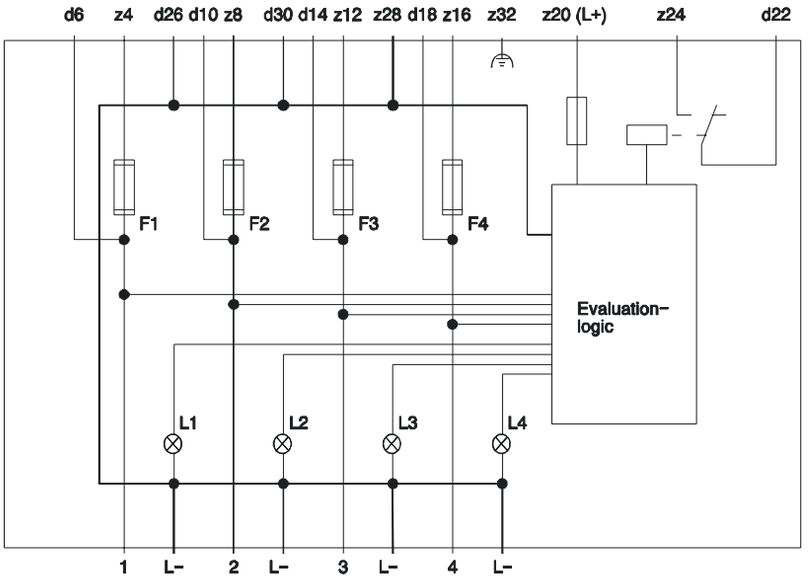
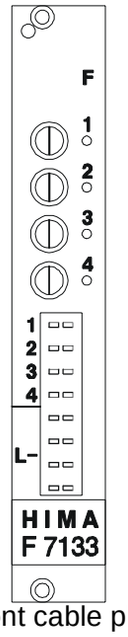
# F 7133

**F 7133: 4-fold power distribution**
with fuse monitoring and L- distribution



Block diagram



Front cable plug

The module has 4 miniature fuses providing the line protection. Each fuse is associated to a LED. The fuses are monitored via an evaluation logic and the state of each circuit is announced to the related LED.
The contact pins 1, 2, 3, 4 and L- on the front side serve to connect L+ resp. EL+ and L- to supply the IO modules and sensor contacts.
The contacts d6, d10, d14, d18 serve as rear terminals for 24 V supply of one IO slot each.If all fuses are in order, the relay contact d22/z24 is closed. If a fuse is not equipped or faulty, the relay will be deenergized. Via the LEDs faults are announced as follows:

| Supply voltage for path | Fuse | |
|---|---|---|
| | in order | faulty/missing |
| exists | LED on | LED is flashing |
| fails | LED off | LED is flashing |

**Note:**
– If the module is not wired all LEDs are off.
– If the input voltage is missed in case of current pathes which are connected together no information to the state of the different fuses can be given.

| | |
|---|---|
| Fuses | max. 4 A slow blow |
| Switching time | approx. 100 ms (relay) |
| Loadability of the relay contacts | 30 V/4 A (continuous load) |
| Residual voltage in case of fuse tripped | 0 V |
| Residual current in case of fuse tripped | 0 mA |
| Residual voltage in case missing supply | max. 3 V |
| Residual current in case of missing supply | < 1 mA |
| Space requirement | 4 TE |
| Operating data | 24 V DC: 60 mA |

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