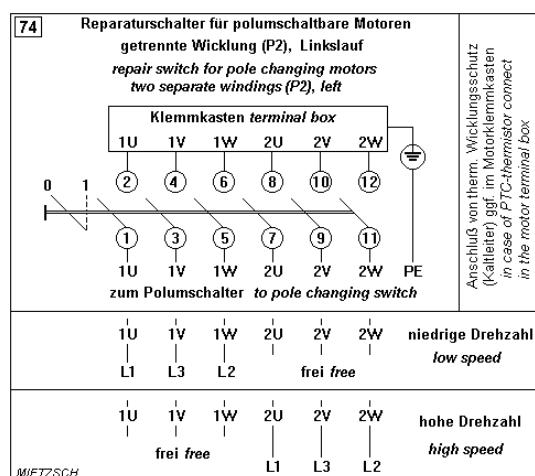
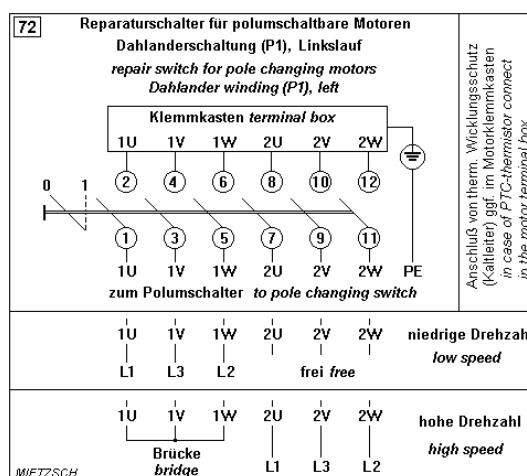
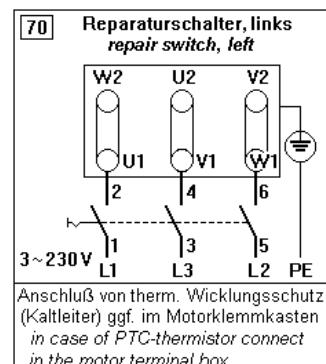
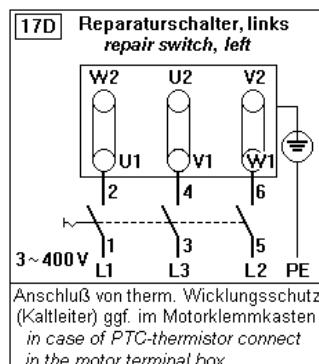
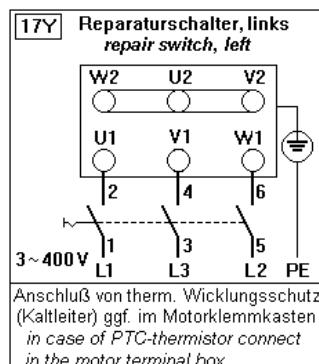
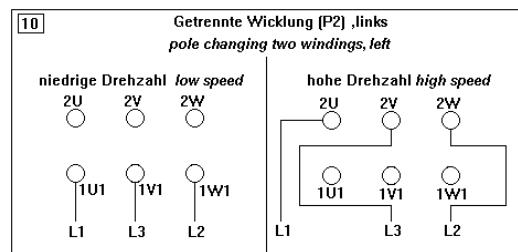
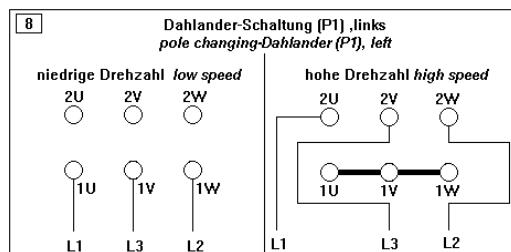
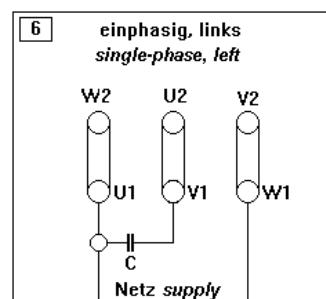
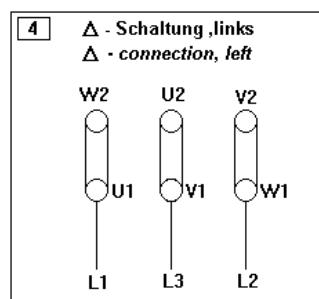
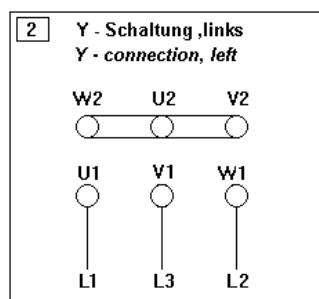


# Ventilatoren mit Normmotor Baureihe VRE, VRR/702, VRV, VRK, VRB fans with norm motor series VRE, VRR/702, VRV, VRK, VRB

Schaltbilder Drehrichtung links / connection diagrams rotation left

**MIETZSCH**

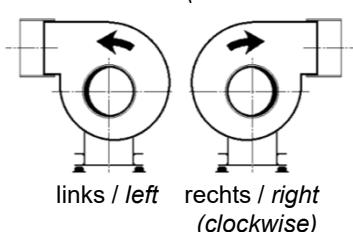


Die dargestellten Schaltbilder gelten für die Drehrichtung links. Zur Änderung der Drehrichtung sind zwei Anschlüsse der Zuleitung zu tauschen (z.B. L2 und L3). Die Dachventilatoren VRR/702 und VRV, die Kanalventilatoren VRK und die Ventilatorbox VRB werden standardmäßig in der Drehrichtung links geliefert.

The shown connection diagrams refer to direction of rotation left. Rotation is reversed by changing of any two phases of the supply (e.g. L2 and L3).

The roof fans VRR/702 and VRV, the inline duct fans VRK and the fan box VRB are supplied in the direction left (anti-clockwise).

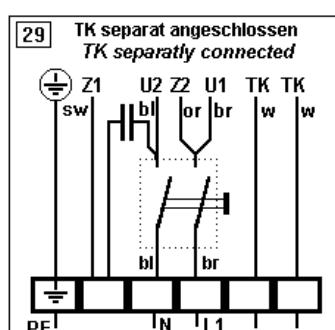
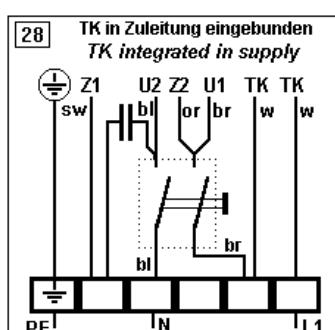
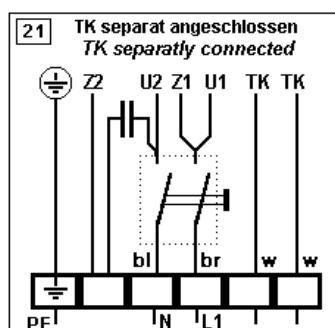
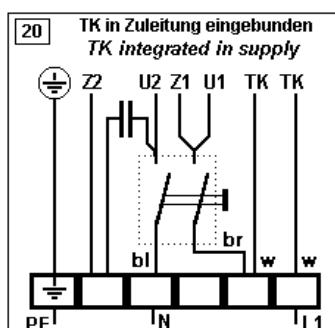
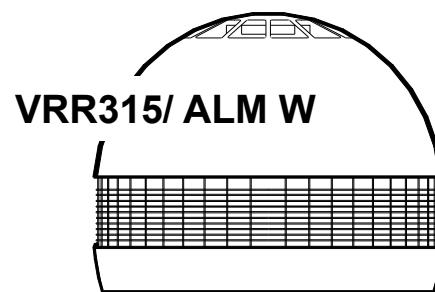
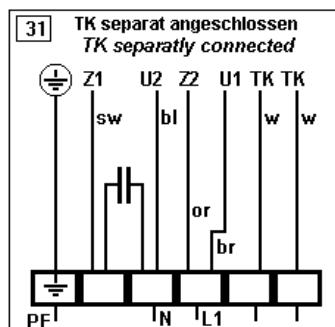
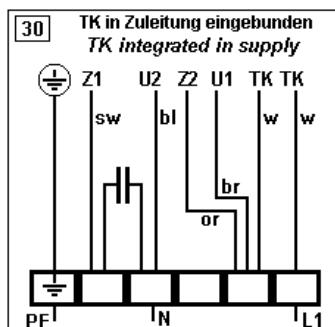
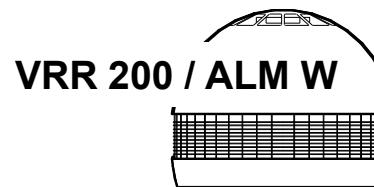
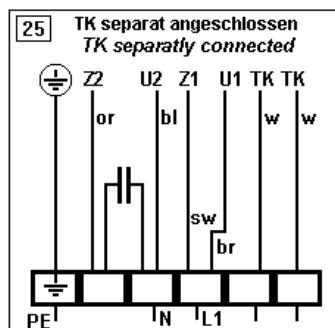
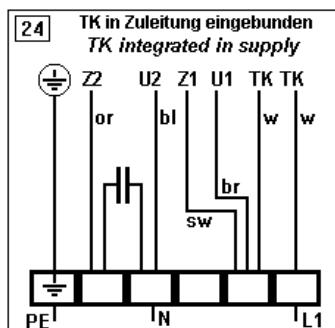
Drehrichtung (Blick von der Ansaugseite)  
direction of rotation (view from inlet side)



Technische Änderungen sind möglich!  
Es gelten jeweils die aktuellen Schaltbilder im Anschlußkasten des Ventilators!  
Technical changes are possible! In each case the diagrams in the terminal box of the fan are valid!

