thyroswitch 3P

Current **70 – 100 A**

3-phase thyristor switch with three thyristors

Highlights

- Unlimited switching frequency without load on capacitors
- No peak inrush current when switching on capacitors
- Low operating delay
- Compensation almost in real-time
- No operating noise

The thyristor switch **thyroswitch 3P** combines functional features already distinguished in the thyroswitch 2P: fast and wear and tear-free connecting and disconnecting of capacitors, unlimited switch frequency with low switch delay and compensation almost in real-time. The device generates no operating noise whatsoever and has a compact construction ready for connection.

thyroswitch 3P has three thyristors, each of which can switch alone or together. If the switch-on procedure is activated via a reactive power controller or a control, there is a voltage comparison between the capacitor voltage and the mains voltage. If there is a slight difference, the stage is switched on.

Specifications

DEVICE TYPE	ARTICLE NUMBER	VOLTAGE in V	FREQUENCY in Hz	CURRENT in A
thyroswitch 3ph-690/400-50-100	V108-20-0001	690/400 Y/Δ	50	100*
thyroswitch 3ph-690/400-60-100	V108-20-0002	690/400 Y/Δ	60	100
thyroswitch 3ph-690/500-50-70	V108-20-0003	690/500 Y/Δ	50	70
thyroswitch 3ph-690/500-60-70	V108-20-0004	690/500 Y/Δ	60	70
thyroswitch 3ph-400/230-50-100	V108-20-0005	400/230 Y/Δ	50	100*
thyroswitch 3ph-400/230-60-100	V108-20-0006	400/230 Y/Δ	60	100
thyroswitch 3ph-240/140-50-100	V108-20-0007	240/140 Y/Δ	50	100
thyroswitch 3ph-240/140-60-100	V108-20-0014	240/140 Y/Δ	60	100

* Standard