	Type	HE 15
Rated voltage	Ur in kV rms	15
Rated frequency	Hz	50 / 60
Continuous operating voltage	Uc in kV rms	12,7
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
ergy absorption capability with 8/20 impulse	kJ / kV of Ur	4,1
	kJ / kV of Uc	4,8
Long duration current impulse withstand	A with 2000 µs impulse (x 18 + 1)	300
ergy 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	38,3
	kV peak at 5 kA 8/20	40,7
	kV peak at 10 kA 8/20	43,3
	kV peak at 20 kA 8/20	47,8
	kV peak at 40 kA 8/20	54,3
Maximum switching residual voltage	kV peak at 125 A 30/80	32,5
	kV peak at 500 A 30/80	34,4
	kV peak at 1 kA 30/80	35,7
	kV peak at 5 kA 1/2.5	42,7
mum steep current impulse residual voltage	kV peak at 10 kA 1/2.5	46,8
Temporary overvoltage capability in kV rms	1 s without prior duty	19,3
	1 s with prior duty	17,4
	1 s with maximum prior duty	16,8
	10 s without prior duty	18,4
	10 s with prior duty	16,6
	10 s with maximum prior duty	16,0
Minimum reference voltage at 20 °C	Iref in mA peak AC	1
	Uref in kV peak/V2	14,4
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	75
	static bending moment in daN.m	10
	static cantilever loading in daN	50
	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	50
	power frequency 1 min wet in kV rms	45
	1.2/50 lightning impulse dry in kV peak	110
Physical characteristics of the housing	material	silicone
	nb of weathersheds (small / large)	6 / 6
	weathersheds diameter in mm	79 / 109
Nominal creepage distance	mm	650
	mm / kV of Ur	43,3
Nominal arc length	mm	230

	Option	NO
Approximate weight in kg		1,7