ELSIM s.r.o.

Compensating chokes

Three-phase decompensating choke (reactor)

Our compensating chokes meet the requirements of STN EN 60076-6.

Basic characteristics:

- input voltage 3 x 400 V / 50 Hz
- thermal insulation T40 / F
- cover IP00
- protection class I
- built-in bimetal thermal sensor 125 °C (250 V / 1.5 A)

The three-phase decompensative reactor is an inductive load that eliminates unwanted capacitive power in the network, for example, in photovoltaic power plants (PV power plants), in stadiums where there are many LED lights.

The supply of capacitive power to the distribution network is highly penalized by distribution system operators. Decompensating chokes prevent reactive power from flowing into the network, which will significantly reduce the return on the investment into decompensation.

We produce from first-class materials, we put emphasis on quality workmanship, reliability and safety.

The chokes have a built-in bimetal thermal fuse 125°C /250V-1,5A/.

We offer chokes from 2,5 to 50 kVAr with input voltage 3x400V - 50Hz.

Basic parameters

	P	L	Heat	Compensating	Width	Depth	Height	Weight
	(kVAr)	(mH)	loss /W/	current /A/	(mm)	(mm)	(mm)	kg
Decompensative reactor	**2,5**	204	95	3,62	240	110	215	15
Decompensative reactor	**5**	102	153	7,25	240	140	215	25
Decompensative reactor	**7,5**	68	204	10,9	300	150	275	38
Decompensative reactor	**10**	50,5	209	14,5	336	144	315	47
Decompensative reactor	**12,5**	40,7	156	18,1	336	15	315	57
Decompensative reactor	**20**	25,5	249	29	412	150	365	72
Decompensative reactor	**25**	20,4	246	36,2	462	150	435	103
Decompensative reactor	**30**	17	276	43,5	462	170	435	121
Decompensative reactor	**40**	12,7	357	58	462	180	435	131
Decompensative reactor	**50**	10,2	452	72,5	532	210	500	176