■ Reverser switch
□ Surface-mounted installation

WS

WS Ref. no. 01271

For switching the air flow direction of 1~ and 3~ high-performance axial fans.
Installation: Surface-mounted. With screw attachment (M 3).
Assignment as specified in type table on product pages.

Load capacity	AC 3 / 5.5 kW
Voltage	230 V, 1~, 50/60 Hz 400 V, 3~, 50/60 Hz
Protection category	IP65
Wiring diagram no.	1443
Net weight approx.	0.31 kg
Dim. mm	W 90,5 x H 90,5 x D 105
Casing	Plastic, grey

■ Reverser switch, speed switch and on/off switch
□ Installation in flush-mounted switch box

DSEL 2

DSEL 2 Ref. no. 01306

1. **Speed switch** and on/off switch for fans with two performance levels like ELS-V 60/35, -VN 100/60.
2. **Reverser switch** for switching the air flow direction of reversible fans (for supply and extract ventilation) and on/off switching.
Assignment as specified in type table on product pages.

Two replacement rockers with symbols for speed change or reversing operation included in delivery. Colour pure white.

Load capacity	3 A (ind.)
Voltage	230 V, 1~, 50/60 Hz
Protection category	IP30
Installation	in standard flush-m. box
Wiring diagram no. – two level	827
– reversing operation	828
Dim. mm	W 80 x H 80 x D 15
Weight approx.	0.1 kg

■ Three level speed switch and operating switch with 0 position
□ Installation in flush-mounted switch box

DSEL 3

Convenient flush-mounted speed switch for fans with three performance levels. Room light cannot be connected in parallel.

Voltage	230 V, 1~, 50/60 Hz
Weight approx.	0.1 kg

DSEL 3 Ref. no. 01611

Can be used with fan types ELS-V 100/60/35.

DSZ Ref. no. 01598

Can be used with central extract ventilation box ZEB EC.

Type DSEL 3

Load capacity	3 A (ind.)
Protection category	IP30
Installation	in standard flush-m. box
Wiring diagram no.	See fan type
Dim. mm	W 80 x H 80 x D 23

Type DSZ

Load capacity	AC 3 / 2.2 kW, AC 15 / 6 A
Protection category	IP20
Installation	in flush-m. box 55 mm deep
Wiring diagram no.	735
Dim. mm	W 80 x H 80 x D 23

■ Speed switch, operating switch and reverser switch
□ Surface-mounted and flush-mounted installation possible

FR 22/30

FR 22/30 Ref. no. 00998

For switching fan type GX 225 or 300.
For surface-mounted and flush-mounted installation in dry rooms. Three slide switches perform the following functions: Two-pole operating switch on/off with operating display, high or low speed and reverser switch (supply and extract ventilation).

Load capacity approx.	0.8 A (ind.)
Voltage	230 V, 1~, 50/60 Hz
Protection category	IP20
Dim. mm	W 210 x H 85 x D 55
Weight approx.	1.2 kg
Wiring diagram no.	497
Casing	Plastic, white

■ Isolator switch
□ 3-pole with auxiliary contact for direct start-up

RS 3+1 7.5

RS 3+1 7.5 Ref. no. 06387

Plastic casing for surface-mounted installation. Locking options in “0 OFF” and “I ON” positions.

Technical data

Voltage	400 V, 3~, 50/60 Hz
Operating current	20 A
Load capacity	AC–23 B, 7.5 kW
Protection category	IP65
Protection class	II
Actuation	Rotary drive
Temperature range	–25 to +60 °C
Dim. mm	W 90.5 x H 90.5 x D 102
Weight approx.	0.3 kg
Wiring diagram no.	1088
Casing	UV-resistant and weather-resistant

■ Isolator switch
□ 6-pole with auxiliary contact for Dahlander winding or Y/△ start-up

RS 6+1

RS 6+1 7.5 Ref. no. 06388

Load capacity	20 A, AC–23 B, 7.5 kW
Dim. mm	W 90.5 x H 90.5 x D 139
Weight approx.	0.4 kg

RS 6+1 11 Ref. no. 06389

Load capacity	25 A, AC–23 B, 11 kW
Dim. mm	W 115 x H 115 x D 163
Weight approx.	0.6 kg