**Dachventilatoren mit Außenläufermotor Baureihe VRR / ALM**  
**Roof fans with external rotor motor series VRR / ALM**  
**Schaltbilder / connection diagrams**

**MIETZSCH**

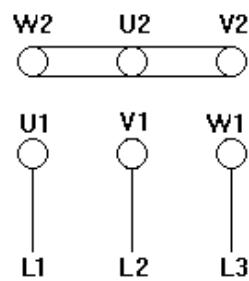


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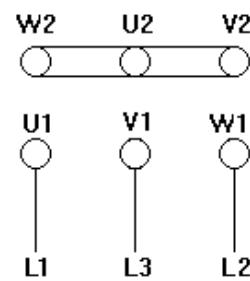
# Schaltbilder für Ventilatoren

## Connection diagrams for fans

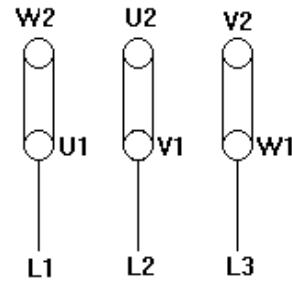
1 Y - Schaltung ,rechts  
Y - connection, right



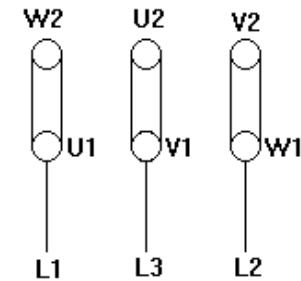
2 Y - Schaltung ,links  
Y - connection, left



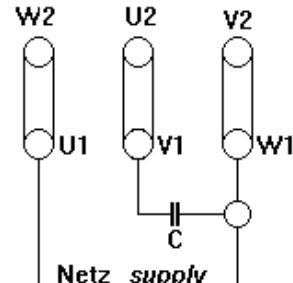
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Δ - connection, right



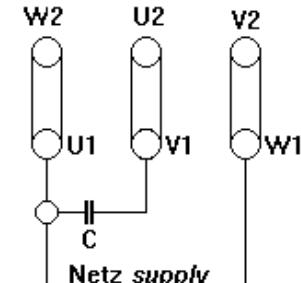
4 Δ - Schaltung ,links  
Δ - connection, left



5 einphasig, rechts  
single-phase, right

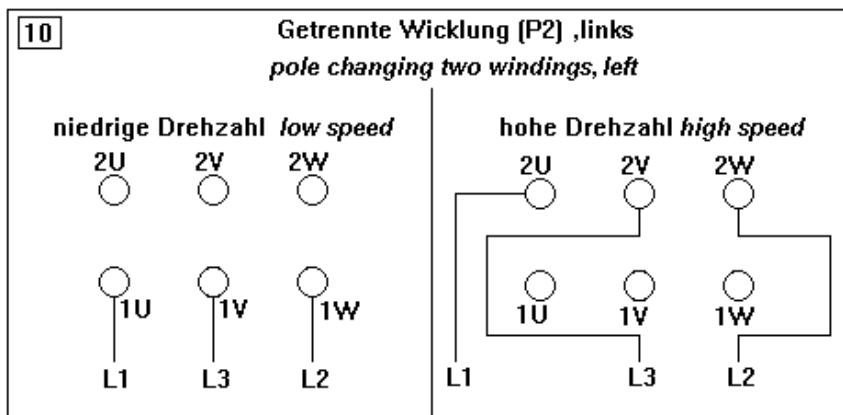
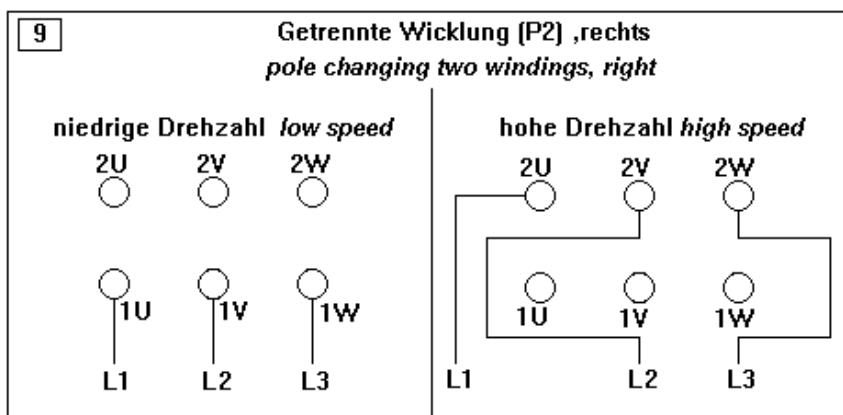
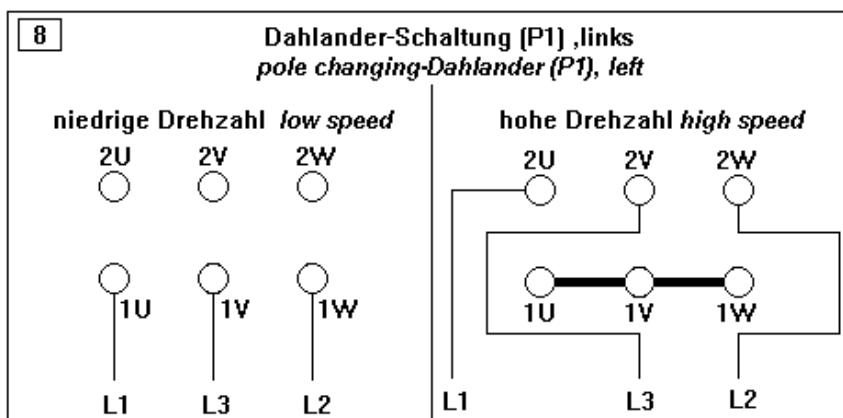
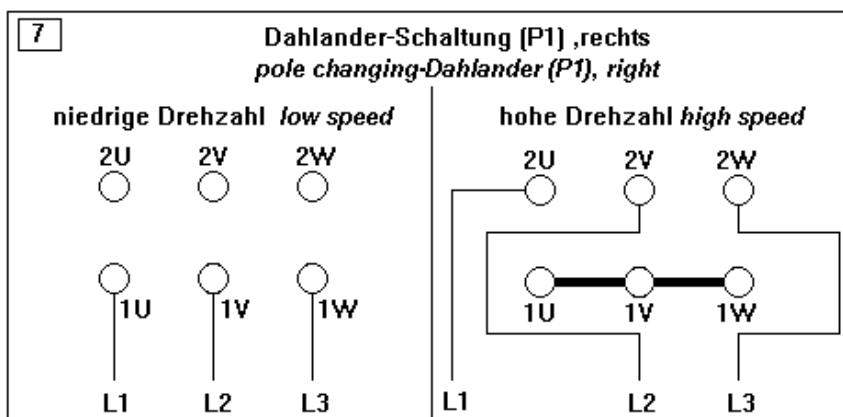


6 einphasig, links  
single-phase, left



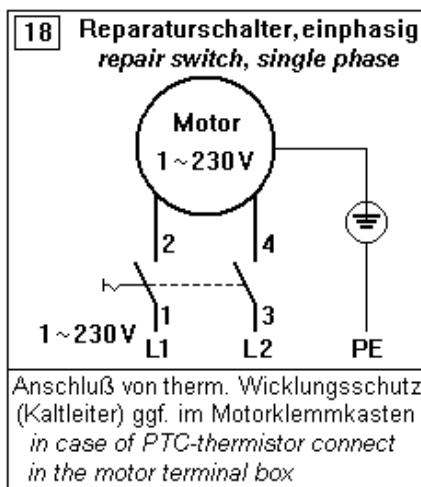
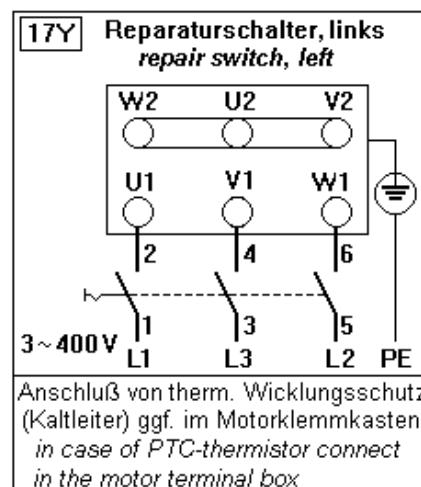
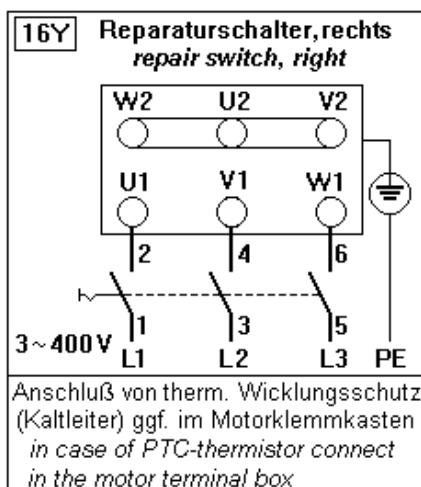
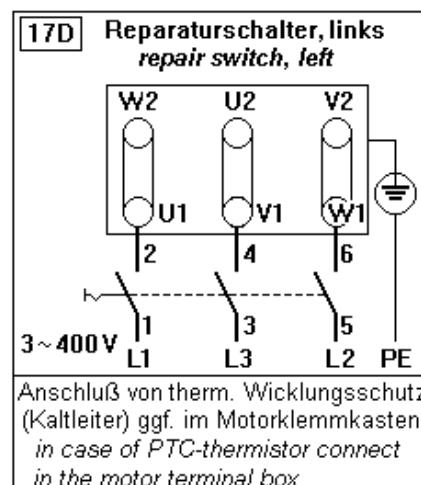
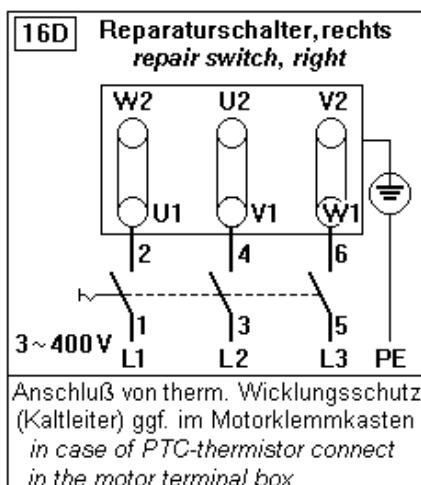
# Schaltbilder für Ventilatoren

