

CONNEX Socket, Size 2, for Transformers in Railway Applications, up to 25 KV

Application:

- Socket for mounting into transformers in railway applications up to 25 kV
- Insulating medium: oil
- **Attention:** With XLPE-insulated cable the max. temperature of the conductor must not be higher than 90°C.

Characteristics:

- Installation and testing of the transformer including connection interface possible
- Efficient assembly processes and safe assembly thanks to modular product design and components customised to the system
- Safe to touch due to metal housing
- Completely encapsulated and dry solid insulation system, therefore maintenance-free
- Waterproof (IP67)
- 100% X-ray tested



Picture may vary.

Technical Data

Article no.	827 104 208	
Size	2	
Max. system voltage	U_{Nm} (kV)	27.5
Nominal voltage	U_n (kV)	25
Network	single-phase	
Applicable standards	EN 50180-1, IEC 60850, DIN EN 50467, DIN EN 60137, DIN EN 50124-1, DIN EN 60077-1, DIN EN 50163	
Pitch circle diameter for fastening	(mm)	102
Rated current	I_n (A)	like cables, up to 800 A
Max. dynamic short circuit current	I_d (kA)	125
AC withstand voltage	U_a (1 min) (kV)	95
Lightning impulse withstand voltage	U_{Ni} (kV)	200
Shock and vibration test - DIN EN 61373	Category 1 class B	
Protection type - DIN EN 60529	IP67	
Fire and smoke - UL 94	Class V1	
Connector Interface - EN 50180-1	Size 2	
incl. sealing and fastening set	yes	
Working place	indoor and outdoor	
Insulation medium	mineral oil, silicone oil or ester oil	

Article no.		827 104 208
Maximum oil temperature	(°C)	110 °C
Increased oil temperature - max. 400 A	(°C)	120 °C
X-ray tested		100 %