580	6450	0.9	4	≤40 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	800 kg	1100×800×1250 mm
SCB15-125/10/0.4	125	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	3030	7575	0.8	4.5	≤41 dB(A)	H (180°C)	IEC 60076	900 kg	1150×820×1300 mm
SCB15-125/6/0.4	125	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	3030	7575	0.8	4.5	≤41 dB(A)	H (180°C)	IEC 60076	900 kg	1150×820×1300 mm
SCB15-125/35/0.4	125	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	3030	7575	0.8	4.5	≤41 dB(A)	H (180°C)	IEC 60076	900 kg	1150×820×1300 mm
SCB15-125/10/0.48	125	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	3030	7575	0.8	4.5	≤41 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	900 kg	1150×820×1300 mm
SCB15-125/10/0.22	125	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	3030	7575	0.8	4.5	≤41 dB(A)	H (180°C)	IEC 60076	900 kg	1150×820×1300 mm
SCB15-125/0.48/0.208	125	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	3030	7575	0.8	4.5	≤41 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	900 kg	1150×820×1300 mm
SCB15-160/10/0.4	160	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	3620	9050	0.8	4.5	≤41 dB(A)	H (180°C)	IEC 60076	1050 kg	1200×850×1350 mm

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SCB15-160/6/0.4	160	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	3620	9050	0.8	4.5	≤41 dB(A)	H (180°C)	IEC 60076	1050 kg	1200×850×1350 mm
SCB15-160/35/0.4	160	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	3620	9050	0.8	4.5	≤41 dB(A)	H (180°C)	IEC 60076	1050 kg	1200×850×1350 mm
SCB15-160/10/0.48	160	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	3620	9050	0.8	4.5	≤41 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1050 kg	1200×850×1350 mm
SCB15-160/10/0.22	160	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	3620	9050	0.8	4.5	≤41 dB(A)	H (180°C)	IEC 60076	1050 kg	1200×850×1350 mm
SCB15-160/0.48/0.208	160	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	3620	9050	0.8	4.5	≤41 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1050 kg	1200×850×1350 mm
SCB15-200/10/0.4	200	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	4250	10625	0.7	4.5	≤42 dB(A)	H (180°C)	IEC 60076	1200 kg	1250×880×1400 mm
SCB15-200/6/0.4	200	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	4250	10625	0.7	4.5	≤42 dB(A)	H (180°C)	IEC 60076	1200 kg	1250×880×1400 mm
SCB15-200/35/0.4	200	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	4250	10625	0.7	4.5	≤42 dB(A)	H (180°C)	IEC 60076	1200 kg	1250×880×1400 mm
SCB15-200/10/0.48	200	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	4250	10625	0.7	4.5	≤42 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1200 kg	1250×880×1400 mm
SCB15-200/10/0.22	200	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	4250	10625	0.7	4.5	≤42 dB(A)	H (180°C)	IEC 60076	1200 kg	1250×880×1400 mm
SCB15-200/0.48/0.208	200	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	4250	10625	0.7	4.5	≤42 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1200 kg	1250×880×1400 mm
SCB15-250/10/0.4	250	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	4990	12475	0.7	4.5	≤43 dB(A)	H (180°C)	IEC 60076	1350 kg	1300×900×1450 mm
SCB15-250/6/0.4	250	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	4990	12475	0.7	4.5	≤43 dB(A)	H (180°C)	IEC 60076	1350 kg	1300×900×1450 mm
SCB15-250/35/0.4	250	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	4990	12475	0.7	4.5	≤43 dB(A)	H (180°C)	IEC 60076	1350 kg	1300×900×1450 mm
SCB15-250/10/0.48	250	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	4990	12475	0.7	4.5	≤43 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1350 kg	1300×900×1450 mm
SCB15-250/10/0.22	250	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	4990	12475	0.7	4.5	≤43 dB(A)	H (180°C)	IEC 60076	1350 kg	1300×900×1450 mm
SCB15-250/0.48/0.208	250	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	4990	12475	0.7	4.5	≤43 dB(A)	H (180°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) †