## Connection diagrams for fans



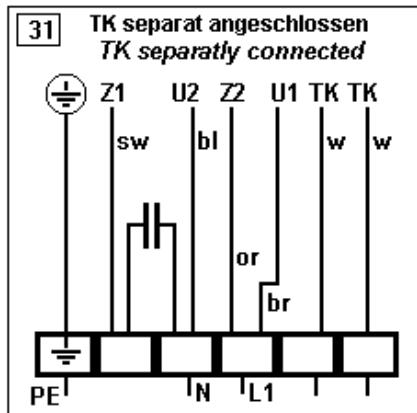
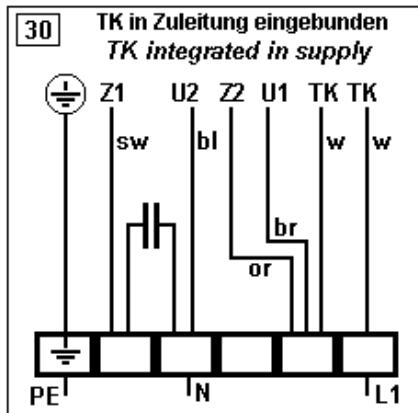
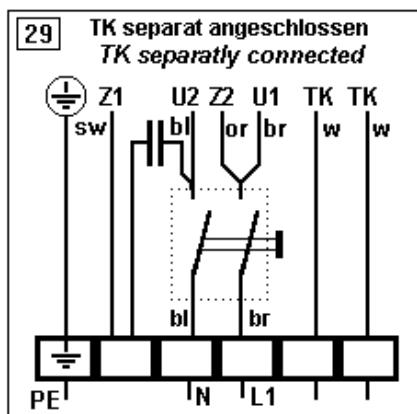
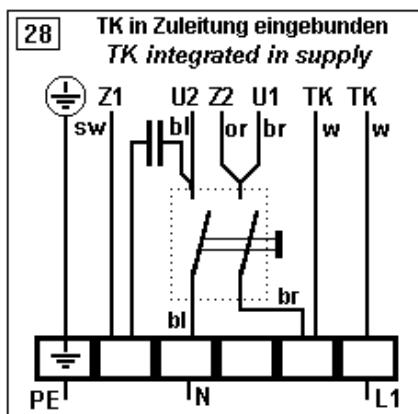
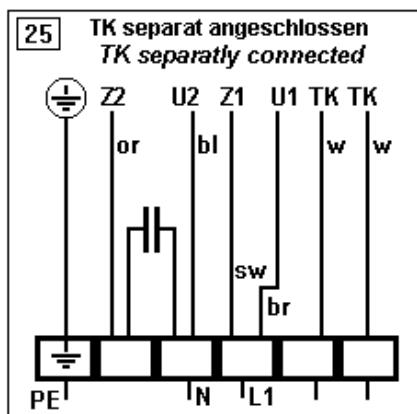
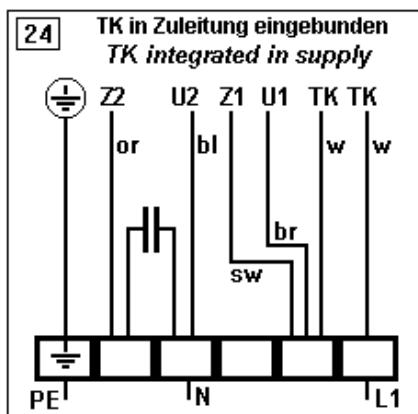
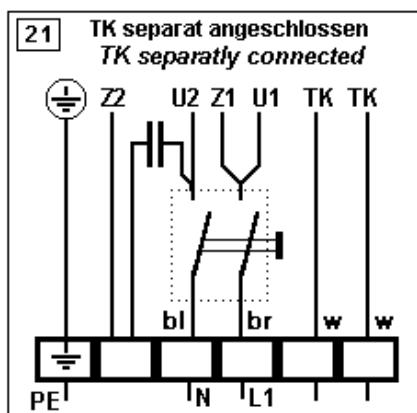
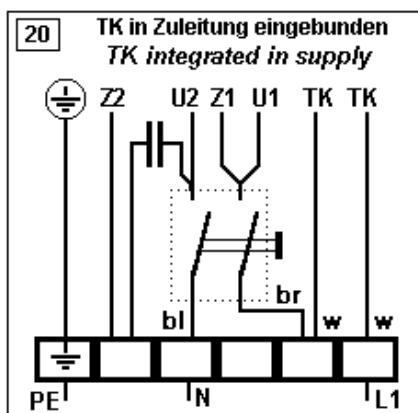
# Schaltbilder für Ventilatoren

## Connection diagrams for fans



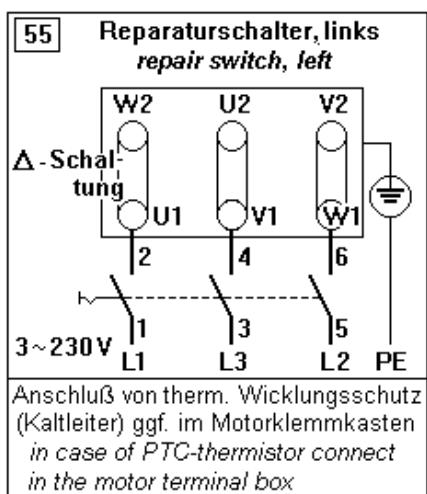
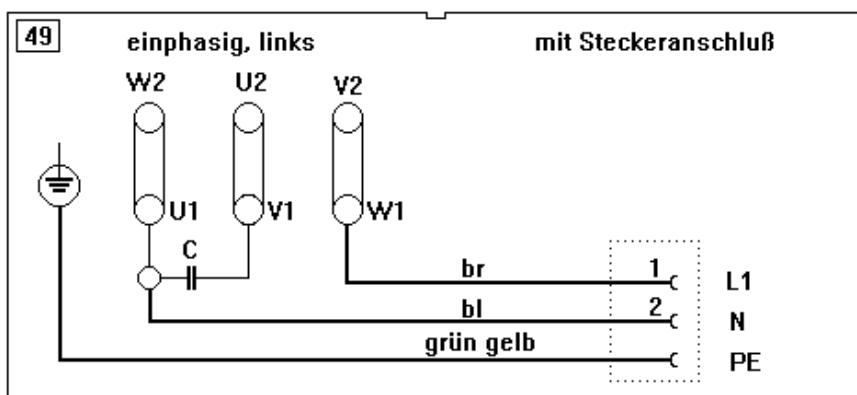
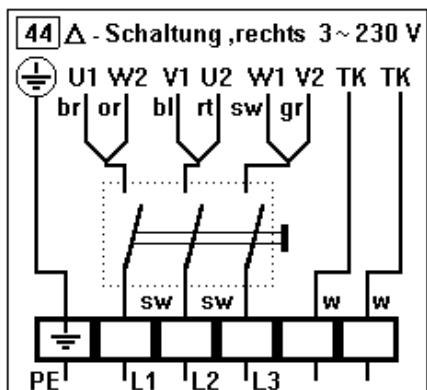
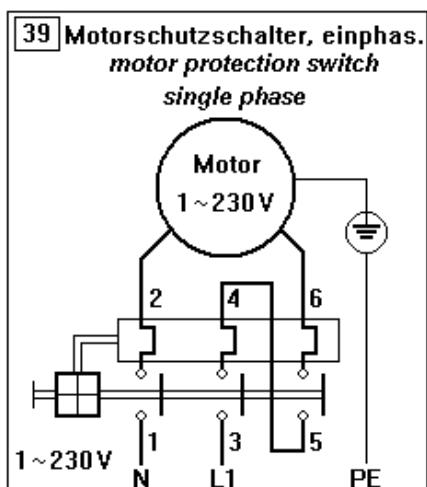
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## Connection diagrams for fans



