

## Compact Control Unit SHEV<sup>®</sup>

Safety on state of the art offers this compact SHEV<sup>®</sup> control. It's developed according to DIN EN 12101 part 9 and 10. Via the SHEV<sup>®</sup> stairwell plants are primarily equipped. It contains power supply, emergency power supply and the whole electronic to operate with 24 V DC actuators for window and smoke vent. The SHEV<sup>®</sup> controls the connected actuators in the case of fire as well as for the daily ventilation.



### Technical Data:

Electrical control unit type SHEV<sup>®</sup> Item number:

<b>Input voltage:</b>	230 V AC / 50 Hz
<b>Output voltage:</b>	24 V DC smoothed, stabilized
<b>Max current load:</b>	3,0 A / 6,0 A / 10,0 A
<b>Emergency supply:</b>	Lead storage battery 2,3 Ah or 7,2 Ah
<b>Housing:</b>	Plastic (RAL 7035), steel panel (RAL 9010) or in-wall-mounting housing
<b>Power supply:</b>	According to EN 12101-10
<b>Protection class:</b>	depending on housing! Plastic housing is IP66 by use of IP66 cable inlets
<b>Power failing bridging:</b>	at least 72h
<b>LED signs:</b>	Ready, Defect, Alarm
<b>Operation temperature range:</b>	- 5° up to + 40° C
<b>Cable monitoring:</b>	Actuators, emergency switches, smoke detectors and dry contact for fire alarm system
<b>Connections:</b>	Emergency switches: 1 main and max 7 off site units (type HE-075, HE-076), vent switches (type DT, ST), heat detector (type TH 70 Ö, TH 4860), smoke detector (type RM-3000, RM-2860), wind & rain detector (type WTS-892, WT-890), fire alarm signal
<b>Signaling Contacts:</b>	SHEV <sup>®</sup> 3/6: 2 potential-free change-over-contacts programmable over DIP-switch, maximal 30 V DC, 2 A

Article

<b>Load Current max. 3 A</b> Compact control unit SHEV® with load current max. 3 A		
Typ		Item number
SHEV® 3		ST4 3140
<b>Full time power:</b> <b>Housing:</b> <b>(W x H x D):</b> <b>Fuses:</b> <b>Number of Groups:</b> <b>Weight:</b>	50 W Plastic, grey 254 x 180 x 111 mm Power input: 1,25 A slow Output actuators: 3,15 A slow 1 SHE 1 Ventilation approx. 4,4 kg	
SHEV® 3 AP		ST4 3146
<b>Full time power:</b> <b>Housing:</b> <b>(W x H x D):</b> <b>Fuses:</b> <b>Number of Groups:</b> <b>Weight:</b>	50 W Steel panel, RAL 9010 (320 x 300 x 85 mm) Power input: 1,25 A slow Output actuators: 3,15 A slow 1 SHE 1 Ventilation approx. 6,50 kg	
SHEV® 3 UP		ST4 3143
<b>Full time power:</b> <b>Housing:</b> <b>(W x H x D):</b> <b>Fuses:</b> <b>Number of Groups:</b> <b>Weight:</b>	50 W Steel panel, in-wall-mounting housing (400 x 302 x 105 mm) (hole dimensions: 380 x 270 x 80 mm) Power input: 1,25 A slow Output actuators: 3,15 A slow 1 SHE 1 Ventilation approx. 7,00 kg	

<b>Load Current max. 6 A</b> Compact control unit SHEV® with load current max. 6 A		
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Typ	Item number
SHEV® 6	ST4 3141
<b>Full time power:</b> 100 W <b>Housing:</b> Plastic, grey <b>(W x H x D):</b> (361 x 254 x 111 mm) <b>Sicherungen:</b> Power input: 1,25 A slow Output actuators: 3,15 A slow <b>Number of Groups:</b> 1 RWA 1 Ventilation <b>Weight:</b> approx. 6,40 kg	
SHEV® 6 AP	ST4 3151
<b>Full time power:</b> 100 W <b>Housing:</b> Steel panel, RAL 9010 <b>(W x H x D):</b> (361 x 254 x 111 mm) <b>Sicherungen:</b> Power input: 1,25 A slow Output actuators: 3,15 A slow <b>Number of Groups:</b> 1 SHE 1 Ventilation <b>Weight:</b> approx. 7 kg	
SHEV® 602	ST4 3153
<b>Full time power:</b> 100 W <b>Housing:</b> Steel Panel, grau <b>(W x H x D):</b> 400 x 400 x 200 mm <b>Number of Groups:</b> 1 SHE 1 Ventilation <b>Weight:</b> approx. 10 kg	

**Load Current max. 10 A**

Compact control unit SHEV® with load current max. 10 A

Typ	Item number
SHEV® 10 AP	ST4 3407
<b>Properties:</b> power supply (switching power supply 10A, battery charging board LB 120, central vent module type WS-100, lead storage battery 7.2 Ah) furthermore of the module devices central relay module type ZL-100 and vent group module type MR-100 <b>Housing:</b> Steel Panel in RAL 7035, Dimensions W x H x D 400 x 400 x 200 mm <b>Number of</b> 1 SHE <b>Groups:</b> 1 Ventilation <b>Others:</b> IP 54, mounting plate with top hat rail for optional terminals	

## Spare storage batteries

Spare storage batteries for current and previous compact control units

Accessories	Item number
<b>SHEV-3(6)-Akkupack-2,3Ah auf Trägerplatte</b> SHEV® 3/6 Spare Storage Battery for panel in Plastic or in-wall-mounting housing	ST4 10130
<b>SHEV-3-AP-Akkupack-2,3Ah</b> SHEV® 3 AP - Spare storage battery for steel panel housing	ST4 10131
<b>SHEV-6-AP-Akkupack-2,3Ah</b> SHEV® 6 AP - Spare storage battery for steel panel housing	ST4 10132
<b>NC-2406 portrait format</b> NiCad storage batteries, 24 V / 0,6 Ah, bulk, for control panels before 1994	ST4 10105
<b>NC-2406-TK for control panels in transport box housing</b> NiCad storage batteries, 24 V / 0,6 Ah, bulk, for control panels type ES 3/1, RZ 4/1, ES 6/1 and all ESM 6 Amp.	ST4 10104
<b>NC-2406-LÖ with solid loops for self assembly</b> NiCad storage batteries, 24 V / 0,6 Ah, bulk, with solid loops for self assembly in control panels type RZ 040, RZ 140, RZ 272, ES 251, ES 601	ST4 10104 A
<b>NC-2412</b> NiCad storage batteries, 24 V / 1,2 Ah, bulk, for control panels type ESM 12 Amp, ESV 251	ST4 10106
Accessories	Item number
<b>SHEV-USB-100</b> USB Connecting Cable for SHEV® 3 and 6 for error analysis with PC	ST4 3365