

FKS, MNS, MES, MBW

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.
Snap adapter (MES) allows MEN up to 5 A to be mounted on DIN-rail.
Snap adapter (MBW) allows MCS up to 10 A to be side mounting.

from page 4.9.2



UPS components

Using the UPS accessories, the MPS primary switch modes from 10 A upwards can be used to create a UPS power source.

from page 4.9.3

FKS Automotive type fuse

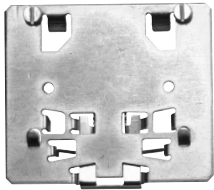
Snap foot adapter for DIN-rail

Screw mounting

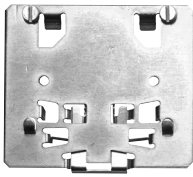
FKS
Automotive type fuse



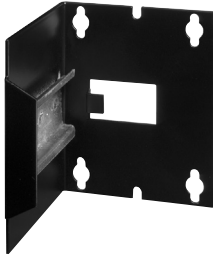
MNS
Snap foot for DIN-rail allows MNG



MES
Snap foot for DIN-rail allows MEN



MBW
Adapter for side mounting allows MCS



Automotive type fuse				Art.-No.			
FKS	2 A	gray	small	90400			
FKS	3 A	violet	small	90401			
FKS	4 A	pink	small	90402			
FKS	5 A	light brown	small	90403			
FKS	7.5 A	brown	small	90404			
FKS	10 A	red	small	90405			
FKS	15 A	light blue	small	90406			
FKS	20 A	yellow	small	90407			
FKS	25 A	white	small	90408			
FKS	30 A	light green	small	90409			
FKS	40 A	orange	large	90411			
FKS	50 A	red	large	90412			
FKS	60 A	blue	large	90413			
Snap foot adapter					Art.-No.	Art.-No.	Art.-No.
MNS	allows MNG	1 A			89430		
		2.5 A			89431		
		3.5 A			89432		
		5 A			89433		
MES	allows MEN	1 A				89440	
		2.5 A				89441	
		5 A				89443	
MBW	allows MCS	2.5 A					89851
		5 A					89852
		10 A					89853
MBW	allows MCS-B	0.6...2.5 A					89851
		5.0...10 A					89853
Screw mounting plate							Art.-No.
allows MCS-B		10 A					89514

Note

The power supplies can be supplied with the snap adapter already mounted (on request).

Batteries

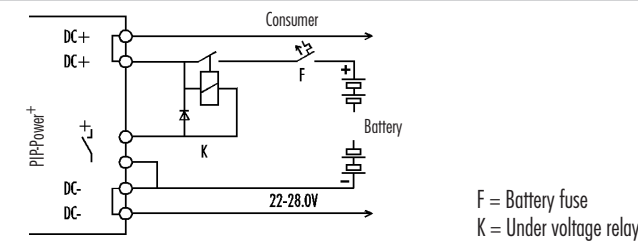
Under voltage relays

Battery fuses

UPS components



Circuit diagram



Batteries 12 V (2 required) ¹⁾					Art.-No.
	Capacity	dimensions (L x B x H)	battery holder	mounting	
A512/ 2.0S	12 V/ 2 Ah	178.5 x 34.1 x 60.5 mm	1 x H1	E1	89631
A512/ 3.5S	12 V/3.5 Ah	134.0 x 66.8 x 60.0 mm	2 x H2	E2	89632
A512/ 6.5S	12 V/6.5 Ah	152.0 x 65.5 x 94.5 mm	1 x H1	E1	89634
A512/ 10.0S	12 V/ 10 Ah	152.0 x 98.0 x 94.5 mm	2 x H2	E2	89636
A512/ 25.0S	12 V/ 25 Ah	176.0 x 167.0 x 126.0 mm	2 x H2	E2	89639
A512/ 40.0A	12 V/ 40 Ah	210.0 x 175.0 x 175.0 mm	2 x H3	E2	89641
A512/ 55.0A	12 V/ 55 Ah	210.0 x 175.0 x 175.0 mm	2 x H3	E2	89643

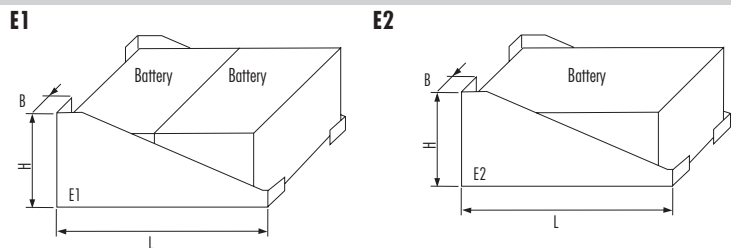
Battery - under voltage relay		Art.-No.
Relay 1 + 2	10 A + 20 A	89510
Relay 3	40 A	89513

Fuse		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		Art.-No.
	dimensions (L x B x H)	
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	40 A	896014

Mounting diagrams



Note	
¹⁾ Attention: For all UPS application 2 x 12 V batteries are necessary	