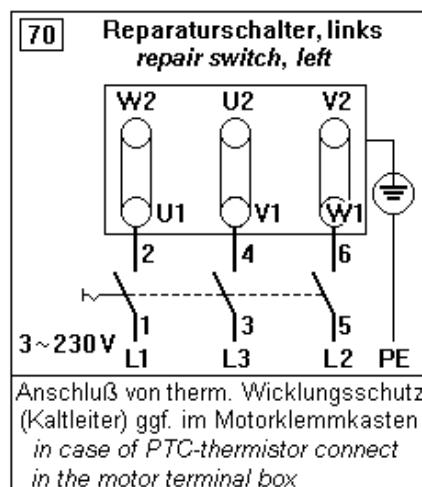
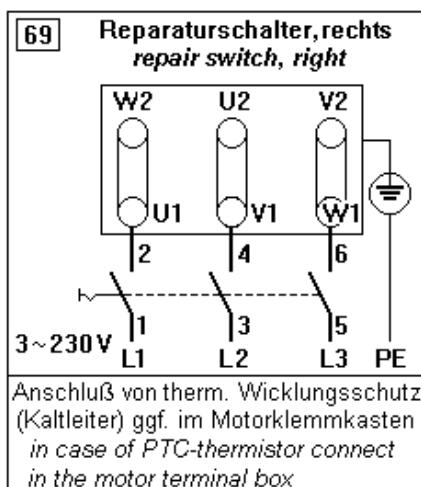
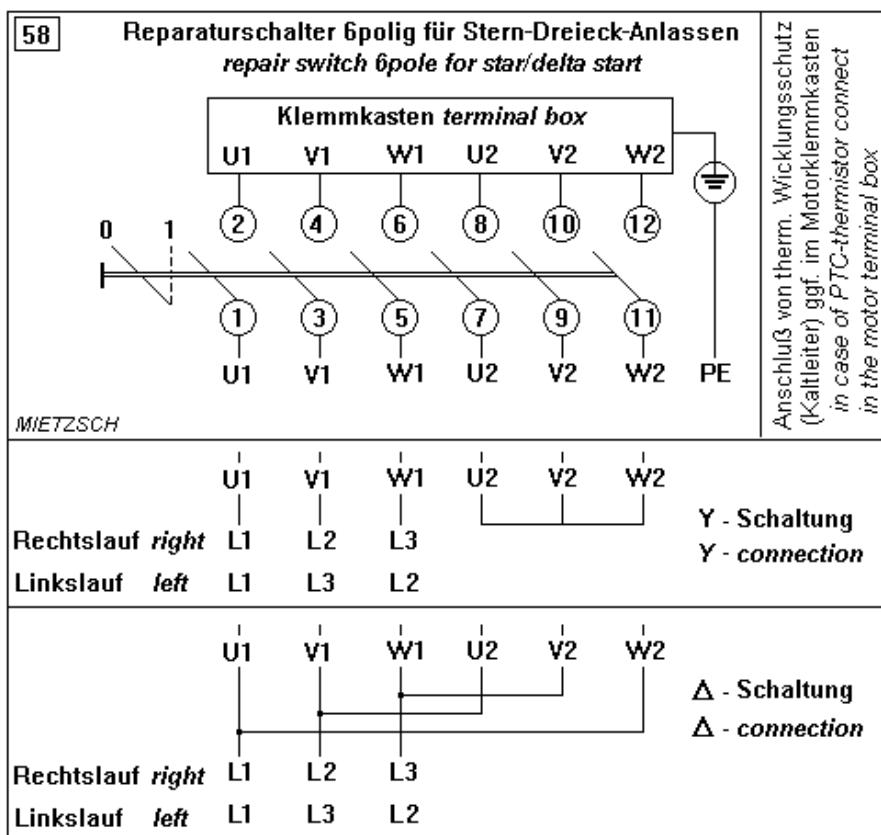
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## Connection diagrams for fans



