CE

HIMA

K 7213

K 7213: Feeding and current distribution

- For SELV and PELV
- Redundant feeding of up to 35 A total current
- With fuse protection of up to 12 individual circuits with circuit breakers (manufcatuer E-T-A®)

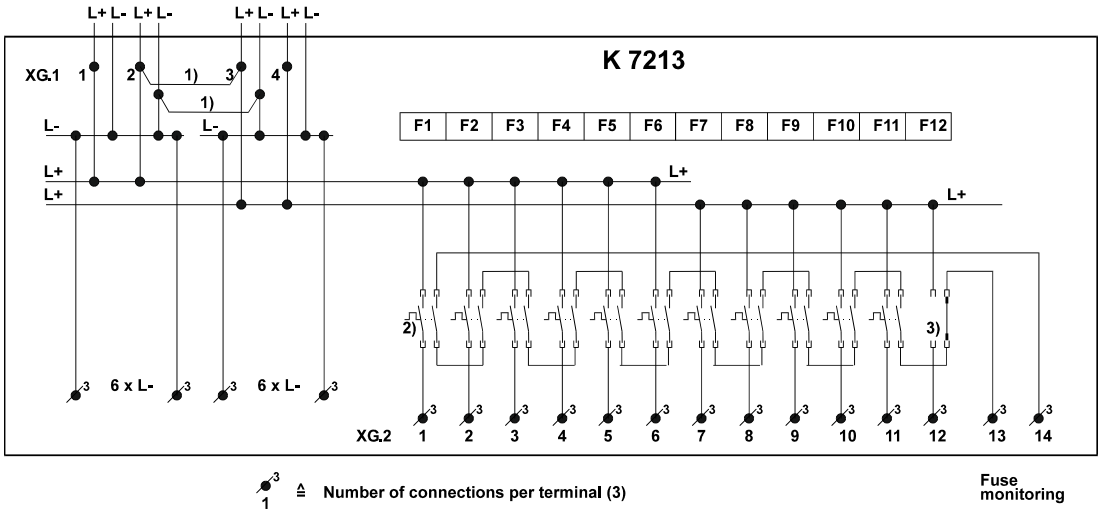

Figure 1: Wiring Diagram

1) 2 separated groups with 6 circuit breaker slots each are available after removing the jumpers
2) Circuit breaker with monitoring contact
3) Bypass of non-used monitoring contacts

Structure:
On the front side: mounting plate with sockets for up to 12 circuit breakers (with monitoring); on the rear side: connector panel. Jumpers are used to bypass the monitoring of non-used circuit breaker slots.

Total current	35 A max.
Operating voltage	SELV or PELV with 24 VDC or 48 VDC
External fuse	35 A max.
Dimensions	19 inches, 2 RU
Installation depth	270 mm
Weight	1.50 kg

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Preferred Type of Circuit Breaker (not included within the scope of delivery of the K 7213):

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:

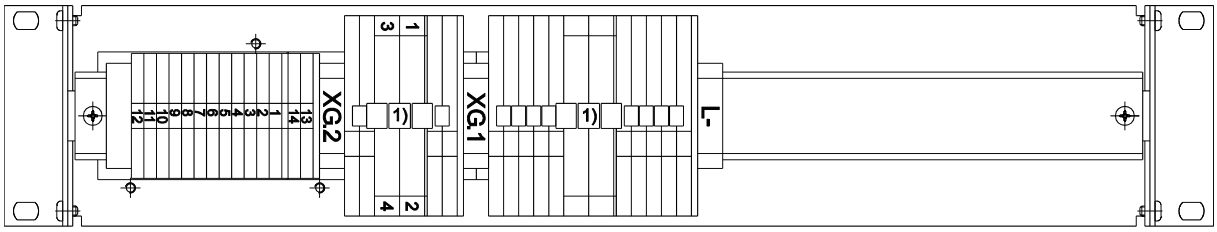
Terminal	Max. wire cross section
XG.1: 1/2/3/4	16 mm^2
Feeding L-	16 mm^2
Distribution L-	4 mm^2
XG.2: 1 - 14	2.5 mm^2

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 RU)

Views:



