

**Rittal**  
**SK**



**DK Dachlüfter**

**DK roof mounted fan**

**Paroi intérieure pour ventilateurs DK**

**DK dakventilator**

**DK takfläkt**

**Ventilatore da tetto DK**

**Ventiladores de techo DK**

**SK 3164.610 SK 3164.810**

**SK 3164.620 SK 3164.820**

**SK 3164.115**

**SK 3164.230**

**Montageanleitung**

**Assembly instructions**

**Notice de montage**

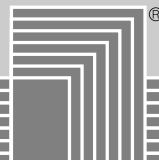
**Montage-instructie**

**Montageanvisning**

**Istruzioni di montaggio**

**Instrucciones de montaje**

**取扱説明書**



**Umschalten auf Perfektion RITTAL**

## 1. Technical data

Model No. SK DK roof fan with roof panel		3164.610	3164.620	3164.810	3164.820
Dimension roof panel	W	800		900	
W x H x D mm	H	240		240	
	D	800		900	
Model No. SK DK roof fan without roof panel		3164.115	3164.230	-	
Dimensions fan	W	511		-	
W x H x D mm	H	227		-	
	D	511		-	
Rated voltage Volt/Hz		115/50/60	230/50/60	115/50/60	230/50/60
Air throughput, unimpeded airput		1540/1460 m <sup>3</sup> /h*			
Rated current per fan		0.6 A/0.7 A	0.3 A/0.35 A	0.6 A/0.7 A	0.3 A/0.35 A
Power		68 W/81 W			
Temperature range		- 10 °C to + 55 °C			
Noise level		40 dB (A)**			
Colour		RAL 7035			

\* 800 m<sup>3</sup>/h at a counter pressure of 40 Pa when using two louvre plates DK-PS 7580.500 in the enclosure plinth.

\*\* The noise level of the SK 3164.115 / .230 – 40 dB (A) – depends on its installation.

## 2. Assembly

The DK roof fan is to be screwed to the corresponding enclosure with compatible dimensions, as a complete roof unit. See assembly instructions (page 10).

In order to fix the DK roof fan SK 3164.115 / .230, make the corresponding cut-out in the enclosure roof (page 11).

Position 1. (SK 3164.115 / .230)

The roof fan has to be earthed to the enclosure at this screw.

Position 2. (SK 3164.115 / .230)

Unscrew 8 x M5 nuts and serrated washers of the roof fan. Place the roof fan on the pre-arranged cut-out.

Fix the roof fan with nuts and serrated washers inside the enclosure roof.

## 3. Electrical connection

The connection voltage and frequency must correspond to the rated values quoted on the nameplate. Observe the relevant regulations of the local electric supply company.

Electronical connection and repair must be carried out by authorised specialists only. Only use original replacement parts!

## 4.1 Scope of supply

(SK 3164.610 / .620 / .810 / .820)

1 air exchanger mounted to the roof panel  
1 set of assembly instructions and fixing materials.

## 4.2 Scope of supply

(SK 3164.115 / .230)

1 fully wired fan  
1 set of assembly instructions

## 5. Warranty

We will guarantee this unit, if used correctly, for 1 year in respect of materials and manufacture faults, from the first day of its supply.

## 6. Spares list

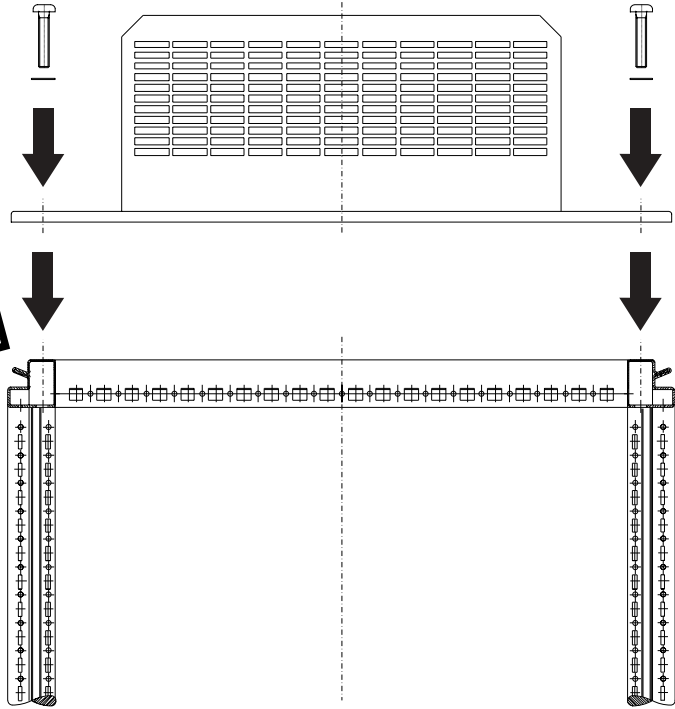
6.1 Thermostat SK 3110.000

6.2 Temperature indicator with switch contact SK 3114.100 / .115 (for 230 V and 115 V AC fans)

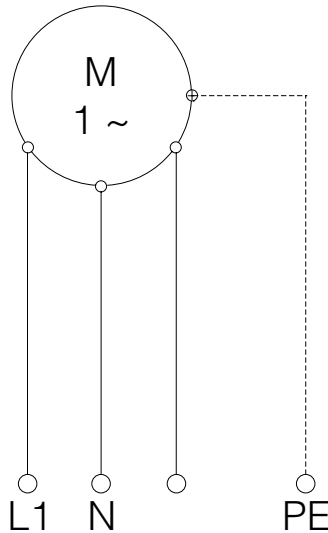
6.3 Speed control for SK 3120.000 / .115 (for 230 V and 115 V AC fans)