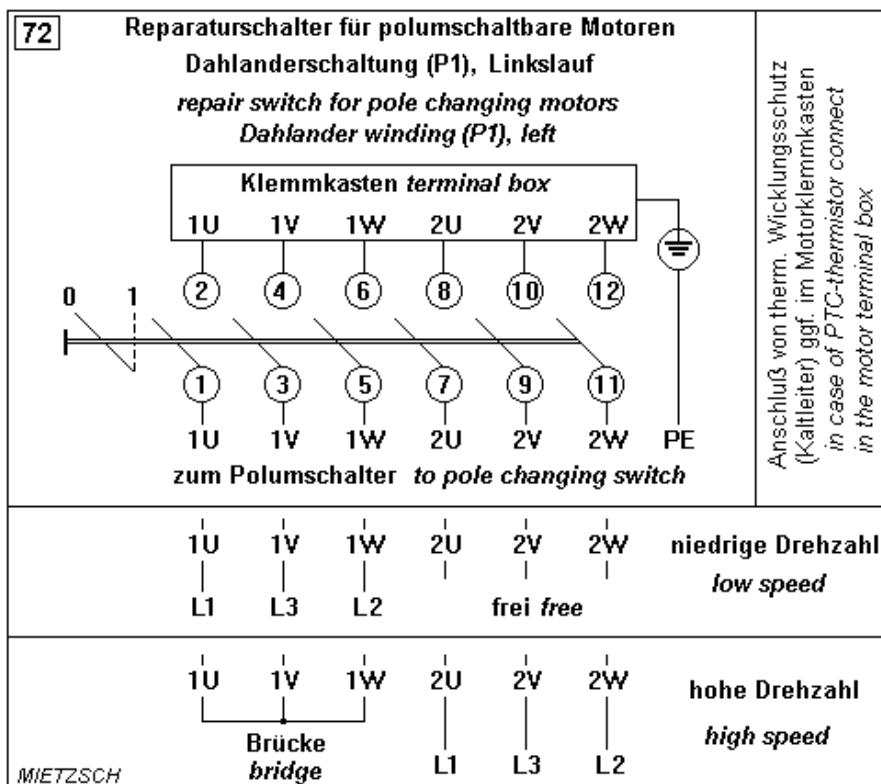
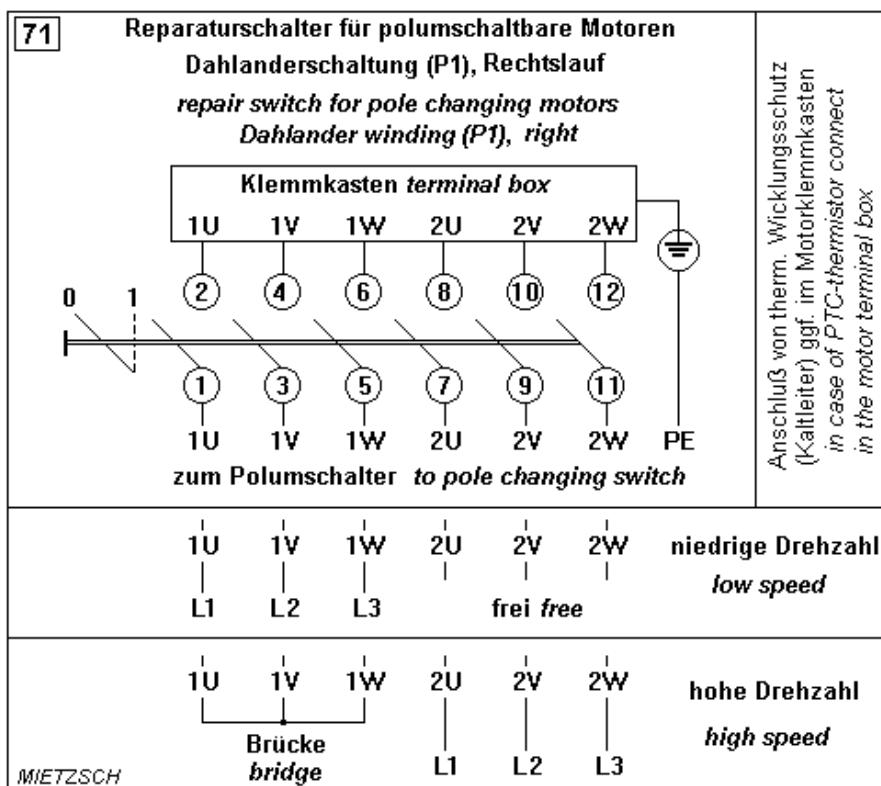
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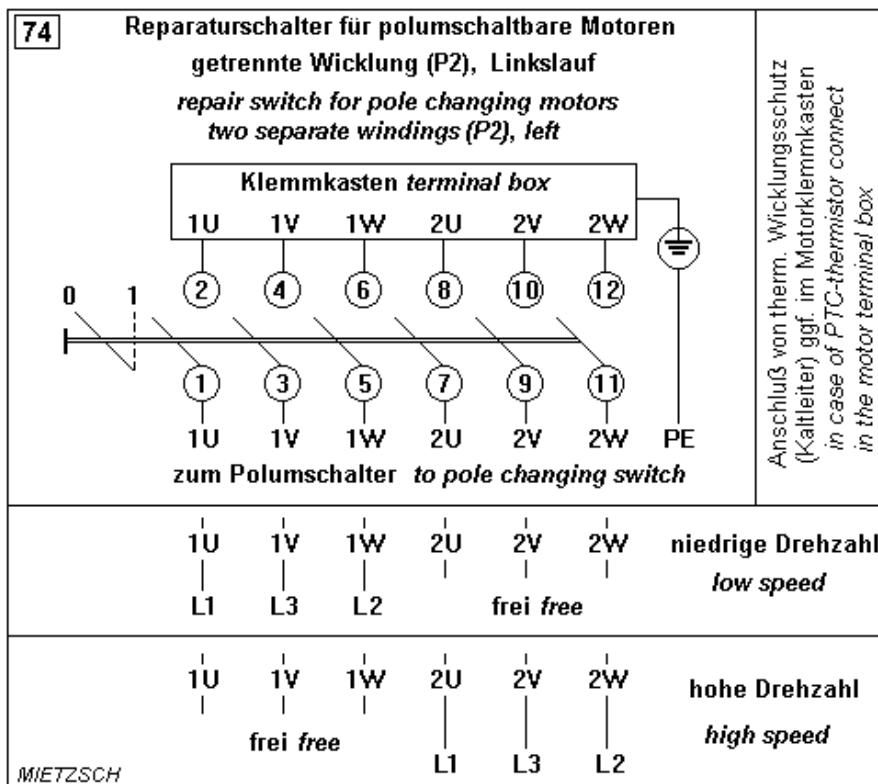
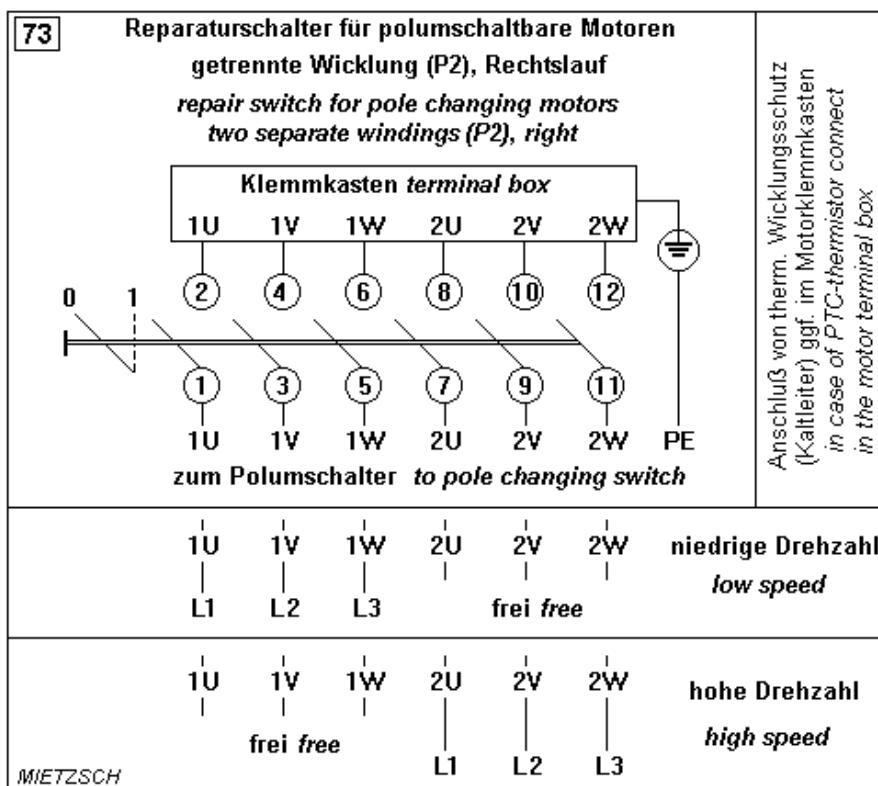
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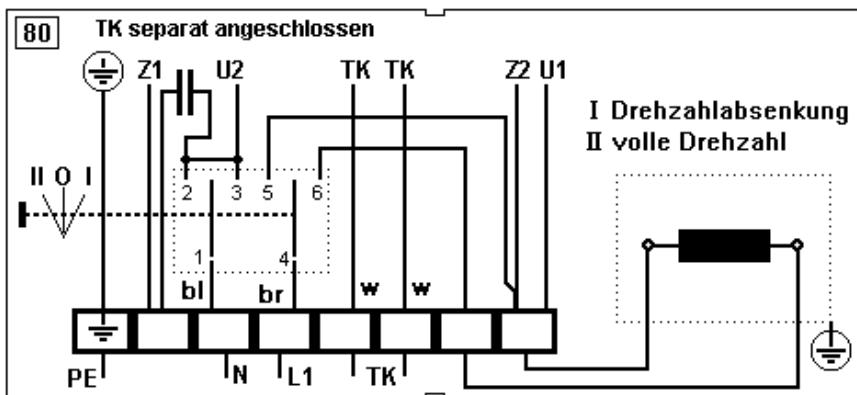
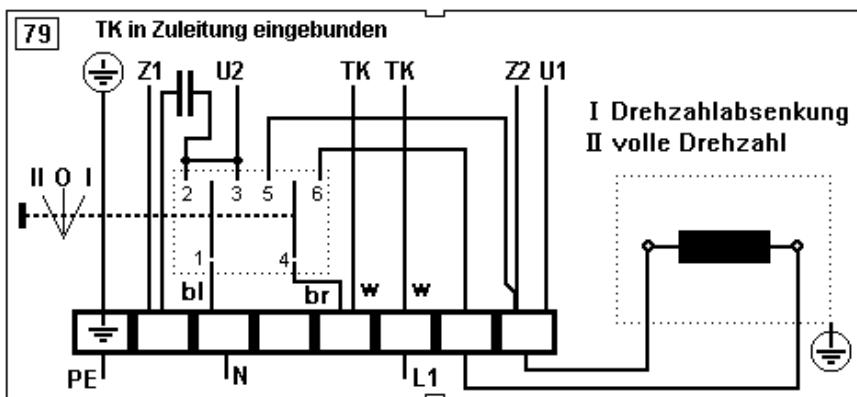
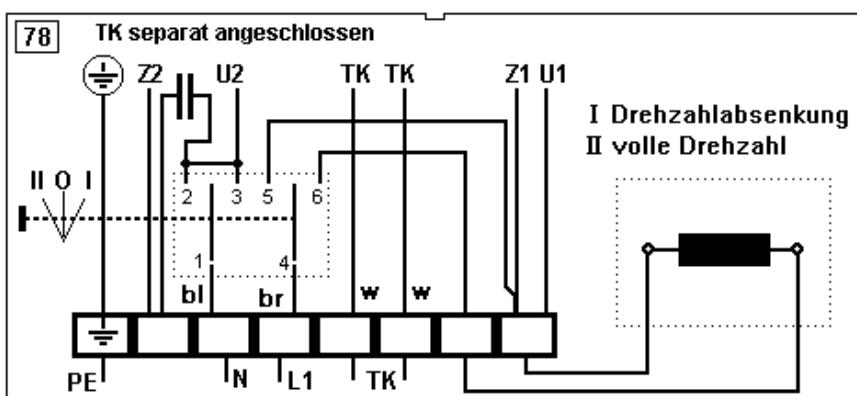
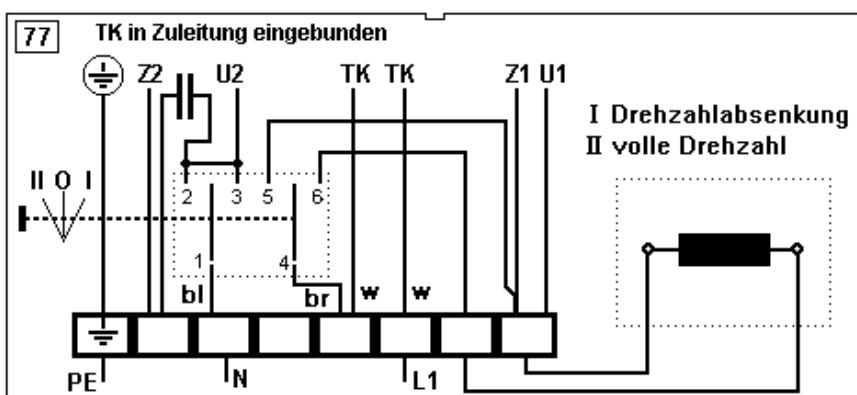
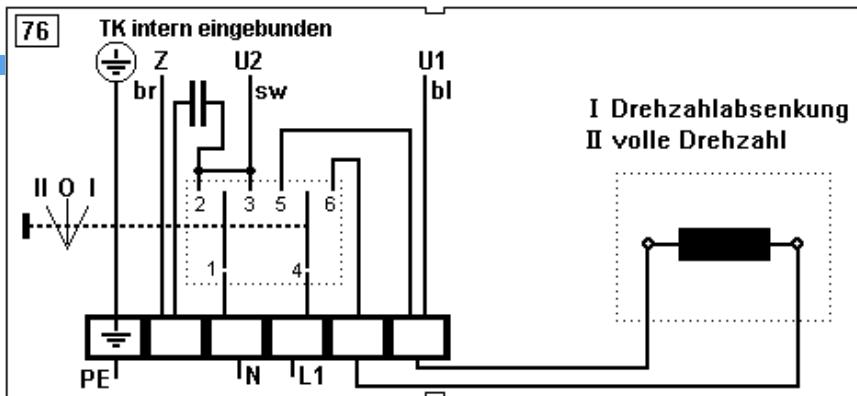
# Schaltbilder für Ventilatoren

