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The producer reserves the right to modify data and design in the light of future progress.

Application:

- Black-out protection Automated on a distribution level;
- the majority of Load shedding disconnections is returned automatically.

Remote Controlled model: FALoR-PC:

- Serial infra red remote communication via 2 optic fibres;
- By mobile phone we can change and adapt all vital parameters;
- If connection is disturbed or if there is any other noise or wrong information, the internal logic supervision would switch to firmware settings. The FALoR-PC has to respond correctly even in the most risky environment.

**Features**

- Improves the Power System quality by
- protection against the Black-out and by
- the selective programmed load shading with
- an automatic Load returning, enabling
- the minimum lack of power to customers;
- artificial intelligence avoiding wrong re-closing;
- by Mode we choose an optimal Automat function.

Programming of the frequency gradient

Programming of the frequency gradient $g = DF / DT$ inside the range: (0,05 to 1)Hz/s by setting of the “drop out time delay - T_o ” of the Over-frequency Relay, regarding to the difference between the Over-f and Under-f limit setting:

$$F\text{-gradient } g = Df / Dt = DF / T_o = (f_o - f_u) / T_o:$$

$\frac{Df}{Dt}$ (Hz/s)	$T_o = DF / (Df / Dt)$ (sec.)					
	@ $DF = (f_o - f_u)$					
	0,5 Hz	1 Hz	1,5 Hz	2 Hz	2,5 Hz	3 Hz
0,05	10,0	20	30	40	50	60
0,1	5	10	15	20	25	30
0,2	2,5	5	7,5	10	12,5	15
0,3	1,66	3,33	5	6,66	8,33	10
0,4	1,75	2,5	3,75	5	6,75	7,5
0,5	1	2	3	4	5	6
0,75	0,66	1,33	2	2,66	3,33	4
1 (Hz/s)	0,5	1 (s)	1,5	2	2,5	3 (s)