**Montage**  
**Installation**  
**Montage**  
**Montage**  
**Montaggio**  
**Montaje**

SK 3164.610  
SK 3164.620  
SK 3164.810  
SK 3164.820



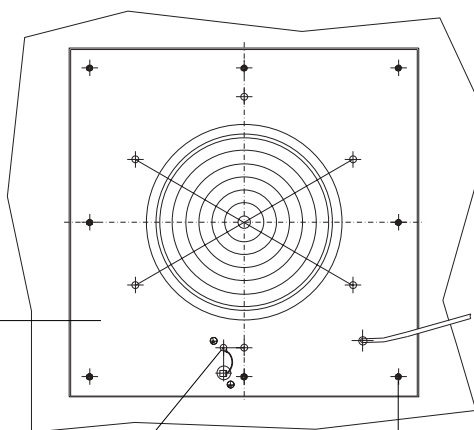
**Anschlußschema**  
**Wiring diagram**  
**Schema électrique**  
**Aansluitschema**  
**Anslutningsschema**  
**Schema allacciamenti**  
**Esquema de conexiones**



**Montage**  
**Installation**  
**Montage**  
**Montage**  
**Montaggio**  
**Montaje**

**SK 3164.115**  
**SK 3164.230**

Unterseite Dachlüfter  
 Lower side of roof fan  
 Partie inférieure du ventilateur  
 Onderzijde dakventilator  
 Undersida takfläkt  
 Parte inferiore ventilatore da tetto  
 Parte inferior ventilador de techo

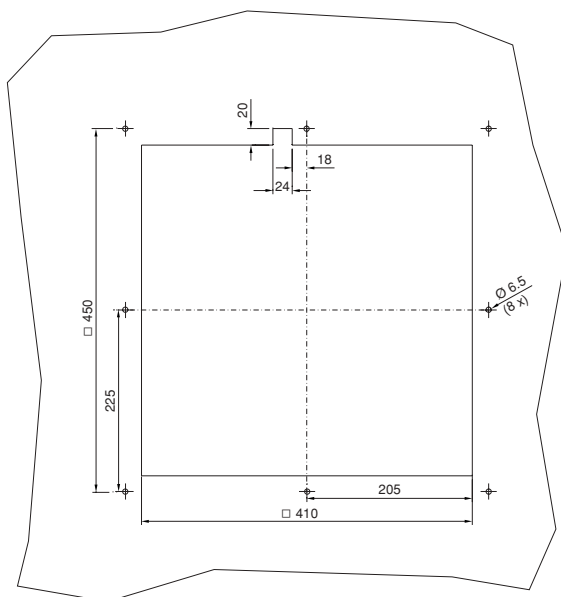


Pos. 1

Pos. 2

**Montageausschnitt**  
**Mounting cut-out**  
**Découpe de montage**  
**Montage-uitsparingen**  
**Håtagning**  
**Dime di foratura**  
**Recorte del montaje**

**SK 3164.115**  
**SK 3164.230**





Schaltschrank-Systeme  
Enclosure systems  
Systèmes d'armoires électriques  
Schackelkastsystemen  
Apparatskåpsystem  
Sistemi di armadi per quadri di comando  
Sistemas de armarios  
エンクロージャーシステム



Elektronik-Aufbau-Systeme EL  
Electronic systems EL  
Systèmes de montage électroniques EL  
Elektronica-opbouwsystemen EL  
Elektroniksystem EL  
Sistemi di allestimento EL per l'elettronica industriale  
Sistemas de soporte electrónicos EL  
エレクトロニクスエンクロージャーシステム EL



Schaltschrank-Klimatisierung und Maschinenkühlung SK  
Enclosure climate control and machine cooling SK  
Clim. d'armoires et refroidissement de machines SK  
Schackelkastklimaatebeheersing en machinekoeling SK  
Apparatskåpsklimatisering och maskinkylning SK  
Climatizzazione per armadi di comando e raffreddamento impianti  
Climatización de armarios y máquinas SK  
エンクロージャー/マシーン用空調システム製品 SK



Stromverteilungs-Komponenten SV  
Power distribution components SV  
Composants de distribution de courant SV  
Stroomverdelingscomponenten SV  
Strömfordelingskomponenter SV  
Componenti SV per la distribuzione di corrente elettrica  
Componentes de distribución de corriente SV  
フスパー分電・配電システム SV



Datenübertragungs-Komponenten DK  
Data communication components DK  
Composants de distribution de données informat. DK  
Data-overdrachtscomponenten DK  
Dataöverföringskomponenter DK  
Armadi e contenitori DK per trasmissione dati e telefonia  
Componentes de la transmisión de datos  
データ通信用ラックシステム DK



Outdoor-Gehäuse CS  
Outdoor enclosures CS  
Armoires outdoor CS  
Outdoor-behuizingen CS  
Utomhusskåp CS  
Armadi modulari CS per applicazioni da esterno  
Cajas para la Intemperie CS  
アウトドアエンクロージャーシステム CS

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