## Connection diagrams for fans



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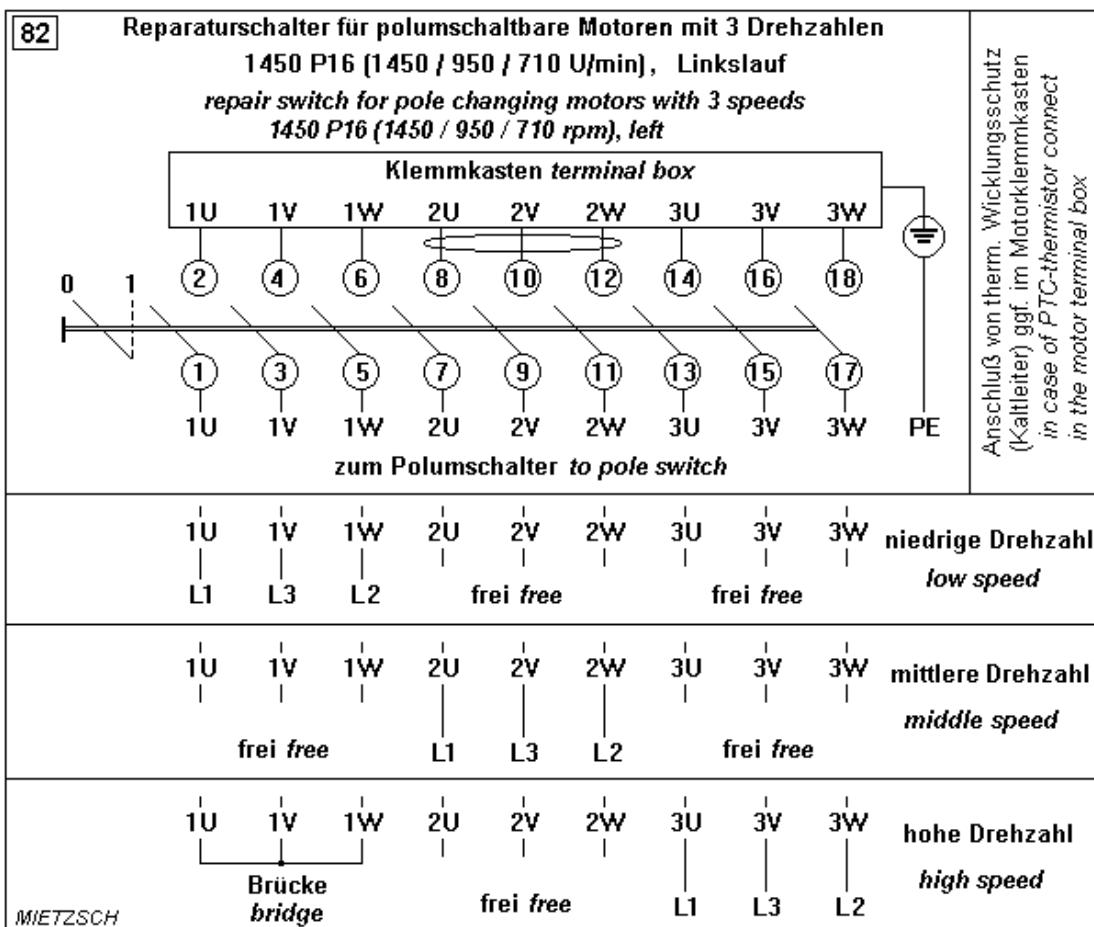
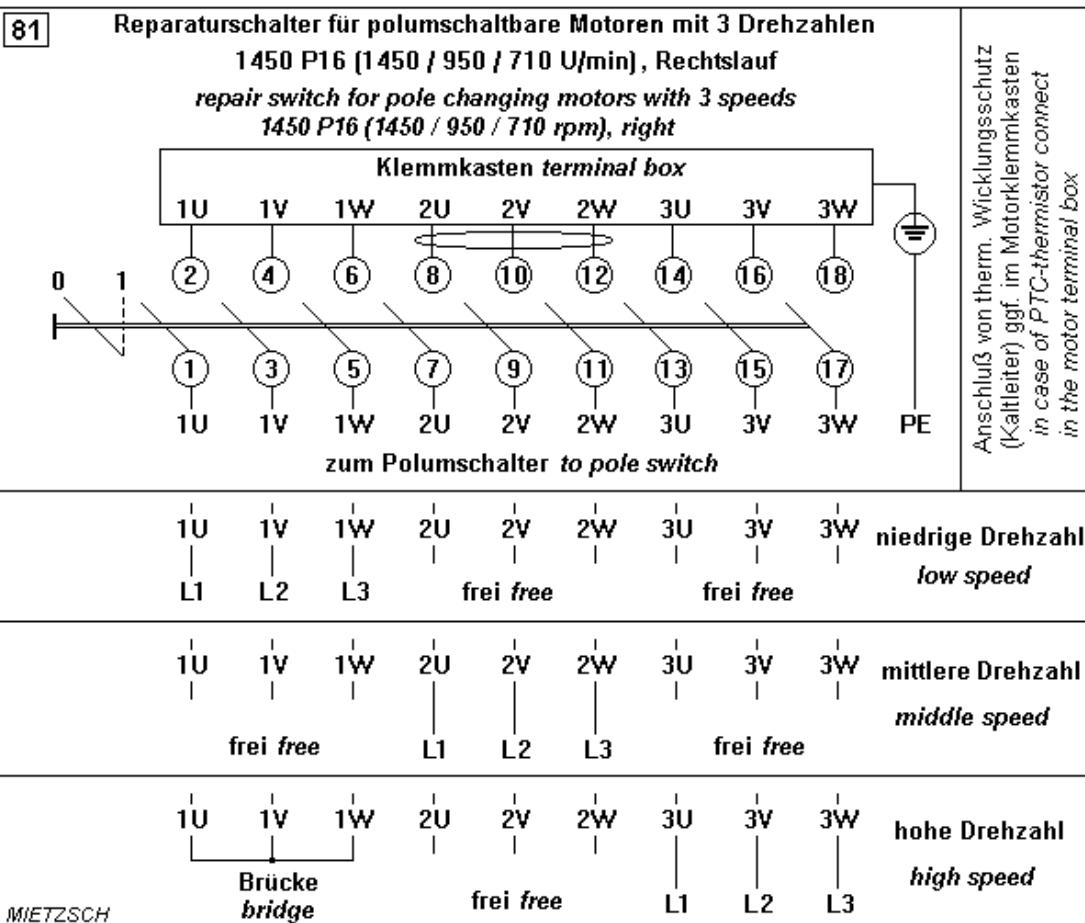
## Connection diagrams for fans



