

1	2	3	4	4
PŘÍVOD	FAKTURAČNÍ MĚŘENÍ PRE	REZERVA	VÝVOD TU1	VÝVOD VS
P1	ME	P2	TU1	TVS
-	-	-	-	-
OCHRANNÝ A ŘÍDICI TERMINÁL S HMI	-	OCHRANNÝ A ŘÍDICI TERMINÁL S HMI	OCHRANNÝ A ŘÍDICI TERMINÁL S HMI	ŘÍDICI TERMINÁL S HMI

The diagram illustrates the internal wiring and components of a 22 kV switchgear. Key elements include:

- Busbars and Breakers:** A main busbar is connected to a 22 kV, 50 Hz circuit breaker (Q1) and a 22 kV, 50 Hz circuit breaker (Q2). A 22 kV, 50 Hz circuit breaker (Q3) is also shown.
- Measurement and Protection:** A 3x MTP 22/0.5 kV, 50 VA measurement transformer is connected to the busbar. A 3x MTN 22/0.5 kV, 0.5 VA measurement transformer is connected to the busbar. A 3PEN 400/230V, 50 Hz, TN-C system is connected to the busbar.
- Terminals and Connections:** The diagram shows connections for terminals P1, P2, TU1, and VS. It also includes connections for a 3x MTP 22/0.5 kV, 50 VA measurement transformer and a 3x MTN 22/0.5 kV, 0.5 VA measurement transformer.
- Reserve and Measurement:** A section labeled "REZERVA PRO DALŠÍ SADU PTP" (Reserve for further PTP set) is shown, with a connection to a 22 kV, 50 Hz circuit breaker (Q1) and a 22 kV, 50 Hz circuit breaker (Q2).
- Output and Input:** The diagram shows connections for output and input lines, including a 22 kV, 50 Hz circuit breaker (Q1) and a 22 kV, 50 Hz circuit breaker (Q2).