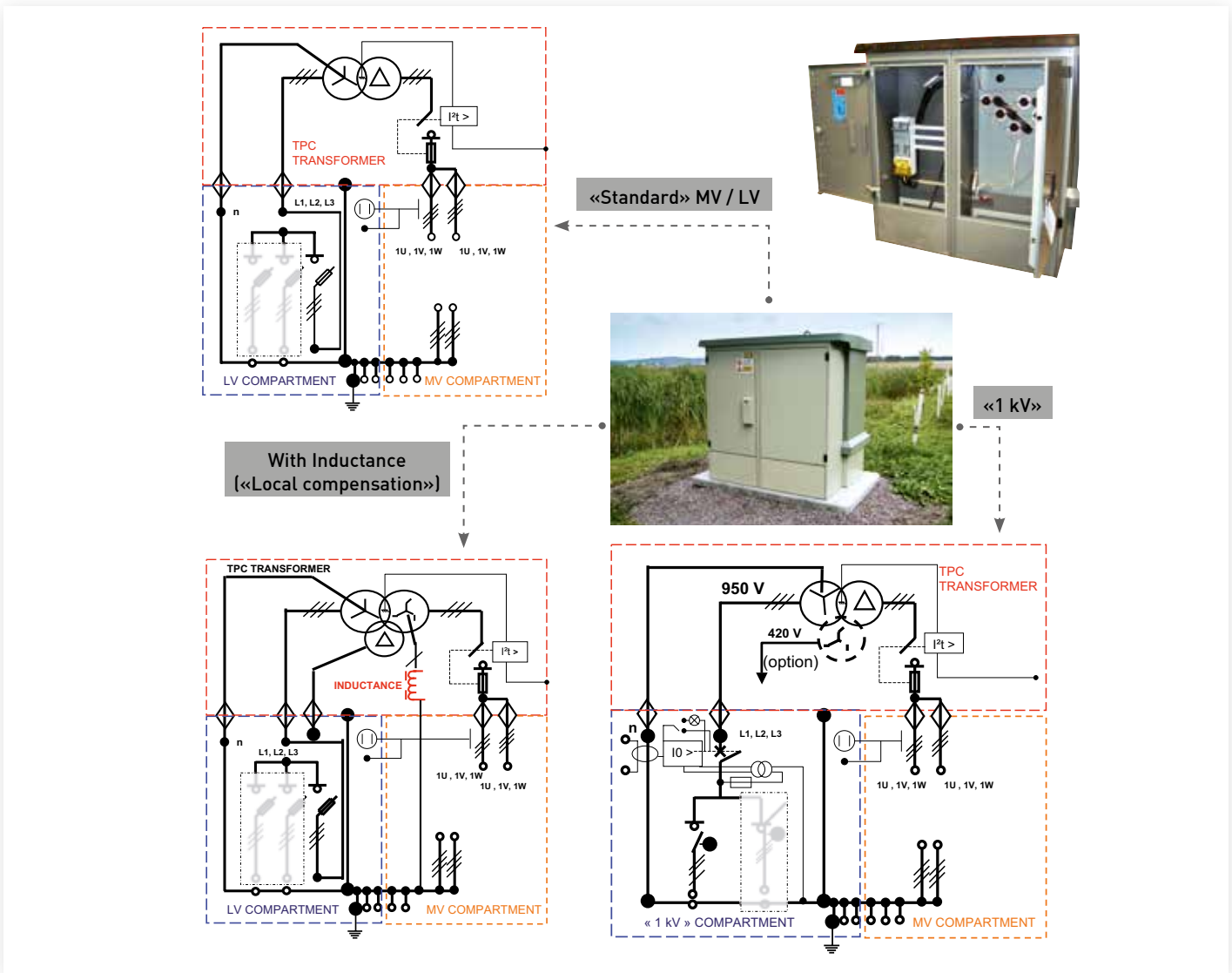




ECOBLOC PREFABRICATED SUBSTATION



MV / LV ECOBLOC

According to international standard IEC 62 271-202

Electrical and dimensional characteristics

Coupling: Dyn11 (Yyn0)