SCB15-315/10/0.4	315	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	5890	14725	0.6	4.5	≤43 dB(A)	H (180°C)	IEC 60076	1550 kg	1350×950×1500 mm
SCB15-315/6/0.4	315	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	5890	14725	0.6	4.5	≤43 dB(A)	H (180°C)	IEC 60076	1550 kg	1350×950×1500 mm
SCB15-315/35/0.4	315	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	5890	14725	0.6	4.5	≤43 dB(A)	H (180°C)	IEC 60076	1550 kg	1350×950×1500 mm
SCB15-315/10/0.48	315	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	5890	14725	0.6	4.5	≤43 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1550 kg	1350×950×1500 mm
SCB15-315/10/0.22	315	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	5890	14725	0.6	4.5	≤43 dB(A)	H (180°C)	IEC 60076	1550 kg	1350×950×1500 mm
SCB15-315/0.48/0.208	315	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	5890	14725	0.6	4.5	≤43 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1550 kg	1350×950×1500 mm
SCB15-400/10/0.4	400	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	6990	17475	0.6	4.5	≤44 dB(A)	H (180°C)	IEC 60076	1800 kg	1400×980×1550 mm
SCB15-400/6/0.4	400	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	6990	17475	0.6	4.5	≤44 dB(A)	H (180°C)	IEC 60076	1800 kg	1400×980×1550 mm
SCB15-400/35/0.4	400	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	6990	17475	0.6	4.5	≤44 dB(A)	H (180°C)	IEC 60076	1800 kg	1400×980×1550 mm
SCB15-400/10/0.48	400	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	6990	17475	0.6	4.5	≤44 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1800 kg	1400×980×1550 mm
SCB15-400/10/0.22	400	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	6990	17475	0.6	4.5	≤44 dB(A)	H (180°C)	IEC 60076	1800 kg	1400×980×1550 mm
SCB15-400/0.48/0.208	400	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	6990	17475	0.6	4.5	≤44 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1800 kg	1400×980×1550 mm
SCB15-500/10/0.4	500	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	8210	20525	0.6	4.5	≤45 dB(A)	H (180°C)	IEC 60076	2100 kg	1450×1000×1600 mm
SCB15-500/6/0.4	500	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	8210	20525	0.6	4.5	≤45 dB(A)	H (180°C)	IEC 60076	2100 kg	1450×1000×1600 mm
SCB15-500/35/0.4	500	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	8210	20525	0.6	4.5	≤45 dB(A)	H (180°C)	IEC 60076	2100 kg	1450×1000×1600 mm
SCB15-500/10/0.48	500	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	8210	20525	0.6	4.5	≤45 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	2100 kg	1450×1000×1600 mm
SCB15-500/10/0.22	500	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	8210	20525	0.6	4.5	≤45 dB(A)	H (180°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) †
SCB15-500/0.48/0.208	500	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	8210	20525	0.6	4.5	≤45 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	2100 kg	1450×1000×1600 mm
SCB15-630/10/0.4	630	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	9700	24250	0.5	4.5	≤46 dB(A)	H (180°C)	IEC 60076	2400 kg	1500×1050×1700 mm
SCB15-630/6/0.4	630	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	9700	24250	0.5	4.5	≤46 dB(A)	H (180°C)	IEC 60076	2400 kg	1500×1050×1700 mm
SCB15-630/35/0.4	630	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	9700	24250	0.5	4.5	≤46 dB(A)	H (180°C)	IEC 60076	2400 kg	1500×1050×1700 mm
SCB15-630/10/0.48	630	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	9700	24250	0.5	4.5	≤46 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	2400 kg	1500×1050×1700 mm
SCB15-630/10/0.22	630	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	9700	24250	0.5	4.5	≤46 dB(A)	H (180°C)	IEC 60076	2400 kg	1500×1050×1700 mm
SCB15-630/0.48/0.208	630	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	9700	24250	0.5	4.5	≤46 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	2400 kg	1500×1050×1700 mm
SCB15-800/10/0.4	800	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	11520	28800	0.5	6	≤47 dB(A)	H (180°C)	IEC 60076	2700 kg	1550×1080×1800 mm