1) Jumper

Figure 2: Rear View

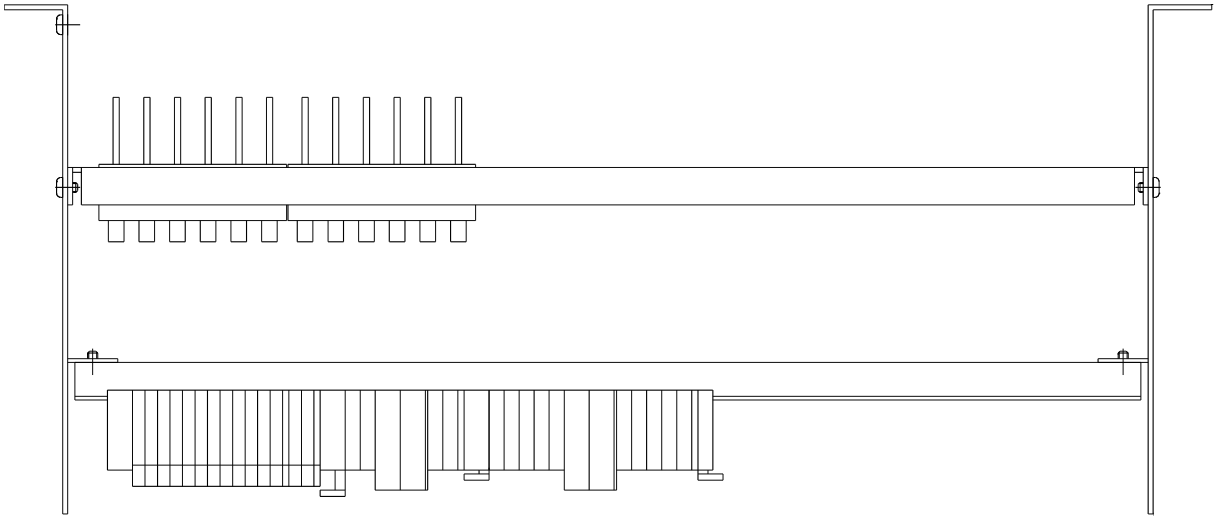


Figure 3: Top View

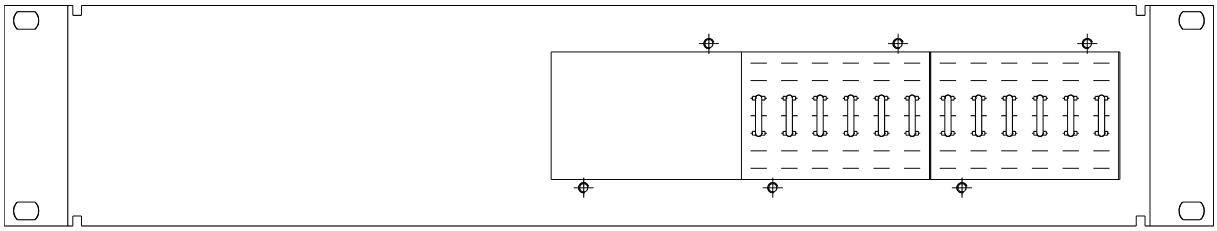


Figure 4: Front View

Application example:
The redundant feeding of K 7213 with 24 VDC is secondarily fused for up to 35 A

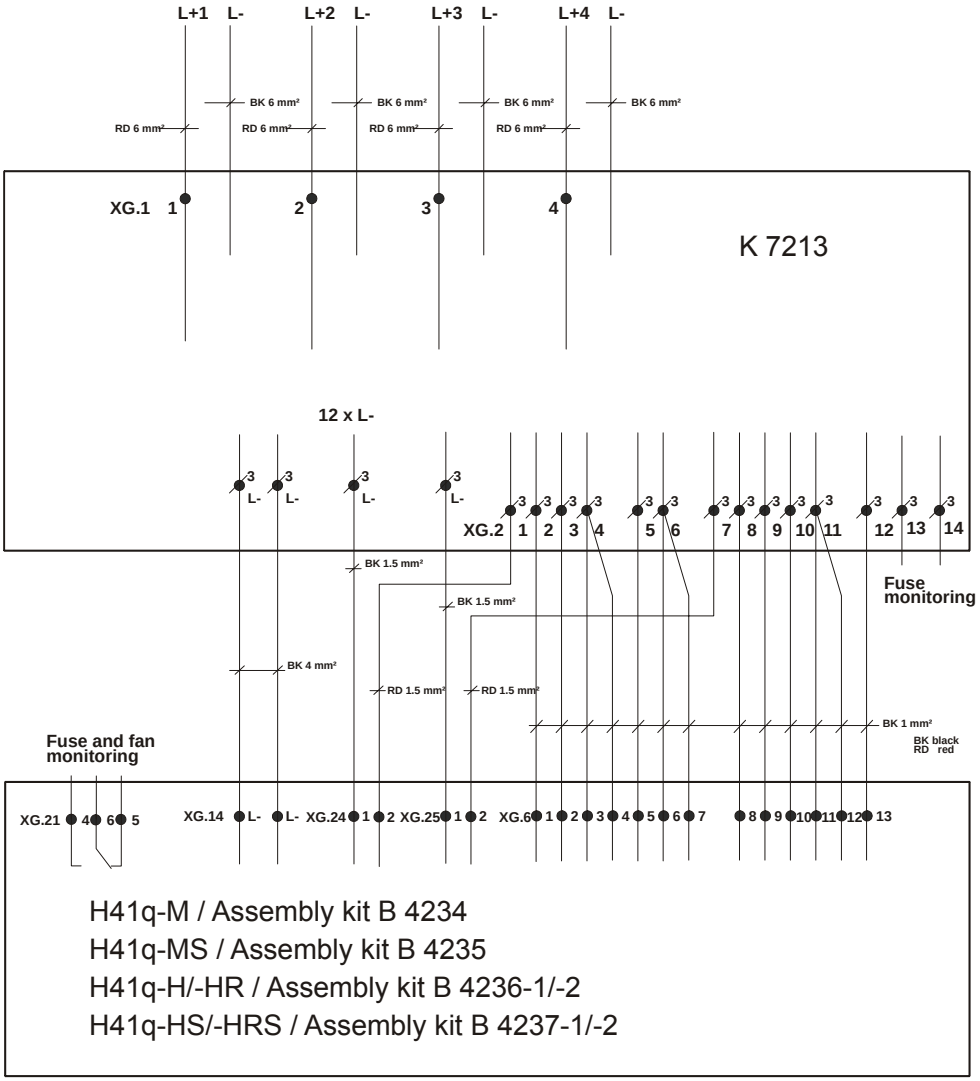


Figure 5: Application Example

Circuit breaker 1 and circuit breaker 7 of the K 7213 (nominal current: 16 A) are used to redundantly fuse the H41q system.

All remaining circuit breakers (nominal current: 4 A) are used to fuse the modules in the H41q system. The modules are grouped and fused according to the group and the module power requirement.
Fusing the modules by using circuit breakers of the K 7213 only represents an example.