



K 7208: Feeding and current distribution

- For SELV and PELV
- Redundant feeding of up to 35 A total current
- With 2 decoupling diodes and 2 Z 6015 network filters
- With fuse protection of up to 6 individual circuits with circuit breakers (manufacturer E-T-A®)

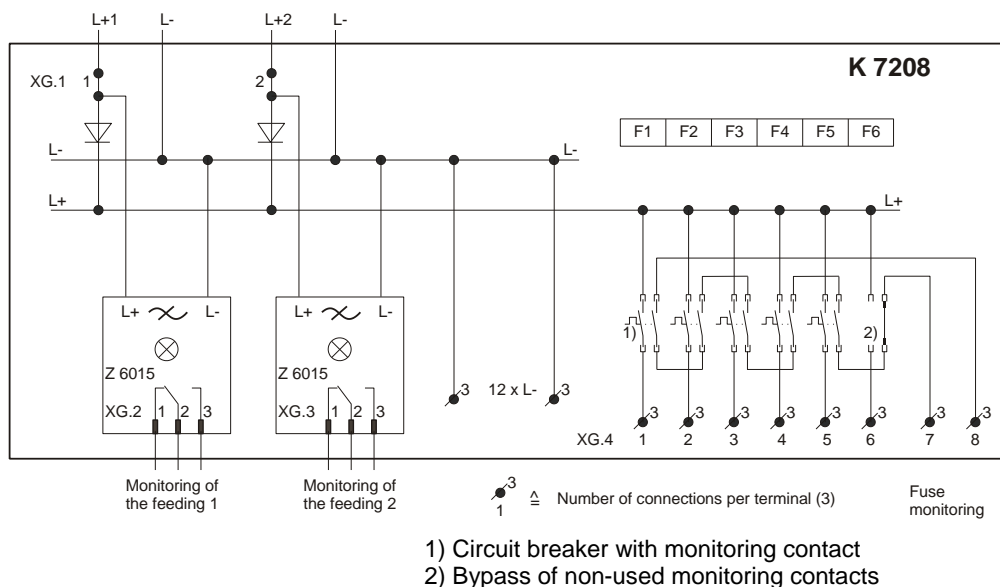


Figure 1: Wiring Diagram

Structure:

On the front side: heat sink with 2 diodes; behind the heat sink, mounting plate for up to 6 circuit breakers (with monitoring). On the rear side, 2 Z 6015 network filters and connector panel. Jumpers are used to bypass the monitoring of non-used circuit breaker slots.

Each network filter is equipped with one monitoring relay and one LED for the feeding. Potential-free contacts are used to report voltage drops.

Installation Note:

Because of the network filter, install the K 7208 as close as possible to the cable inlet into the cabinet. If supply lines > 0.5 m are required in the cabinet, a shielded 2 x 6 mm² supply line (HIMA part. no. 904100001) must be used.

Total current	35 A max.
Operating voltage	24 VDC, SELV or PELV
External fusing	35 A max.
Power dissipation	35 W max.
Dimensions	19 inches, 2 RU in accordance with DIN EN 60287-4
Installation depth	270 mm
Weight	3.25 kg

Diode Data (Type SKKE81/04, Manufacturer: Semikron):

Conducting state current 0.85 V typ.

Preferred Type of Circuit Breaker (not included within the scope of delivery of the K 7208):

Nominal current	Manufacturer	Type	HIMA part no.
4 A	E-T-A [®]	2210-S211-P1T2-H111 4 A	57 0350040
16 A	E-T-A [®]	2210-S211-P1T2-H111 16 A	57 0350160

Table 1: Preferred Type of Circuit Breakers

For further details refer to the E-T-A[®] data sheet.

Terminals and Wiring:

Terminal	Max. wire cross section
XG.1.1, XG.1.2	16 mm ²
Feeding L-	16 mm ²
Distribution L-	4 mm ²
XG.4: 1 - 8	2.5 mm ²
XG.2 / XG.3	Flat connector 6.3 x 0.8 on Z 6015

Table 2: Terminals and Wiring

Accessories:

Accessories supplied by HIMA:

- M 3447 Labelling field with three guide rings (1 RU)
- M 3443 Labelling field with cable duct (1 RU)
- M 3445 Labelling field with 2 cable ducts (1 HU)

Views:

