

# SBI fuse-carriers with indicator light



MGN15707



MGN15714



MGN15712



MGN15718







### Function

- SBI fuse holders provide overload and short-circuit protection.
- They are used for industrial applications requiring a high breaking capacity.
- They perform the isolation function and must not be used as switches.
- They are equipped with an indicator light indicating blowing of the fuse cartridge: to be equipped with aM or gG (gL-gl) type fuse cartridge without striker. The general purpose fuse (**gG fuse**) provides overload and short-circuit protection. The fuse for motor application (**aM fuse**) only provides short-circuit protection. It is used for protection of loads with a high peak current (motors, transformer primaries, etc.).

### Technical data


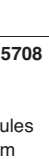




- Operating frequency: 50 Hz
- Isolation: by tilting its drawer.
- Cartridge blowing signalling: by indicator light ON
- Connection by tunnel terminals:
  - 14 x 51: up to 25 mm<sup>2</sup>
  - 22 x 58 mm: up to 35 mm<sup>2</sup>
- Number of 9 mm modules per pole:
  - 14 x 51: 3 modules
  - 22 x 58: 4 modules.
- Insulation voltage: 690 V.
- Operating temperature: -20°C to +60°C.
- Storage temperature: -40°C to +80°C.
- Compliance with standards: IEC EN 60947-3.

Catalogue numbers

Fuse cartridges					SBI fuse holder							
Fuse cartridge type	Rating (A)	Voltage rating Ue (V AC)	Short-circuit current I <sub>sc</sub> (kA)		Fuse cartridge reference		Network type <sup>(1)</sup>					
			aM	gG	aM	gG	N	1P	1P+N	2P	3P	3P+N
												
14 x 51	10	690	-	80	-	15787	MGN15708	MGN15707	MGN15709	MGN15710	MGN15711	MGN15712
	16	690	-	80	-	15788						
	25	690	120	-	-	15762						
	32	500	120	120	15763	15791						
	40	500	120	120	15764	15792						
	50	400	120	-	15765	-	3 modules of 9 mm	3 modules of 9 mm	6 modules of 9 mm	6 modules of 9 mm	9 modules of 9 mm	12 modules of 9 mm
22 x 58	32	690	-	80	-	15794	MGN15714	MGN15713	MGN15715	MGN15716	MGN15717	MGN15718
	40	690	80	80	15751	15795						
	50	690	80	80	15752	15796						
	63	690	80	80	15753	15797						
	80	690	80	80	15754	15798						
	100	500	120	-	15755	-	4 modules of 9 mm	4 modules of 9 mm	8 modules of 9 mm	8 modules of 9 mm	12 modules of 9 mm	16 modules of 9 mm

(1) The neutral pole comes equipped with a locked tube.

Connections and tightening torques

Fuse cartridge type	Stripping length	Rigid cable Multi-strand cable Cable with end piece	Rigid multi-cables	Flexible multi-cables or with end piece	Tightening torque	Posidriv
						
14 x 51	10 mm	2.5...25 mm <sup>2</sup>	2.5...10 mm <sup>2</sup>	2.5...10 mm <sup>2</sup>	3.5 N.m	Ø 5 mm
22 x 58	12 mm	2.5...35 mm <sup>2</sup>	2.5...25 mm <sup>2</sup>	2.5...16 mm <sup>2</sup>	3.5 N.m	Ø 6 mm