SCB15-800/6/0.4	800	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	11520	28800	0.5	6	≤47 dB(A)	H (180°C)	IEC 60076	2700 kg	1550×1080×1800 mm
SCB15-800/35/0.4	800	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	11520	28800	0.5	6	≤47 dB(A)	H (180°C)	IEC 60076	2700 kg	1550×1080×1800 mm
SCB15-800/10/0.48	800	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	11520	28800	0.5	6	≤47 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	2700 kg	1550×1080×1800 mm
SCB15-800/10/0.22	800	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	11520	28800	0.5	6	≤47 dB(A)	H (180°C)	IEC 60076	2700 kg	1550×1080×1800 mm
SCB15-800/0.48/0.208	800	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	11520	28800	0.5	6	≤47 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	2700 kg	1550×1080×1800 mm
SCB15-1000/10/0.4	1000	10 kV	0.4 kV	Dyn11 (IEC)	AN/AF	13530	33825	0.5	6	≤47 dB(A)	H (180°C)	IEC 60076	3000 kg	1600×1100×1850 mm
SCB15-1000/6/0.4	1000	6 kV	0.4 kV	Dyn11 (IEC)	AN/AF	13530	33825	0.5	6	≤47 dB(A)	H (180°C)	IEC 60076	3000 kg	1600×1100×1850 mm
SCB15-1000/35/0.4	1000	35 kV	0.4 kV	Dyn11 (IEC)	AN/AF	13530	33825	0.5	6	≤47 dB(A)	H (180°C)	IEC 60076	3000 kg	1600×1100×1850 mm
SCB15-1000/10/0.48	1000	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AN/AF	13530	33825	0.5	6	≤47 dB(A)	H (180°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) †
SCB15-1000/10/0.22	1000	10 kV	0.22 kV	Dyn11 (IEC)	AN/AF	13530	33825	0.5	6	≤47 dB(A)	H (180°C)	IEC 60076	3000 kg	1600×1100×1850 mm
SCB15-1000/0.48/0.208	1000	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN/AF	13530	33825	0.5	6	≤47 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	3000 kg	1600×1100×1850 mm
SCB15-1250/10/0.4	1250	10 kV	0.4 kV	Dyn11 (IEC)	AF	15890	39725	0.5	6	≤48 dB(A)	H (180°C)	IEC 60076	3500 kg	1700×1150×1950 mm
SCB15-1250/6/0.4	1250	6 kV	0.4 kV	Dyn11 (IEC)	AF	15890	39725	0.5	6	≤48 dB(A)	H (180°C)	IEC 60076	3500 kg	1700×1150×1950 mm
SCB15-1250/35/0.4	1250	35 kV	0.4 kV	Dyn11 (IEC)	AF	15890	39725	0.5	6	≤48 dB(A)	H (180°C)	IEC 60076	3500 kg	1700×1150×1950 mm
SCB15-1250/10/0.48	1250	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AF	15890	39725	0.5	6	≤48 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	3500 kg	1700×1150×1950 mm
SCB15-1250/10/0.22	1250	10 kV	0.22 kV	Dyn11 (IEC)	AF	15890	39725	0.5	6	≤48 dB(A)	H (180°C)	IEC 60076	3500 kg	1700×1150×1950 mm
SCB15-1250/0.48/0.208	1250	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AF	15890	39725	0.5	6	≤48 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	3500 kg	1700×1150×1950 mm
SCB15-1600/10/0.4	1600	10 kV	0.4 kV	Dyn11 (IEC)	AF	18980	47450	0.5	6	≤49 dB(A)	H (180°C)	IEC 60076	4100 kg	1800×1200×2050 mm
SCB15-1600/6/0.4	1600	6 kV	0.4 kV	Dyn11 (IEC)	AF	18980	47450	0.5	6	≤49 dB(A)	H (180°C)	IEC 60076	4100 kg	1800×1200×2050 mm
SCB15-1600/35/0.4	1600	35 kV	0.4 kV	Dyn11 (IEC)	AF	18980	47450	0.5	6	≤49 dB(A)	H (180°C)	IEC 60076	4100 kg	1800×1200×2050 mm
SCB15-1600/10/0.48	1600	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AF	18980	47450	0.5	6	≤49 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	4100 kg	1800×1200×2050 mm
SCB15-1600/10/0.22	1600	10 kV	0.22 kV	Dyn11 (IEC)	AF	18980	47450	0.5	6	≤49 dB(A)	H (180°C)	IEC 60076	4100 kg	1800×1200×2050 mm
SCB15-1600/0.48/0.208	1600	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AF	18980	47450	0.5	6	≤49 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	4100 kg	1800×1200×2050 mm
SCB15-2000/10/0.4	2000	10 kV	0.4 kV	Dyn11 (IEC)	AF	22290	55725	0.4	6	≤50 dB(A)	H (180°C)	IEC 60076	4800 kg	1900×1250×2150 mm
SCB15-2000/6/0.4	2000	6 kV	0.4 kV	Dyn11 (IEC)	AF	22290	55725	0.4	6	≤50 dB(A)	H (180°C)	IEC 60076	4800 kg	1900×1250×2150 mm
SCB15-2000/35/0.4	2000	35 kV	0.4 kV	Dyn11 (IEC)	AF	22290	55725	0.4	6	≤50 dB(A)	H (180°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) †
