

Article no. **AD-10-4710****Device holder for aspirating smoke detectors
Type MT-2**

**Device holder for stand-alone installation of TITANUS FUSION[®],
TITANUS PRO-SENS[®], TITANUS PRO-SENS[®]/net, TITANUS TOP-SENS[®]**

Data sheet excerpt:

Dimensions (W × H × D)	200 × 365 × 184 mm
Net weight	1.8 kg
Material	Steel sheet, painted
Color	RAL 9018, Papyrus white

VPE 1 pc

i Pipe adapter type PA-W-P or PA-W-A required

Performance characteristics:

- Cut-outs for pipe feed-through and adapter cable of the optional shutdown module

Article no. **01-10-9065****Pipe adapter
Type PA-W-P**

**Adapter for connecting the pipe system to an aspirating smoke detector
when using the device holder type MT-2**

Data sheet excerpt:

Operating temperature range	-10 °C to +60 °C
Material	PVC
Color	Dark gray

VPE 1 pc

Article no. **01-10-9265****Pipe adapter
Type PA-W-A**

**Adapter for connecting the pipe system to an aspirating smoke detector
when using the device holder type MT-2**

Data sheet excerpt:

Operating temperature range	-40 °C to +80 °C
Material	ABS
Color	Light gray

VPE 1 pc

Fire-resistant collar for air sampling pipe**Fire-resistant collar**

Fire-resistant collar for wall and ceiling feed-through of flammable pipe systems in firewalls; meets the requirements for fire resistance Class R90

Data sheet excerpt:

Operating temperature range	-35 °C to +105 °C
Material	ABS

i Approval number: Z-19.17-416

Article no. **01-10-8060****Performance characteristics:**

- Tested for fire resistance class R90 and approved for flammable pipes made of PVC and ABS
- Wall thickness for feed-through must be at least 175 mm

**Fire-resistant collar for firewalls
Type R90/<300**

Fire-resistant collar for wall and ceiling feed-through of flammable pipe systems in firewalls; to be used for walls and ceilings up to 300 mm thickness

VPE 1 pc

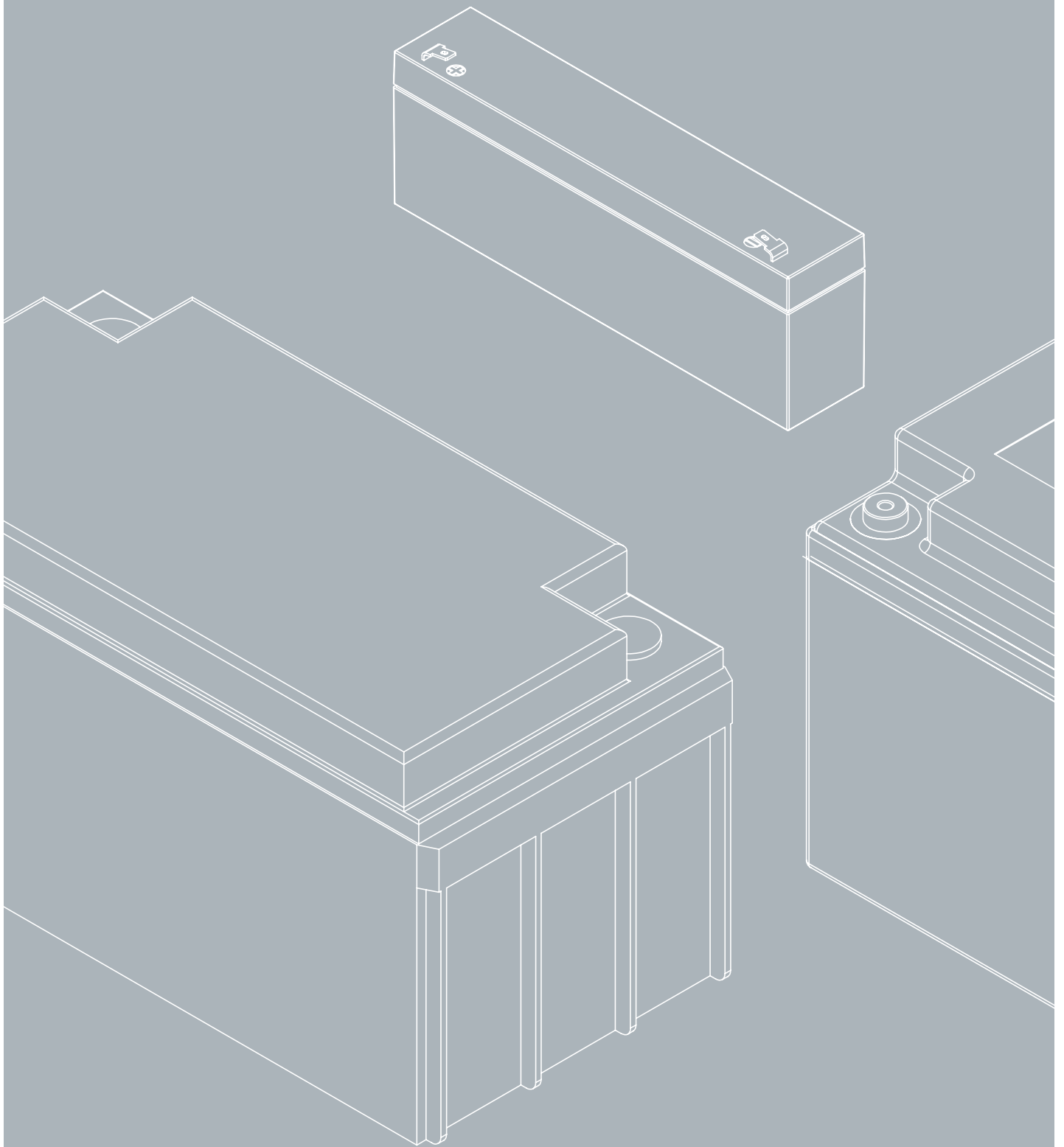
Article no. **01-10-8065****Performance characteristics:**

