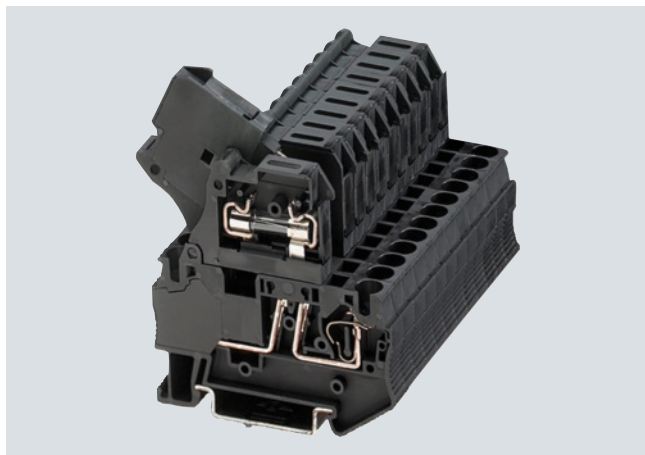


## Overview

**Fuse terminals for blade-type fuses**

The fuse terminals for blade-type fuses accommodate blade-type fuses according to ISO/DIS 8820 / DIN 72581-3. Terminals with LED display are available for fast fault diagnosis "at a glance".

**Fuse terminals for G fuse links**

Fuse terminals perform two important tasks in connected electrical systems. Firstly, they act as a fuse carrier and, secondly, as a potential distributor.

The full-length bridge shaft enables uninterrupted bridging between the through-type terminals and the fuse terminals.

Fuse terminals for G fuse links are available for standardized electrical fuse formats 5 × 20 mm and 6.3 × 32 mm (inch fuse) – and are optionally available with LED display to signal a blown fuse.

A label can be snapped on to the middle of the terminal at the front. Further labels can also be mounted flat on the side of the terminals.

## Technical specifications



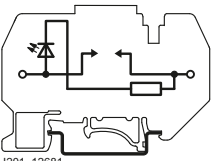

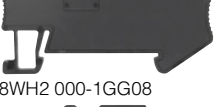



	8WH2 000-1AG08 8WH2 000-1BG28 8WH2 000-1BG38	8WH2 000-1GG08 8WH2 000-1JG38 8WH2 000-1JG68 8WH2 000-1MG08	8WH2 000-1HG08 8WH2 000-1NG38 8WH2 000-1NG68 8WH2 000-1RG08
Dimensions			
• Width/length in mm	8.2 / 86.5	6.2 / 61.5	8.2 / 76.5
• Height (NS 35/7.5 / NS 35/15) in mm	43.5 / 51	62.5 / 70	69 / 76.5
Technical specifications acc. to IEC/DIN VDE			
• Fuse type ISO/DIS 8820 / DIN 72581-3 / dimensions / in mm	C	G / 5 × 20	G / 6.3 × 32
• Maximum current for single arrangement in A	30	3.3	10
Max. power loss at 23 °C acc. to IEC 60647-7-3 in W <sup>1)</sup>			
• U in V	--	250	400
• Overload protection			
- Individually in W	--	1.6	
- As group in W	--	1.6	
• Without short-circuit protection			
- Individually in W	--	4	
- As group in W	--	2.5	
• I <sub>max</sub> in A	--	6.3	10
• Rated impulse withstand voltage in kV / pollution degree	6 / 3	4 / 3	6 / 3
• Overvoltage category / molded plastic group	III / 1		
Connection capacities			
• Flexible with end sleeve without/with plastic sleeve in mm <sup>2</sup>	0.25 ... 4 / 0.25 ... 4		
• Flexible with two-wire connection end sleeve, with plastic sleeve in mm <sup>2</sup>	0.5		
Stripped length in mm	10		
Plug gauge (IEC 60947-1)	A4	A3	A4
Molded plastic type	PA		
• Flammability class acc. to UL 94	V0		
Approval data (UL/cUL and CSA)			
• Rated voltage / rated current / conductor sizes			
- UL/cUL: in V/A / AWG	600 / 30 / 24-10	300 / 6.3 / 24-10	300 / 10 / 24-10
- CSA: in V/A / AWG	--		

<sup>1)</sup> Please note: The G fuse holders must be selected according to the maximum power loss (heat dissipation) of the G fuse links. Depending on the application and method of installation, the heat rise conditions in closed fuse holders must be tested. Higher ambient temperatures represent an additional load for the fuse links. A shift in rated current should therefore be taken into account in such applications. When selecting G fuse links, make sure that they do not exceed the specified maximum power loss. For specification details, contact the fuse manufacturer.

