CE

HIMA

H 7202

H 7202: Distribution Fuse Board

- for SELV and PELV (24 V or 48 V power supply systems)
- L1/L2 rail current rating max. 64 A
- max. 63 A current rating for each individual feed terminal
- for safeguarding up to 8 individual circuits with circuit breakers
- the circuit breakers are not included within the scope of delivery.

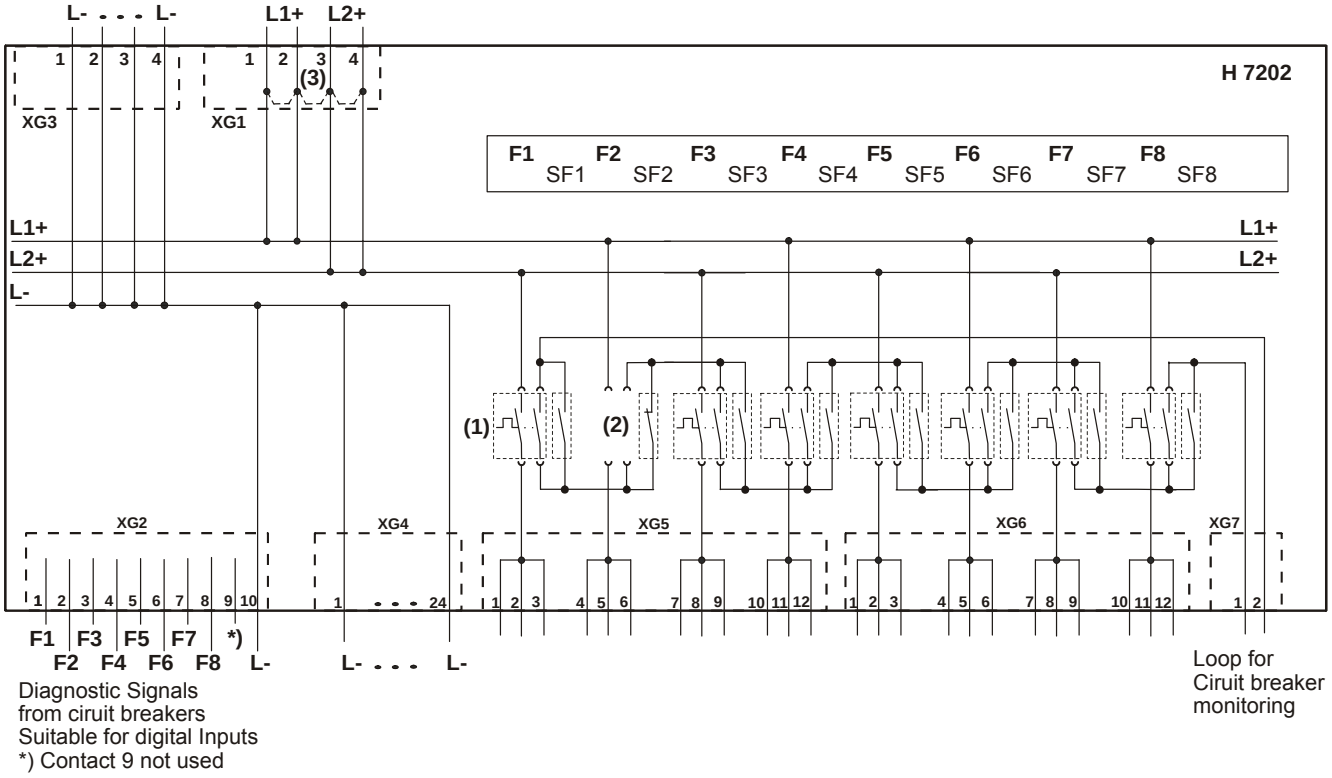

Figure 1: Circuit Diagram

Explanations

(1) Circuit breaker with monitoring contact.

(2) Circuit breaker monitoring is operational (XG7) if the sliding switches (SF1 to SF8) are set to the **used** position on the circuit breaker slots in use:

used position equipped with circuit breaker

unused position not equipped with circuit breaker

(3) By inserting the provided jumper into the XG1 terminal, the two separate power rails are connected with one another.