# Schaltbilder für Ventilatoren

## Connection diagrams for fans

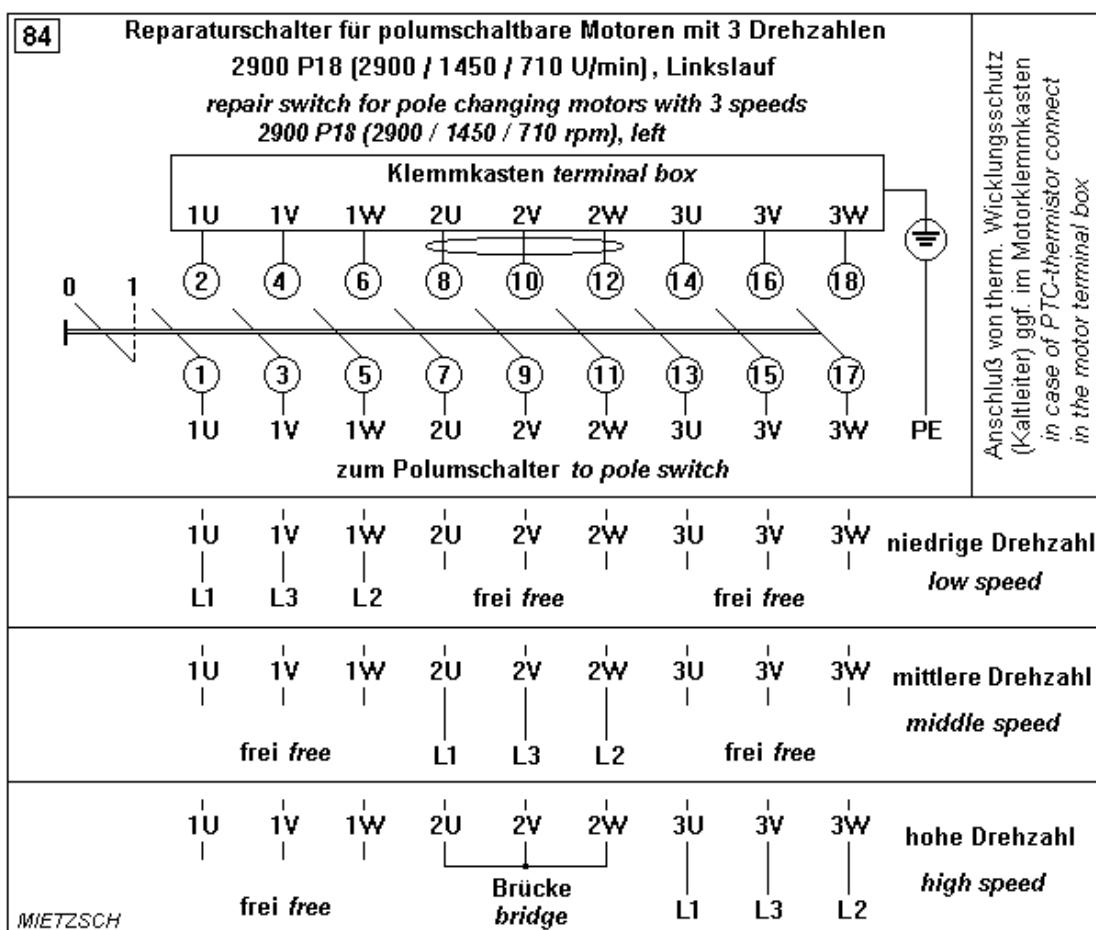
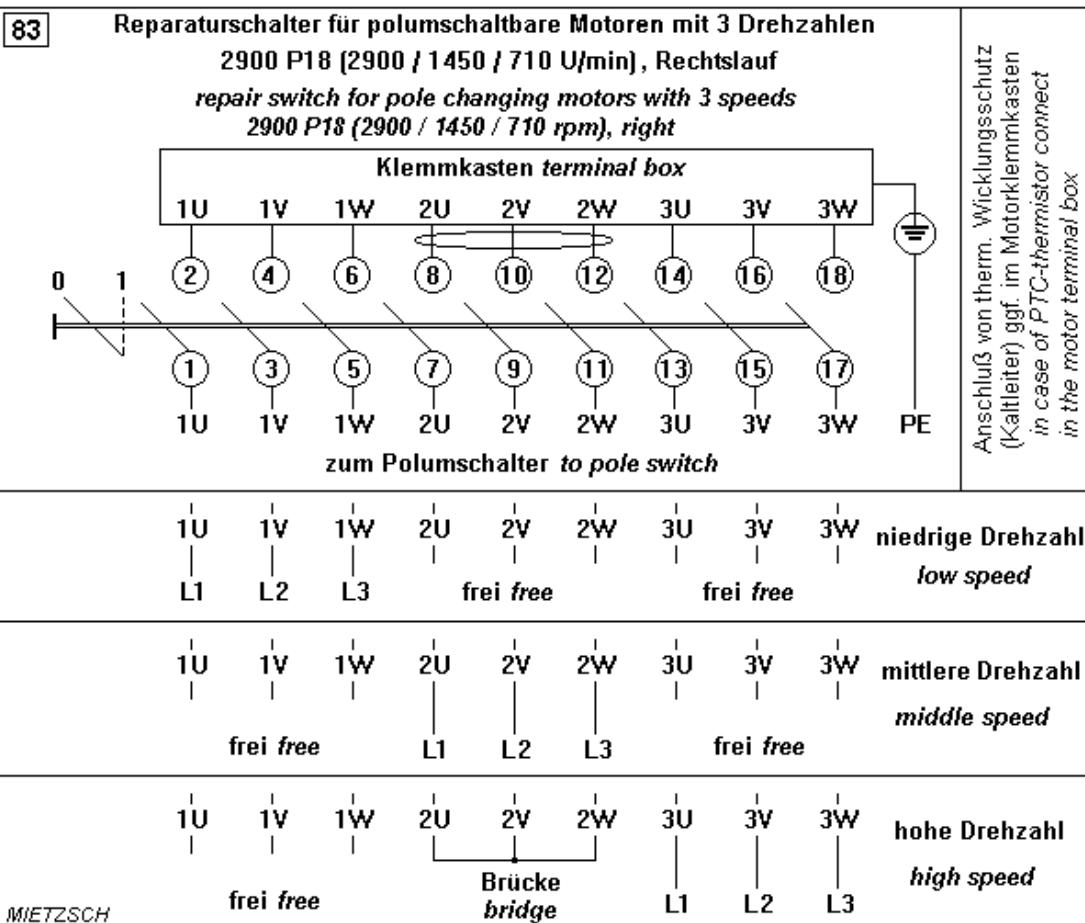
**MIETZSCH**



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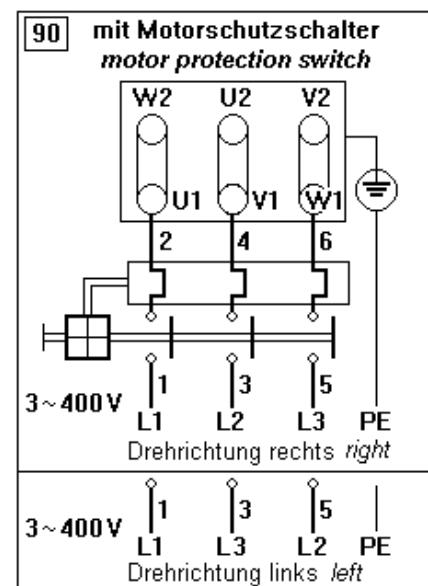
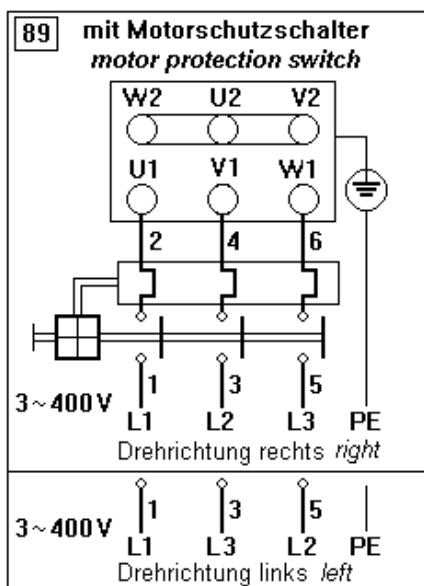
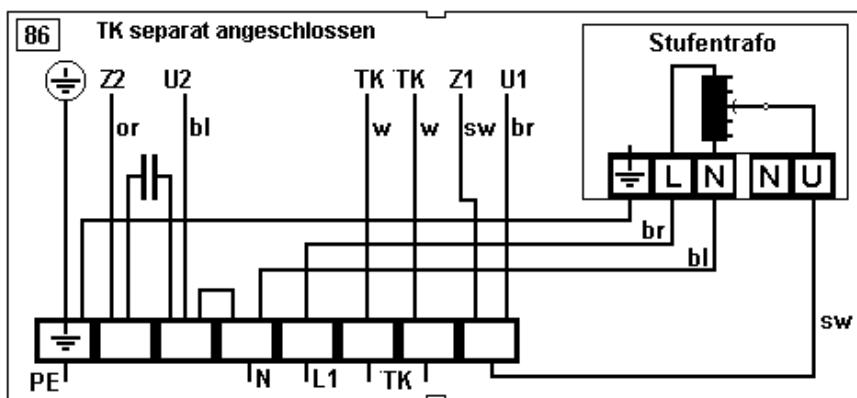
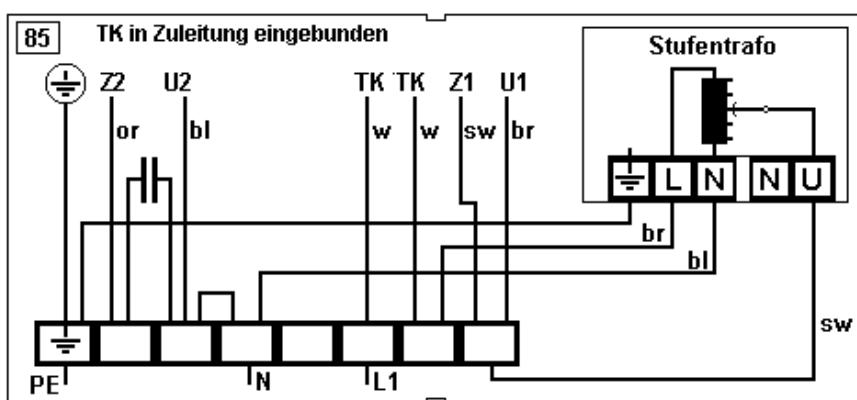
## Connection diagrams for fans