- Tested for fire resistance class R90 and approved for flammable pipes made of PVC and ABS up to an outer diameter of 140 mm
- Wall thickness for feed-through must be at least 175 mm

**Fire-resistant collar for firewalls
Type R90/>300**

Fire-resistant collar for wall and ceiling feed-through of flammable pipe systems in firewalls; to be used for walls and ceilings up to 300 mm thickness

VPE 1 pc



Power supplies

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For technical data and performance characteristics, please refer to the respective power supply types

Power supplies in housing

Power supplies for aspirating smoke detectors in wall housing

Common performance characteristics:

- Version in accordance with EN 54-4/A2
- Dry contacts for "mains fault" and "battery fault"
- Battery fusing
- Battery deep discharge protection
- Integrated overvoltage protection

Article no. **SV-10-0160**



Performance characteristics:

- Battery capacity 12 Ah
- Four visual status indicators at the housing front for "mains fault", "battery fault", "output voltage 1 present" and "output voltage 2 present"

Power supply Type BNL-3-12-H

Battery-buffered power supply in wall housing

VdS G 210040

Data sheet excerpt:

Input voltage	230 V +/- 15%, 50 to 60 Hz
Output voltage	27.2 V DC +/- 2%
Output current	3 A (incl. battery charge)
Max. contact load	24 V DC / 1 A or 120 V AC / 0.5 A
Operating temperature range	-5 °C to +40 °C
Dimensions (W x H x D)	248 x 322 x 126 mm
Housing material	Steel sheet / plastic
Housing color	Light gray

VPE 1 pc

Article no. **SV-10-0165****Performance characteristics:**

- Battery capacity 12 Ah
- Four visual status indicators at the housing front for "mains fault", "battery fault", "output voltage 1 present" and "output voltage 2 present"

**Power supply
Type BNL-3-24-H****Battery-buffered power supply in wall housing**VdS **G 210040****Data sheet excerpt:**

Input voltage	230 V +/- 15%, 50 to 60 Hz
Output voltage	27.2 V DC +/- 2%
Output current	3 A (incl. battery charge)
Max. contact load	24 V DC / 1 A or 120 V AC / 0.5 A
Operating temperature range	-5 °C to +40 °C
Dimensions (W x H x D)	289 x 350 x 189 mm
Housing material	Steel sheet
Housing color	Light gray

