

- 1 D+H Mechatronic (english)**
- 1.1 RZN-T Series**
- 1.1.1 SHEV control panel set - RZN 4503-T Set, orange**

#### **24 V DC / 3 A / 1 line / 1 drive group**

##### **Performance features:**

Central unit with integrated SHEV main operation panel and ventilation button in a solid fire-proof aluminium housing. The SHEV control panel is tested and certified according to ISO 21927-9, VdS 2581, VdS 2593, VdS 2344 and DIN EN 12101-10 and also fulfils the building authority requirements in accordance with DIN 18232-9. A stabilised output voltage is provided by the control panel. A maximum of 8 SHEV operation panels and 14 fire detectors can be connected per line. Only detectors approved by D+H may be used for the connection of fire detectors. An integrated emergency battery power for at least 72 hours is integrated in the housing. Switchable SHEV safety functions: Fault equal to alarm. SHEV retriggering function, smoke detector remote reset, cable monitoring for short circuit and interruption can be realised with the control unit. The control unit has a slot for an additional module. Connection options for optical and acoustic alarm devices are also available. The additional module can be used for daily ventilation, ventilation time and opening width can be set on the central unit. Battery charging is temperature-controlled - charge and status checks are displayed. An optional wind / rain sensor can be connected without an additional module. The control unit has 2 freely programmable and isolated signalling contacts.

##### **Set consisting of:**

SHEV control panel;  
External RT 45 button or manually triggering a SHEV system in case of fire;  
Fire detector SD-O 371;  
Batterie for providing 72 hours of emergency power;

##### **Technical data - Control panel RZN 4503-T:**

Supply: 230 V AC / 50 Hz / 100 VA  
Stand-by power: < 5 W  
Output: 24 V DC / 3 A  
Ripple: < 0.5 mVss  
Mode of operation  
-Monitoring: Continuous duty  
-Alarm / Ventilation: Short-time duty (30 % duty cycle)  
Type of protection: IP 30  
Temperature range: -5 °C till +40 °C  
Line / Group: 1 / 1  
Housing: Aluminium  
Colour: Orange (~ RAL 2011)  
Dimensions (WxHxD): 156 x 235 x 82 mm

##### **Technical data - RT 45:**

Supply: 24 V DC (18 - 28 V DC)  
Type of protection: IP 40  
Temperature range: -5 °C till +40 °C  
Housing: Die-cast aluminium (surface-type housing)  
Colour: Orange (~ RAL 2011)  
Dimensions (WxHxD): 129 x 138 x 39 mm

##### **Technical data - SD-O 371:**

Nominal voltage: 24 V DC  
Monitoring area: max. 110 m<sup>2</sup>  
Monitoring height: max. 12 m  
Alarm indicator: LED rot

Temperature range: -20 °till +72 °C  
Air humidity: ≤? 95 %  
Type of protection: IP 40  
Connection terminals: 0.6 mm Ø till 2 mm<sup>2</sup>  
Housing: ABS  
Colour: White (~ RAL 9010)  
Specification: EN 54-7  
VdS approval: G 213066

**Technical data - Akku Typ 8:**

Voltage: 12 V DC  
Battery capacity: 3.4 Ah ±15 %  
Dimensions (WxHxD): ca. 134 x 66 x 67 mm

**Scope of supply:**

Control board in lockable surface-type housing with lockable door, spare key, designations labels in 32 languages, RT 45, SD-O 371 and integrated emergency power supply (1x Akku Typ 8)

Brand: D+H Mechatronic AG  
Type: RZN 4503-T Set

[Planning Support](#)

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**Quantity:** ..... Stk    **Preis:** ..... €    **TP:** ..... €