

# Eigentum EKZ

24/16 kV, 630A, Siemens 8DJH, 20kA

EKZ Seebüel  
3x(1x240Al/35)

EKZ Scheidweg  
3x(1x240Al/35)

EKZ Übergabeschalter  
3x(1x150)

Alpha E

P1 300A/225mV 0.5:5P20

# Eigentum Post AG

The diagram illustrates the internal configuration of a 24/16 kV switchgear, Eaton Xiria 20kA. The main busbar is labeled "24/16 kV, 630A, EATON XIRIA, 20kA". The switchgear is divided into three main sections: "Einspeisung EKZ" (Feeder EKZ), "Messfeld" (Measurement field), and "Trafo 1" / "Trafo 2" (Transformer 1 / Transformer 2).

**Internal Components:**

- WD24-M:** 16000/100V, 2 15VA, Cl. 0.5
- BD-24G:** 100-200/5A, 10VA, Cl. 0.5S FS5
- P1, P2:** 16-56A, 0.1VA; 5P80
- Trafo 1, Trafo 2:** 1000kVA

**External Connections:**

- Einspeisung EKZ:** Connected to the main busbar via a 20mm cable.
- Trafo 1, Trafo 2:** Connected to the main busbar via a 20mm cable.

**Legend:**

- 20mm: Cable cross-section
- 16-56A: Circuit breaker
- 100-200/5A: Current transformer
- 16000/100V: Voltage transformer
- 1000kVA: Transformer

[illegible]