



## K 7216: Feeding and current distribution

- for SELV and PELV
- redundant feeding up to 63 A total current
- for fusing up to 32 single circuits in eight groups with four micro-fuses each
- Fusing of the eight groups via circuit breakers (manufacturer E-T-A<sup>®</sup>)

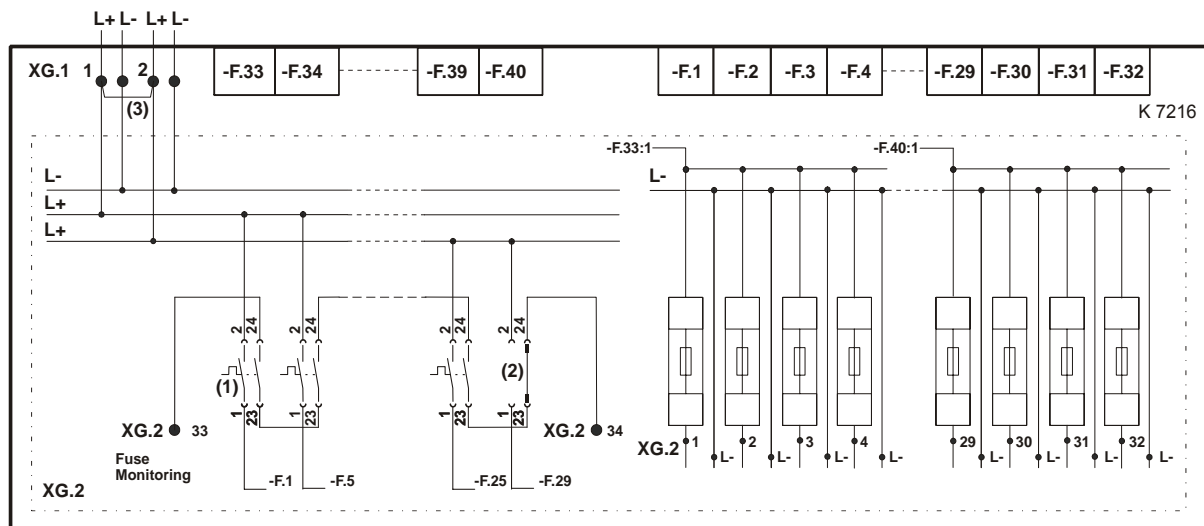


Figure 1: Wiring

### Explanations

- (1) Circuit breaker with fuse monitoring contact
- (2) Jumper to bridge not-used monitoring contacts  
The monitoring contacts of not-equipped circuit breakers are bridged via jumpers.
- (3) Remove the jumper (3) for separate power supply.  
After removal of the jumper, two separate power supply groups F.33...F.36 and F.37...F.40 will be generated, fused with each four circuit breakers.

### Construction:

Front plate with 32 fuse compartments and receptacles for eight circuit breakers (with monitoring). On the rear terminal block with tension spring clamps.

Total current	63 A max.
Supply voltage	48 VDC, SELV or PELV *)
Dimensions	19 inches, 2 units high
Mounting depth	approx. 180 mm
Protection class	IP 20
Weight	3.0 kg (without circuit breakers)

\*) IEC 61131-2: 2003

## Fuse compartments F.1...F.32:

Fuse compartments F.1...F.32 for micro-fuse 5 x 20 mm according to IEC 60127-2, max. rating 6.3 A (micro-fuses not delivered with K 7216).

## Preferred type of circuit breakers

(not delivered with K 7216):

Nominal current	Manufacturer	Type	HIMA part no.
4 A	E-T-A <sup>®</sup>	2210-S211-P1T2-H111 4 A	57 0350040
10 A	E-T-A <sup>®</sup>	2210-S211-P1T2-H111 10 A	57 0350100
16 A	E-T-A <sup>®</sup>	2210-S211-P1T2-H111 16 A	57 0350160

**Table 1: Preferred type of circuit breakers**

For further details refer to the original E-T-A<sup>®</sup> data sheet.

## Connections and wiring:

Connection	Max. Cross section of wires
XG.1: 1 / 2	16 mm <sup>2</sup>
Feeding L-	16 mm <sup>2</sup>
Distribution L-	2.5 mm <sup>2</sup>
XG.2: 1...34	2.5 mm <sup>2</sup>

**Table 2: Connections and wiring**

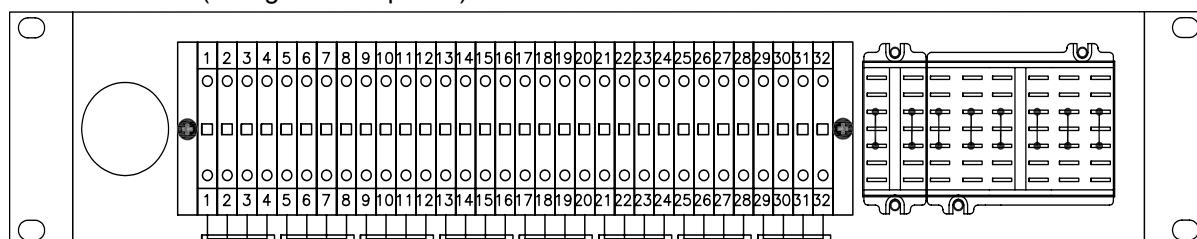
The internal wiring is done with white (L+) and brown (L-) cables.

## Accessories:

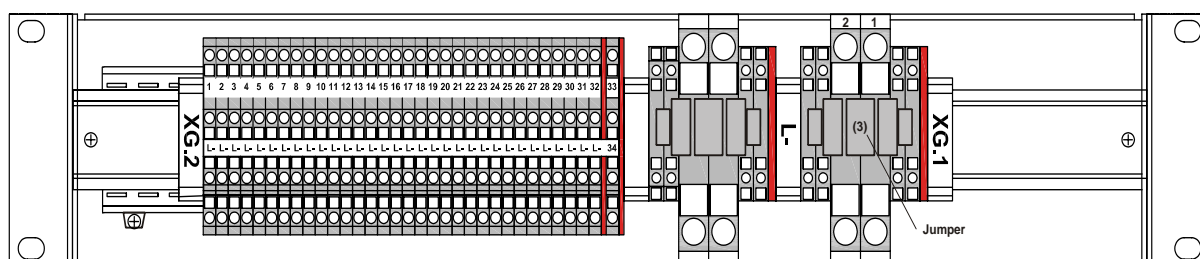
Accessories supplied by HIMA:

- M 3447 Labeling field with three guiding rings (1 HU)
- M 3443 Labeling field with cable duct (1 HU)
- M 3445 Labeling field with 2 cable ducts (1 HU)

## Views (wiring is not depicted):



**Figure 2: Front view with fuse compartments F1...F32 and receptacles for circuit breakers F 33...F 40**



**Figure 3: Rear view with clamps**