Technical data

Voltage	400 V, 3~, 50/60 Hz
Protection category	IP65
Protection class	II
Actuation	Rotary drive
Locking options	“0 OFF” and “I ON”
Temperature range	–25 to +60 °C
Wiring diagram no.	1088
Casing	UV-resistant and weather-resistant for surface-mounted installation

■ Isolator switch/main switch
□ 3-pole with auxiliary contact

RHS 3+1

RHS 3+1 Ref. no. 01594

"0" position can be locked with a padlock. In accordance with DIN EN 60204 p.1/VDE 0113-1. Plastic casing for surface-mounted installation. 3-pole with auxiliary contact, for single-speed and speed-controlled fans.

Technical data

Voltage	400 V, 3~, 50 Hz
Load capacity	
– Main contact	AC 3 / 5.5 kW 12 A ind.
– Aux. contact	AC 3 / 2.2 kW 4 A ind.
Protection category	IP54
Dim. mm	W 101 x H 126 x D 104
Weight approx.	0.35 kg
Wiring diagram no.	505.2

■ Isolator switch/main switch
□ 6-pole with 2 aux. contacts

RHS 6+2

RHS 6+2 Ref. no. 01595

"0" position can be locked with a padlock. In accordance with DIN EN 60204 p.1/VDE 0113-1. Plastic casing for surface-mounted installation. 6-pole with 2 auxiliary contacts, for all pole-changing fans.

Technical data

Voltage	400 V, 3~, 50/60 Hz
Load capacity	AC 3 / 5.5 kW
Protection category	IP65
Dim. mm	W 90,5 x H 90,5 x D 140
Net weight approx.	0.41 kg
Wiring diagram no.	1440

■ Pole changing switch
□ for separate winding PGWA
□ for Dahlander winding PDA

Surface-mounted

PGWA / PDA

Surface-mounted operating switch for pole-changing fans.

Type	Ref. no.	Load capacity	No.
For separate winding			
PGWA 25	40791	AC 3/5.5 kW 25 A	1554
PGWA 40	40792	AC 3/15 kW 40 A	1554
For Dahlander winding			
PDA 25	40789	AC 3/5.5 kW 25 A	1552
PDA 40	40790	AC 3/15 kW 40 A	1553

Technical data for all types

Voltage	400 V, 3~, 50/60 Hz
Protection category	IP65

Type	Dim. mm			Weight
	B	H	T	aprx. kg
PGWA 25	90.5	90.5	102	0.31
PGWA 40	115	115	129	0.61
PDA 25	90.5	90.5	139	0.42
PDA 40	115	115	156	0.69

■ Reverser and pole changing switch
□ for separate winding PGWA
□ for Dahlander winding PDA

Surface-mounted

PWGW / PWDA

PWGW Ref. no. 01281
For separate winding

PWDA Ref. no. 01282
For Dahlander winding

For speed switching and changing the air flow direction of individual pole-changing fans.
Grey plastic casing.

Technical data for all types

Voltage	400 V, 3~, 50/60 Hz
Load capacity	AC 3 / 11 kW
Protection category	IP65
Dim. mm	W 115 x H 115 x D 160
Net weight approx.	0.59 kg (PWGW) 0.61 kg (PWDA)
Wiring diagram no.	1434 (PWGW) 1435 (PWDA)

■ Speed switch DS 2

□ for two-speed Y/Δ switchable three-phase current fans

□ for two level alternating current fans (SlimVent, RR)

DS 2

DS 2 Ref. no. 01351

Speed switch and on/off switch for two-speed three-phase current fans in Y/Δ connection. Grey plastic casing for surface-mounting.

DS 2/2 Ref. no. 01267

Speed switch and on/off switch for two-speed 1~ fans,
Types RR and SlimVent SVR, SVS.

Technical data for all types

Voltage	400 V, 3~, 50/60 Hz
Load capacity	AC 3 / 5.5 kW / 25 A
Protection category	IP65
Type DS 2:	
Dim. mm	W 90,5 x H 90,5 x D 140
Net weight approx.	0.42 kg
Wiring diagram no.	1437
Type DS 2/2:	
Dim. mm	W 90,5 x H 90,5 x D 105
Net weight approx.	0.29 kg
Wiring diagram no.	1442