	Type	HE 30
Rated voltage	Ur in kV rms	30
Rated frequency	Hz	50 / 60
Continuous operating voltage	Uc in kV rms	25,0
Nominal discharge current	In in kA with 8/20 impulse	10
Line discharge class	Class	1
High current impulse withstand	kA with 4/10 impulse (x 2)	100
Maximum leakage current under Uc at 20 °C	resistive component in mA peak	1,0
	capacitive component in mA peak	0,5
	total current in mA rms	1,0
Energy absorption capability with 8/20 impulse	kJ / kV of Ur	4,0
	kJ / kV of Uc	4,8
Long duration current impulse withstand	A with 2000 µs impulse (x 18 + 1)	300
nergy absorption capability with 2 ms impulse	kJ / kV of Ur	2,0
	kJ / kV of Uc	2,4
Maximum lightning residual voltage	kV peak at 2.5 kA 8/20	71,8
	kV peak at 5 kA 8/20	76,2
	kV peak at 10 kA 8/20	81,1
	kV peak at 20 kA 8/20	89,6
	kV peak at 40 kA 8/20	101,8
Maximum switching residual voltage	kV peak at 125 A 30/80	60,8
	kV peak at 500 A 30/80	64,5
	kV peak at 1 kA 30/80	66,9
	kV peak at 5 kA 1/2.5	79,9
ximum steep current impulse residual voltage	kV peak at 10 kA 1/2.5	87,6
Temporary overvoltage capability in kV rms	1 s without prior duty	38,0
	1 s with prior duty	34,2
	1 s with maximum prior duty	33,0
	10 s without prior duty	36,3
	10 s with prior duty	32,7
	10 s with maximum prior duty	31,6
Minimum reference voltage at 20 °C	Iref in mA peak AC	1
	Uref in kV peak/V2	28,4
Short circuit current withstand	kA during 0.2 s	20
	A during 1.0 s	600
Axial partial discharge level	pC under 1.05*Uc	< 10
Mechanical strength	dynamic bending moment in daN.m	15
	dynamic cantilever loading in daN	45
	static bending moment in daN.m	10
	static cantilever loading in daN	30
	dynamic pull loading in daN	75
	static pull loading in daN	50
	dynamic torsional loading in daN.m	5,0
	static torsional loading in daN.m	3,5
Line terminal	maximum conductor diameter in mm	18
	permissible materials	Cu / Al / Acier
Earth terminal	maximum conductor diameter in mm	selon version
	permissible materials	Cu / Al / Acier
Insulation withstand	power frequency 1 min dry in kV rms	80
	power frequency 1 min wet in kV rms	70
	1.2/50 lightning impulse dry in kV peak	170
Physical characteristics of the housing	material	silicone
	nb of weathersheds (small / large)	9 / 10
	weathersheds diameter in mm	84 / 114
Nominal creepage distance	mm	1200
	mm / kV of Ur	40,0
Nominal arc length	mm	355

	Option	no
Approximate weight in kg		2,7