

Datasheet
Control cabinet with control unit

Date __ 2023/__/__.

Object: _____

Customer: _____

№	Parameter		Value	
1.	Quantity		1	
2.	Number of Petersen coils controlled by one cabinet		2	
3.	Requirements for control unit			
	3.1 Control unit		YAPK-105	
	3.2 Detuning, max		5%	
	3.3 Measurement duration of zero sequence circuit, sec		0,0167	
	3.4 Display		Yes + Resonance curve is displaying	
	3.5 Taking into account backlash of motor drive		Yes	
	3.6 Taking into account accelerate of motor drive		Yes	
	3.7 Control of freewheeling of motor drive		Yes	
	3.8 take into account the change in motor drive at every running		Yes	
	3.9 Zero sequence circuit parameters recorder for 1 year		Yes	
4.	Auxiliary circuit		220 VAC	
5.	Alarm circuit		220 VDC	
6.	Lighting circuit		220 VAC	
7.	Motor drive circuit		380 VAC	
8.	Signalling relay type, AC/DC		PY21/0,1 DC	
9.	Typical dimensions, mm	width	2100 (with base)	
		length	800	
		height	600	
10.	Maintenance		On both sides of cabinet	
11.	Weight, kg, max		300	
12.	Protection degree		IP30	
13.	Device for automatic control of resistor connections to the auxiliary power windings of Petersen coil		No	
14.	Soft starter for motor drive		No	
15.	Current injection		Yes	
16.	The earth fault location system for several feeders		No	
17.	Adjustment supervision		Yes	
18.	Additional requirements			
19.	Additional data			
	Busbar section	Capacitive current, A	Natural asymmetry voltage, V	Grid type: 1-cabel line 2-overhead line 3- 1+2
				Abruptly variable load (traction load, arc furnace, rolling mill, mine equipments)
	1			
	2			

Варианты параллельной работы секций: 1-2

Manufacturer: ООО ВП «Наука, техника, бизнес в энергетике» (ООО ВП «НТБЭ»)

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