SCB15-2000/10/0.48	2000	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AF	22290	55725	0.4	6	≤50 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	4800 kg	1900×1250×2150 mm
SCB15-2000/10/0.22	2000	10 kV	0.22 kV	Dyn11 (IEC)	AF	22290	55725	0.4	6	≤50 dB(A)	H (180°C)	IEC 60076	4800 kg	1900×1250×2150 mm
SCB15-2000/0.48/0.208	2000	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AF	22290	55725	0.4	6	≤50 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	4800 kg	1900×1250×2150 mm
SCB15-2500/10/0.4	2500	10 kV	0.4 kV	Dyn11 (IEC)	AF	26170	65425	0.4	6	≤50 dB(A)	H (180°C)	IEC 60076	5800 kg	2000×1300×2250 mm
SCB15-2500/6/0.4	2500	6 kV	0.4 kV	Dyn11 (IEC)	AF	26170	65425	0.4	6	≤50 dB(A)	H (180°C)	IEC 60076	5800 kg	2000×1300×2250 mm
SCB15-2500/35/0.4	2500	35 kV	0.4 kV	Dyn11 (IEC)	AF	26170	65425	0.4	6	≤50 dB(A)	H (180°C)	IEC 60076	5800 kg	2000×1300×2250 mm
SCB15-2500/10/0.48	2500	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AF	26170	65425	0.4	6	≤50 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	5800 kg	2000×1300×2250 mm
SCB15-2500/10/0.22	2500	10 kV	0.22 kV	Dyn11 (IEC)	AF	26170	65425	0.4	6	≤50 dB(A)	H (180°C)	IEC 60076	5800 kg	2000×1300×2250 mm
SCB15-2500/0.48/0.208	2500	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AF	26170	65425	0.4	6	≤50 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	5800 kg	2000×1300×2250 mm
SCB15-3150/10/0.4	3150	10 kV	0.4 kV	Dyn11 (IEC)	AF	30910	77275	0.4	7	≤51 dB(A)	H (180°C)	IEC 60076	7000 kg	2100×1400×2400 mm
SCB15-3150/6/0.4	3150	6 kV	0.4 kV	Dyn11 (IEC)	AF	30910	77275	0.4	7	≤51 dB(A)	H (180°C)	IEC 60076	7000 kg	2100×1400×2400 mm
SCB15-3150/35/0.4	3150	35 kV	0.4 kV	Dyn11 (IEC)	AF	30910	77275	0.4	7	≤51 dB(A)	H (180°C)	IEC 60076	7000 kg	2100×1400×2400 mm
SCB15-3150/10/0.48	3150	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AF	30910	77275	0.4	7	≤51 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	7000 kg	2100×1400×2400 mm
SCB15-3150/10/0.22	3150	10 kV	0.22 kV	Dyn11 (IEC)	AF	30910	77275	0.4	7	≤51 dB(A)	H (180°C)	IEC 60076	7000 kg	2100×1400×2400 mm
SCB15-3150/0.48/0.208	3150	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AF	30910	77275	0.4	7	≤51 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	7000 kg	2100×1400×2400 mm
SCB15-4000/10/0.4	4000	10 kV	0.4 kV	Dyn11 (IEC)	AF	36710	91775	0.4	7	≤52 dB(A)	H (180°C)	IEC 60076	8300 kg	2200×1500×2550 mm
SCB15-4000/6/0.4	4000	6 kV	0.4 kV	Dyn11 (IEC)	AF	36710	91775	0.4	7	≤52 dB(A)	H (180°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) †
SCB15-4000/35/0.4	4000	35 kV	0.4 kV	Dyn11 (IEC)	AF	36710	91775	0.4	7	≤52 dB(A)	H (180°C)	IEC 60076	8300 kg	2200×1500×2550 mm
SCB15-4000/10/0.48	4000	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AF	36710	91775	0.4	7	≤52 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	8300 kg	2200×1500×2550 mm
SCB15-4000/10/0.22	4000	10 kV	0.22 kV	Dyn11 (IEC)	AF	36710	91775	0.4	7	≤52 dB(A)	H (180°C)	IEC 60076	8300 kg	2200×1500×2550 mm
SCB15-4000/0.48/0.208	4000	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AF	36710	91775	0.4	7	≤52 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	8300 kg	2200×1500×2550 mm
SCB15-5000/10/0.4	5000	10 kV	0.4 kV	Dyn11 (IEC)	AF	43110	107775	0.4	7	≤53 dB(A)	H (180°C)	IEC 60076	10000 kg	2400×1600×2700 mm
SCB15-5000/6/0.4	5000	6 kV	0.4 kV	Dyn11 (IEC)	AF	43110	107775	0.4	7	≤53 dB(A)	H (180°C)	IEC 60076	10000 kg	2400×1600×2700 mm
SCB15-5000/35/0.4	5000	35 kV	0.4 kV	Dyn11 (IEC)	AF	43110	107775	0.4	7	≤53 dB(A)	H (180°C)	IEC 60076	10000 kg	2400×1600×2700 mm
SCB15-5000/10/0.48	5000	10 kV	0.48 kV	Delta-Wye (IEEE Std)	AF	43110	107775	0.4	7	≤53 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	10000 kg	2400×1600×2700 mm
SCB15-5000/10/0.22	5000	10 kV	0.22 kV	Dyn11 (IEC)	AF	43110	107775	0.4	7	≤53 dB(A)	H (180°C)	IEC 60076	10000 kg	2400×1600×2700 mm
SCB15-5000/0.48/0.208	5000	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AF	43110	107775	0.4	7	≤53 dB(A)	H (180°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.

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