Design:

For mounting on an NS 35 mounting rail in accordance with EN 60715.
Printed circuit board with sockets for 8 circuit breakers up to 16A

Width	153 mm (total width)
Height	108 mm (total height)
Installation depth	132 mm (equipped with circuit breakers)
Protection class	IP 20
Weight	0.62 kg (without circuit breakers)
Temperature range	0 bis 60 °C

Preferred Type of Circuit Breaker (ot included within the scope of delivery of the H 7202):

Fuse	Nominal current	Make	Type	HIMA no.
F1 to F8	4 A	E-T-A®	2210-S211-P1T2-H111 4 A	57 0350040
F1 to F8	16 A	E-T-A®	2210-S211-P1T2-H111 16 A	57 0350160

Table 1: Preferred Type of Circuit Breakers

Terminals and Wiring:

Terminal	Min./max. wire cross section (mm^2)
XG1: L+ feed line	0.2 / 16 flexible, 10 with wire end ferrule
XG3: L- feed line	0.2 / 16 flexible, 10 with wire end ferrule
XG5:, XG6: L+ outgoing line	0.2 / 2.5 flexible
XG4: L- outgoing line	0.2 / 2.5 flexible
XG7: Circuit breaker monitoring	0.2 / 2.5 flexible

Table 2: Terminals and Wiring

Diagnostic Signal Connector XG2:
The diagnostic signals can be used to detect the status of the outgoing lines XG5 and XG6.

- HIGH signal -> voltage present
- LOW signal -> voltage not present

The diagnostic signals are suitable for digital inputs of type 3 (in accordance with IEC 61131-2) and can be evaluated by e.g. a PES.

Front View:

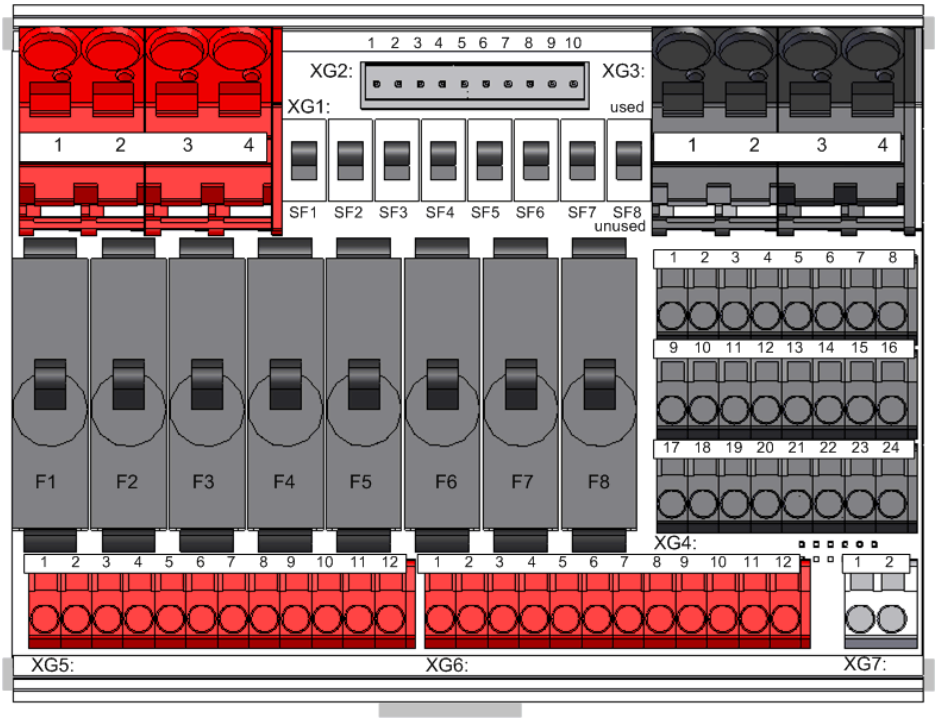

Figure 2: Front View with Circuit Breakers "F1...F8"

Mounting
We recommend mounting the H 7202 horizontally or vertically (with respect to the label located on the front) to ensure sufficient ventilation.

Warning! Unnecessary shut down!

At an ambient temperature ≥ 60°C and a nominal current rating of all circuit breakers of the H 7202, the current rating must be reduced to ≤ 80 % of the nominal current rating.