

FKS, MNS

Flat automotive fuses (FKS) for use with MNG, MEN and MDG power supplies. Snap adapter (MNS) allows MNG up to 5 A to be mounted on DIN-rail.

From page 4.13.2



UPS components

Using the UPS accessories, the MPS power supplies from 10 A upwards can be used to create a UPS power source

From page 4.13.3

FKS Automotive type fuse

Snap foot adapter for DIN-rail

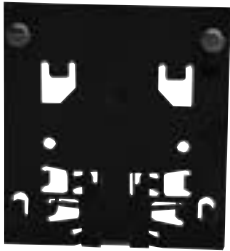
FKS

Automotive type fuse



MNS

Snap foot for DIN-rail (EN 50022)



Automotive type fuse				Art.-No.	Art.-No.
Fuse value					
FKS 2	grey	small	2 A	90400	
FKS 3	violet	small	3 A	90401	
FKS 4	pink	small	4 A	90402	
FKS 5	light brown	small	5 A	90403	
FKS 7,5	brown	small	7,5 A	90404	
FKS 10	red	small	10 A	90405	
FKS 15	light blue	small	15 A	90406	
FKS 20	yellow	small	20 A	90407	
FKS 25	white	small	25 A	90408	
FKS 30	light green	small	30 A	90409	
FKS 40	orange	small	40 A	90419	
FKS 40	orange	large	40 A	90411	
FKS 50	red	large	50 A	90412	
FKS 60	blue	large	60 A	90413	
Snap foot				Art.-No.	Art.-No.
					mounting dimensions a x b
MNS 1					56 x 47,5 mm
MNS 2,5					56 x 53,5 mm
MNS 3,5					64 x 62 mm
MNS 5					84 x 75,5 mm

Notes	The power supplies can be supplied with the snap adapter already mounted. Extend the Art.No. of the power supply with the number 89
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Batteries

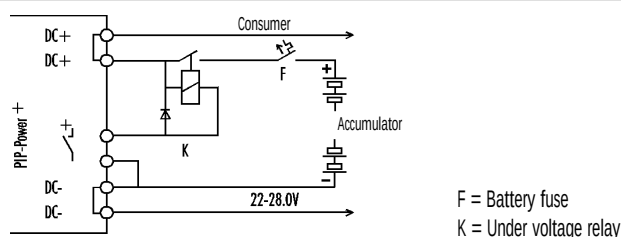
Under voltage relays

Battery fuses

UPS components



Circuit diagram



Batteries 12 V (2 required)

	Capacity	dimensions (L x B x H)	battery holder	mounting	Art.-No.
A512/ 2,0S	2 Ah	178,5 x 34,1 x 60,5 mm	1 x H1	E1	89631
A512/ 3,5S	3,5 Ah	134,0 x 66,8 x 60,0 mm	2 x H2	E2	89632
A512/ 6,5S	6,5 Ah	152,0 x 65,5 x 94,5 mm	1 x H1	E1	89634
A512/ 10,0S	10 Ah	152,0 x 98,0 x 94,5 mm	2 x H2	E2	89636
A512/ 25,0S	25 Ah	176,0 x 167,0 x 126,0 mm	2 x H2	E2	89639
A512/ 40,0A	40 Ah	210,0 x 175,0 x 175,0 mm	2 x H3	E2	89641
A512/ 55,0A	55 Ah	210,0 x 175,0 x 175,0 mm	2 x H3	E2	89643

Battery - under voltage relay

		Art.-No.
Relay 1	10 A	89510
Relay 2 + 3	20 A + 40 A	89512

Fuses

		Art.-No.
Battery fuse model 1	10 A	89520
Battery fuse model 2	20 A	89522
Battery fuse model 3	40 A	89524

Battery holder

	dimensions (L x B x H)	Art.-No.
H 1	132,0 x 30,0 x 85,0 mm	89530
H 2	177,0 x 40,0 x 137,0 mm	89531
H 3	277,0 x 40,0 x 195,0 mm	89532

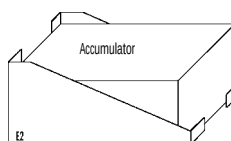
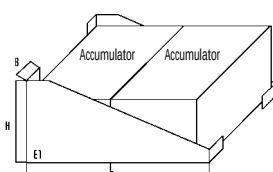
Diode block for redundancy

		Art.-No.
Diode block	20 A	89503

Mounting diagrams

E1

E2



Notes

For all UPS application 2 x 12V batteries are necessary