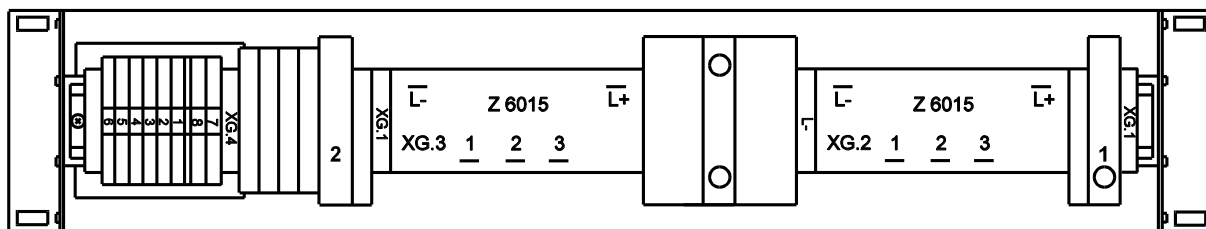


Figure 2: Rear View

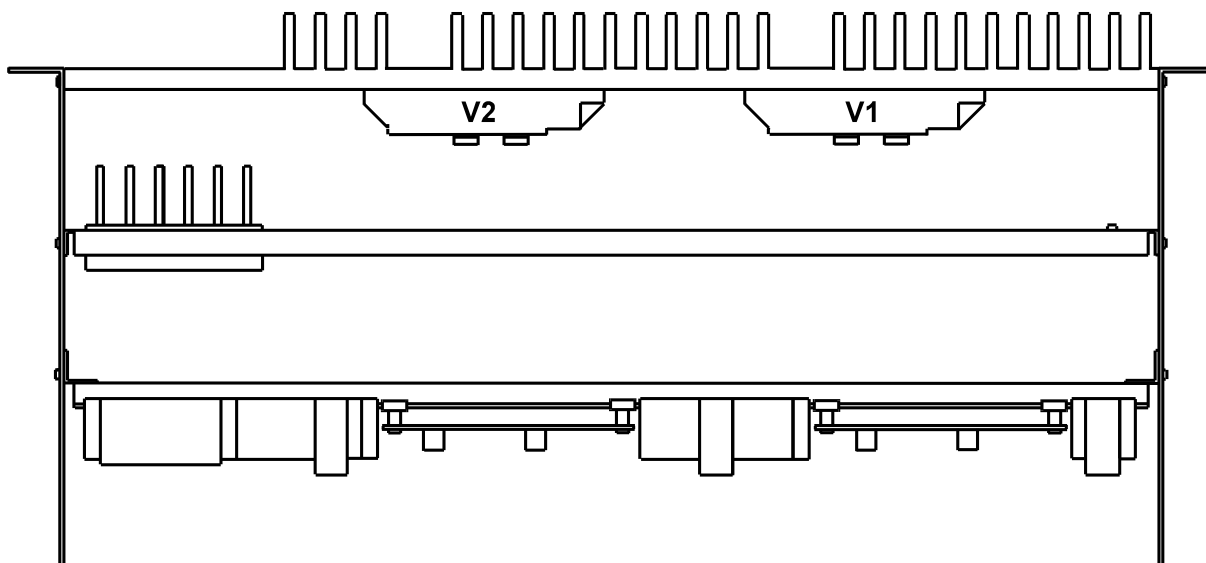


Figure 3: Top View

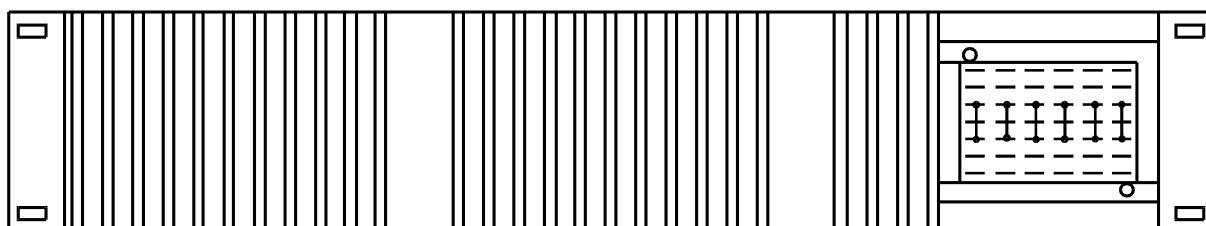


Figure 4: Front View