VPE 1 pc

Article no. **SV-10-0170****Performance characteristics:**

- Battery capacity 12 Ah
- Four visual status indicators at the housing front for "mains fault", "battery fault", "output voltage 1 present" and "output voltage 2 present"

**Power supply
Type BNL-6-24-H****Battery-buffered power supply in wall housing**VdS **G 210041****Data sheet excerpt:**

Input voltage	230 V +/- 15%, 50 to 60 Hz
Output voltage	27.2 V DC
Output current	6 A (incl. battery charge)
Max. contact load	24 V DC / 1 A or 120 V AC / 0.5 A
Operating temperature range	-5 °C to +40 °C
Dimensions (W x H x D)	289 x 350 x 189 mm
Housing material	Steel sheet
Housing color	Light gray

VPE 1 pc

Article no. **SV-10-0185**
Power supply
Type AkkuTEC 2412 VdS C
VdS G 209167
Data sheet excerpt:

Input voltage	230 V +/- 15%, 50 to 60 Hz
Output voltage	21.6 to 28.3 V DC
Output current	12 A (incl. battery charge)
Max. contact load	30 V DC/0.5 A
Operating temperature range	-5 °C to +40 °C
Dimensions (W x H x D)	464 x 608 x 213 mm
Housing material	Steel sheet
Housing color	Light gray

VPE 1 pc
Performance characteristics:

- Min. battery capacity: 26 Ah
- Max. battery capacity: 65 Ah
- Four visual status indicators at the housing front for "operation", "collective fault", "mains fault" and "battery fault"

For technical data and performance characteristics, please refer to the respective power supply types

Power supplies 482.6 mm (19")

Power supplies and installation accessories for aspirating smoke detectors for installation in 482.6 mm (19") subracks

Common performance characteristics:

- Version in accordance with EN 54-4/A2
- Dry contacts for "mains fault" and "battery fault"
- Battery fusing
- Battery deep discharge protection
- Integrated overvoltage protection

Article no. **SV-10-0460**



Performance characteristics:

- Battery capacity 2 × 12 V DC / 38 Ah
- Four visual status indicators for "mains fault", "battery fault", "output voltage 1 present" and "output voltage 2 present"

Power supply Type **BNL-6-38-R**

Battery-buffered power supply in 482.6 mm (19") frame

Data sheet excerpt:

Input voltage	230 V +/- 15%, 50 to 60 Hz
Output voltage	27.2 V DC +/- 2%
Output current	6 A (incl. battery charge)
Max. contact load	24 V DC / 1 A or 120 V AC / 0.5 A
Operating temperature range	-5 °C to +40 °C
Dimensions (W × H)	482.6 × 133.5 mm
Dimensions (19")	3 U, 84 DU
Color	Light gray

VPE 1 pc

Article no. **SV-10-0470**



Performance characteristics:

- Battery capacity 2 × 12 V DC / 65 Ah
- Four visual status indicators for "mains fault", "battery fault", "output voltage 1 present" and "output voltage 2 present"

Power supply Type **BNL-8-65-R**

Battery-buffered power supply in 482.6 mm (19") frame

VdS **G 210140**

Data sheet excerpt:

Input voltage	230 V +/- 15%, 50 to 60 Hz
Output voltage	27.2 V DC +/- 2%
Output current	8 A (incl. battery charge)
Max. contact load	24 V DC / 1 A or 120 V AC / 0.5 A
Operating temperature range	-5 °C to +40 °C
Dimensions (W × H × D)	482.6 × 133.5 mm
Dimensions (19")	3 U, 84 DU
Color	Light gray

VPE 1 pc

Article no. **SV-10-0480****Performance characteristics:**

- Battery capacity 2 × 12 V DC / 65 Ah
- Four visual status indicators at the housing front for "mains fault", "battery fault", "output voltage 1 present" and "output voltage 2 present"

Power supply
Type BNL-12-65-R


Battery-buffered power supply in 482.6 mm (19") frame;
prepared for connection of two external batteries (max. 12 V / 65 Ah)
on the bottom of the 19" cabinet

