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Market Research News Application



Application: **Chemical plants**
Produkt: ESS20
Client: Wacker Chemie GmbH (<http://www.wacker.de>), Germany

Burghausen is the biggest production site of the Wacker Chemie GmbH, originally located in Munich, and at the same time the major German location of the chemical industry. Some 10,000 people work in approximately 150 companies, producing thousands of different chemical products, e.g. pure silicone, vinylchlorid and terpolymers, dispersions and other chemicals.

Only recently has Wacker started to use the electronic circuit breaker type ESS20 in their plant equipment with DC24V switch-mode power supplies besides the E-T-A circuit breaker type 2210-S. The reason was that in spite of redundantly used switch-mode power supplies (2 x 40A) the types 2210-S rated 4A and 6A did not trip reliably although the system had been pre-set in a way that the total rated current must not be higher than 30A. Wacker therefore decided with regard to 4A and 6A to use type ESS20 with the advantage that longer cables are made possible.

Both types – 2210-S and ESS20 – are used there in combination with the power distribution system module 17plus.

How did we win this business?

Wacker has been using the E-T-A type 2210-S for many years together with the module 17plus. They have also regularly been buying control products such as flow monitors (FM 1-Ex) and level sensors. We presented them with our electronic circuit breakers type ESS1 and ESS20 several times. They recognised the advantages of an electronic protection from the start. In the end it was the deciding factor that

Wacker realised the tripping problems of the 4A and 6A circuit breakers.

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