Primary voltage: 11 kV $\pm 2 \times 2,5\%$, or 22 kV $\pm 2 \times 2,5\%$

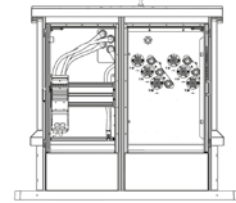
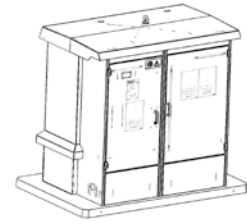
On request: 11 kV $+ 4 \times 2,5\%$ - $2 \times 2,5\%$ 400 V

Secondary voltage: 420 V (240 V)

Alternatively: 11 kV (or 22 kV) / 950 V (+ 420 V on request)

Built-in protection: by TRANSFIX TPC

Rated Power	P0 (W)	Pk (W)	Dimensions			Total Weight (kg)
			Length L (mm)	Width W (mm)	Height H (mm)	
50 kVA	90	1100	1700	1110	1640	1090
100 kVA	145	1750	1700	1110	1640	1050
160 kVA	210	2350	1700	1110	1640	1410
200 kVA	250	2750	2000	1210	1640	1490
315 kVA	360	3900	2000	1210	1640	1700
500 kVA	510	5500	2000	1340	1640	2700



MV connections:

“ELASTIMOLD” type isolated MV Bushings:
 Standard: 250 A Plug with plug-in contact (interface “A” according EN 50180)
 Alternative: 400 A / 600A with bolted contact (interface “C” according EN 50180)

Accessories part of the supply:

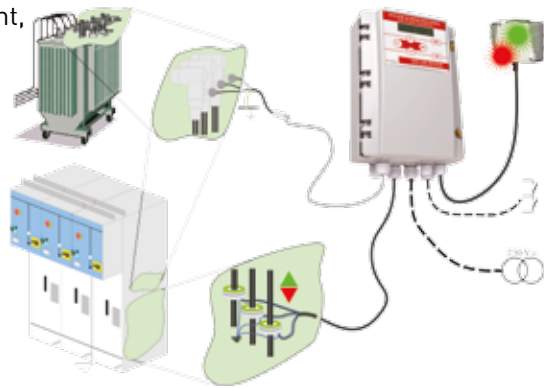
Concrete Slab, MV voltage indicator inside the LV compartment, 2 x removable earthing plates, SDC-LES Lock, cover for temporary supply, SLD2 main LV switch
 The substation is designed to allow simple further mounting of a cable fault detector (directional type).

Available colours:

RAL 9005 Roof (Black) + RAL 7009 Enclosure (Green)
 RAL 9005 Roof (Black) + RAL 3009 Enclosure (Red)
 “Mixed Green” RAL 7032 + RAL 7033

Options:

Metering arrangements
 Cable-fault Directional fault detectors



MV / LV ECOBLOC

+ Inductance for “Local Compensation”

Complementary applicable standard: IEC 60076-6 “Reactors”

Electrical and dimensional characteristics

Coupling: ZN(d)yn11 (with stabilization winding)

Rated Power	Rated Voltages	P0 (W)	Pk (W)	Current limitations I _x = inductive I _a = active	Dimensions			Total Weight (kg)
					Length L (mm)	Width W (mm)	Height H (mm)	
100 kVA	11 kV + 2x2,5% 420 V	215	1800	I _x = 10 A, 300 s I _a = <2,5% * I _x	1700	1100	1640	1650
100 kVA	22 kV + 2x2,5% 420 V	280	1275	I _x = 15 A, 300 s I _a = <2,5% * I _x	1700	1100	1640	1750
160 kVA	22 kV + 2x2,5% 420 V	300	2200	I _x = 15 A, 300 s I _a = <2,5% * I _x	1700	1210	1640	1820
200 kVA	11 kV + 2x2,5% 420 V	525	2450	I _x = 10 A, 300 s I _a = <2,5% * I _x	2000	1210	1640	1950
200 kVA	22 kV + 2x2,5% 420 V	525	2450	I _x = 15 A, 300 s I _a = <2,5% * I _x	2000	1210	1640	1950