VdS **G 210081**
Data sheet excerpt:

Input voltage	230 V +/- 15%, 50 to 60 Hz
Output voltage	27.2 V DC +/- 2%
Output current	12 A (incl. battery charge)
Max. contact load	24 V DC / 1 A or 120 V AC / 0.5 A
Operating temperature range	-5 °C to +40 °C
Dimensions (W × H)	482.6 × 133.5 mm
Dimensions (19")	3 U, 84 DU
Color	Light gray

VPE 1 pc

Batteries - Typically locally purchased batteries

Batteries	
Maintenance-free lead batteries for integration in battery-buffered power supplies	
Data sheet excerpt:	
Operating temperature range	0 °C to +40 °C
Performance characteristics	With VdS approval
VPE	1 pc
	

Sample photo

Batteries					
Capacity [Ah]	Dimensions [mm]	Weight, gross [kg]	VdS number	Article number	Type
2.1	178 × 35 × 66	1.0	G 103115	10-90-0200	CT2.1-12
7	151 × 65 × 99	2.4	G 103049	10-90-0300	CT7-12
12	155 × 100 × 100	3.8	G 103050	10-90-0450	CT12-12
17	181 × 77 × 167	5.7	G 103051	10-90-0500	CT17-12
18	181 × 167 × 77	5.3	G 114019	10-90-0510	CT18-12
24	180 × 130 × 175	8.3	G 103052	10-90-0600	CT24-12
26	175 × 166 × 125	8.2	G 109112	10-90-0610	CT26-12
38	200 × 175 × 165	13.0	G 103053	10-90-0700	CT38-12
44	198 × 157 × 167	13.3	G 111002	10-90-0710	CT44-12
65	348 × 178 × 167	21.0	G 104035	10-90-0800	CT65-12

Electrical accessories for installing power supplies

Electrical accessories

Electrical accessories for installing power supplies in subracks with 482.6 mm design (19")

Article no. **SV-10-0410**



Fuse module

Type FU-1

Extension module for individual fusing of the consumers connected to a power supply

Data sheet excerpt:

Micro-fuses	5 × 1 A / slow-blow
Dimensions (W × H × D)	90 × 100 × 35 mm

VPE 1 pc

Performance characteristics:

- Up to five consumers can be connected

Article no. **SV-10-0415**



Fuse module

Type FU-2

Extension module for individual fusing of the consumers connected to a power supply

Data sheet excerpt:

Micro-fuses	3 × 4 A / fast-blow
Dimensions (W × H × D)	43 × 78 × 25 mm

VPE 1 pc

Performance characteristics:

- Up to three consumers can be connected

Article no. **SV-10-0420****Performance characteristics:**

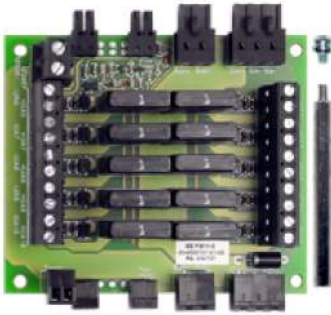
- Up to five consumers can be connected

**Fuse module
Type FU-3**

Extension module for individual fusing of the consumers connected to a power supply

Data sheet excerpt:

Micro-fuses	5 × 4 A / fast-blow
Dimensions (W × H × D)	59 × 99 × 25 mm
VPE	1 pc

Article no. **SV-10-0430****Performance characteristics:**

- Up to 10 consumers can be connected

**Fuse module
Type FU-4**

Extension module for individual fusing of the consumers connected to a power supply

Data sheet excerpt:

Micro-fuses	10 × 1 A / slow-blow
Dimensions (W × H × D)	120 × 107 × 68 mm
VPE	1 pc

Mechanical accessories for installing power supplies**Mechanical accessories**Article no. **08-20-1100****Battery holder
Type AF-1**

Battery holder for cabinet system TS 8806

VPE 1 pc

Article no. **08-20-1110****Profile rail for battery holder
Type PB-AF-1**

Profile rail for attaching batteries to the battery holder type AF-1

VPE 1 pc