# 8WH2 Spring-Loaded Terminals

## 8WH fuse terminals

### Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG
<b>Terminal size 4 mm<sup>2</sup></b>						
 8WH2 000-1AG08  8WH2 000-1BG28  1201_12681 8WH2 000-1BG28	<b>Fuse terminals, terminal size 4 mm<sup>2</sup>, for blade-type fuses acc. to ISO/DIS8820/DIN72581-3</b> <ul style="list-style-type: none"> <li>Terminal width 8.2 mm</li> <li><b>C<sub>US</sub></b></li> <li>Connection data               <ul style="list-style-type: none"> <li>Rigid 0.08 ... 6 mm<sup>2</sup></li> <li>Flexible 0.08 ... 4 mm<sup>2</sup></li> <li>AWG 28-10</li> <li>I = 30 A</li> <li>U = 400 V</li> </ul> </li> <li>Enclosed at both ends</li> </ul> <b>Versions</b> <ul style="list-style-type: none"> <li>Without LED display</li> <li>LED display 12 V</li> <li>LED display 24 V</li> </ul>					
		<b>8WH2 000-1AG08</b>		1	50 units	044
		<b>8WH2 000-1BG28</b>		1	50 units	044
		<b>8WH2 000-1BG38</b>		1	50 units	044
<b>Fuse terminals, terminal size 4 mm<sup>2</sup>, for 5 x 20 mm G fuse links</b>						
 8WH2 000-1GG08  8WH2 000-1JG38  8WH2 000-1MG08	<b>Fuse terminals, terminal size 4 mm<sup>2</sup>, for 5 x 20 mm G fuse links</b> <ul style="list-style-type: none"> <li>Terminal width 6.2 mm</li> <li><b>C<sub>US</sub></b></li> <li>IEC 60947-7-3</li> <li>With fuse               <ul style="list-style-type: none"> <li>Rigid 0.08 ... 6 mm<sup>2</sup>, flexible 0.08 ... 4 mm<sup>2</sup>, AWG 28-10</li> <li>I<sub>max</sub> = 6.3 A, only short-circuit protection, single 4 W, group 2.5 W</li> <li>U = 250 V, overload protection, single 4 W, group 1.6 W</li> </ul> </li> <li>As isolating terminal               <ul style="list-style-type: none"> <li>Rigid 0.08 ... 6 mm<sup>2</sup>, flexible 0.08 ... 4 mm<sup>2</sup>, AWG 28-10</li> <li>I = 6.3 A, U = 250 V</li> </ul> </li> <li>Enclosed at both ends</li> </ul> <b>Versions</b> <ul style="list-style-type: none"> <li>Without LED display</li> <li>LED display 15 to 30 V</li> <li>LED display 30 to 60 V</li> <li>LED display 110 to 250 V</li> </ul>					
		<b>8WH2 000-1GG08</b>		1	50 units	044
		<b>8WH2 000-1JG38</b>		1	50 units	044
		<b>8WH2 000-1JG68</b>		1	50 units	044
		<b>8WH2 000-1MG08</b>		1	50 units	044
<b>Fuse terminals, terminal size 4 mm<sup>2</sup>, for G fuse links 6.3 x 32 mm (inch fuses)</b>						
 8WH2 000-1HG08	<b>Fuse terminals, terminal size 4 mm<sup>2</sup>, for G fuse links 6.3 x 32 mm (inch fuses)</b> <ul style="list-style-type: none"> <li>Terminal width 8.2 mm</li> <li><b>C<sub>US</sub></b></li> <li>IEC 60947-7-3</li> <li>With fuse               <ul style="list-style-type: none"> <li>Rigid 0.08 ... 6 mm<sup>2</sup>, flexible 0.08 ... 4 mm<sup>2</sup>, AWG 28-10</li> <li>I = 10 A,</li> <li>U = 400 V</li> <li>Current and voltage are determined by the fitted fuse or the selected LED display</li> </ul> </li> <li>As isolating terminal               <ul style="list-style-type: none"> <li>Rigid 0.08 ... 6 mm<sup>2</sup>, flexible 0.08 ... 4 mm<sup>2</sup>, AWG 28-10</li> <li>I = 10 A, U = 400 V</li> </ul> </li> <li>Enclosed at both ends</li> </ul> <b>Versions</b> <ul style="list-style-type: none"> <li>Without LED display</li> <li>With LED display 100 V to 250 V</li> </ul>					
		<b>8WH2 000-1HG08</b>		1	50 units	044
		<b>8WH2 000-1RG08</b>		1	50 units	044
<b>Accessories</b>						
 8WH9 070-0AA00	<b>Compartment partitions, for terminal sizes 1.5 and 4 mm<sup>2</sup></b> <b>Versions</b> <ul style="list-style-type: none"> <li>Two clamping points</li> <li>Three clamping points (inch fuse)</li> </ul>					
		<b>8WH9 070-0AA00</b>		100	50 units	044
		<b>8WH9 070-0KA00</b>		100	50 units	044

Note:

For general accessories for 8WH terminal blocks, see chapter 8.