**MIETZSCH**



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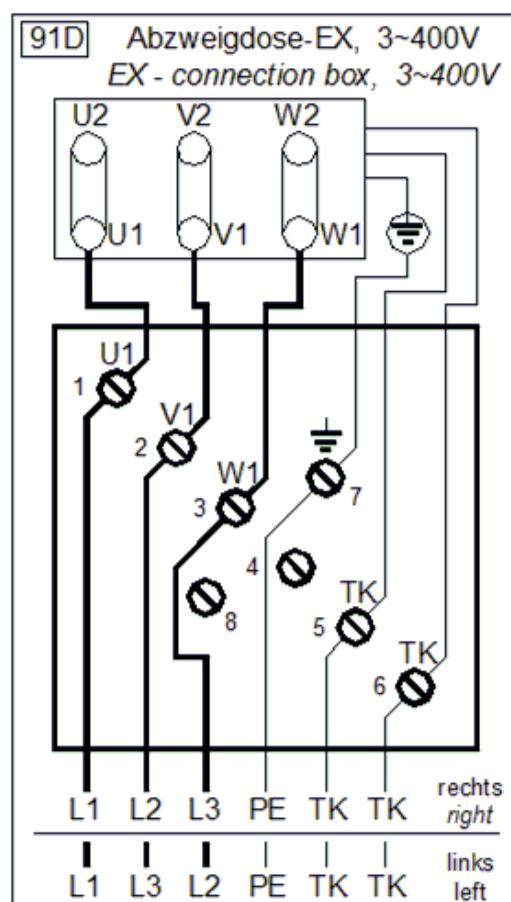
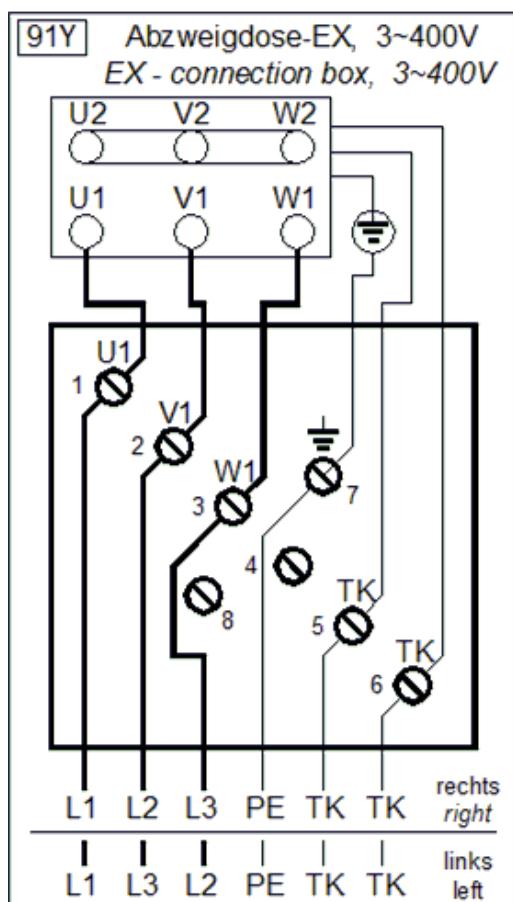
## Connection diagrams for fans



# Schaltbilder für Ventilatoren

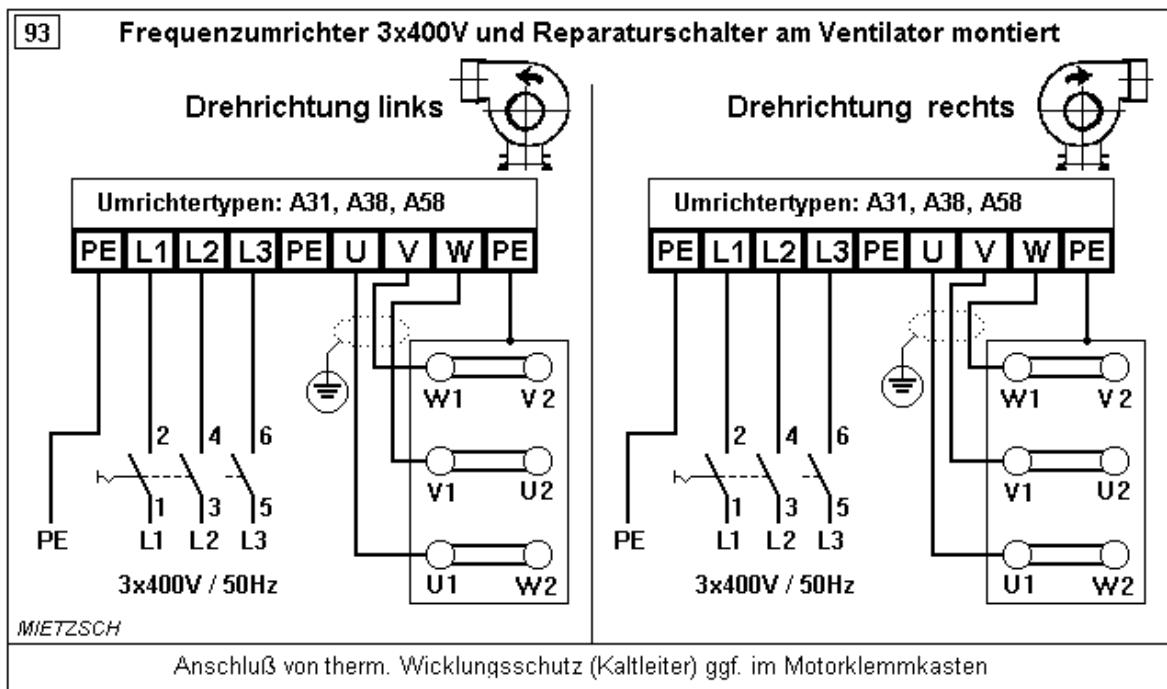
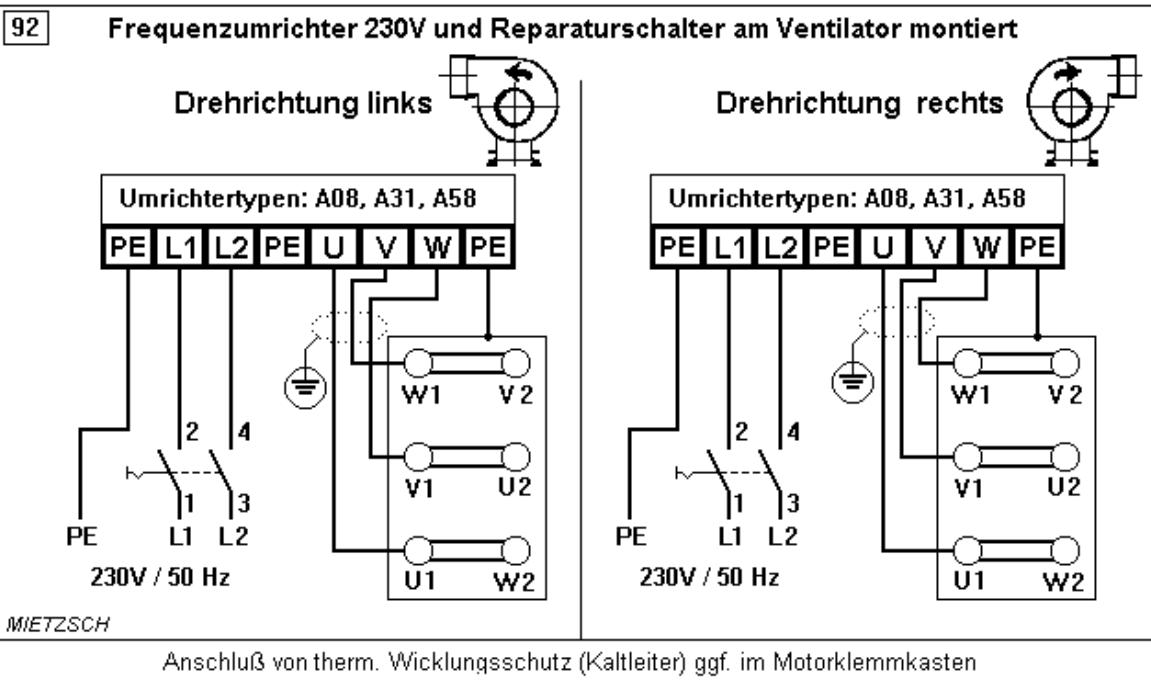
## Connection diagrams for fans

MIETZSCH



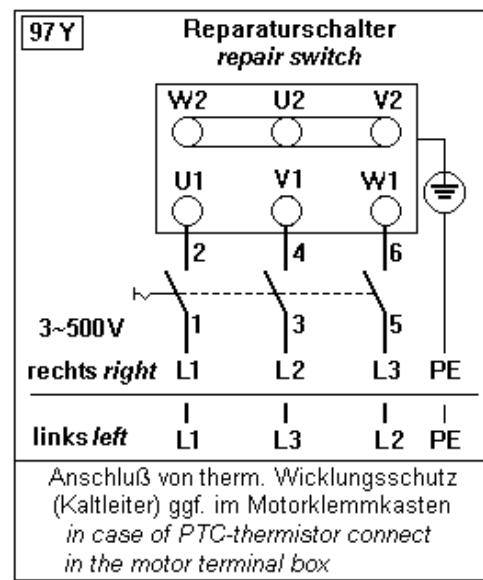
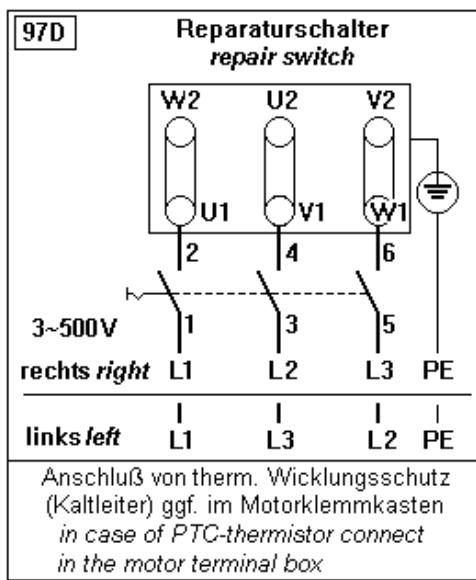
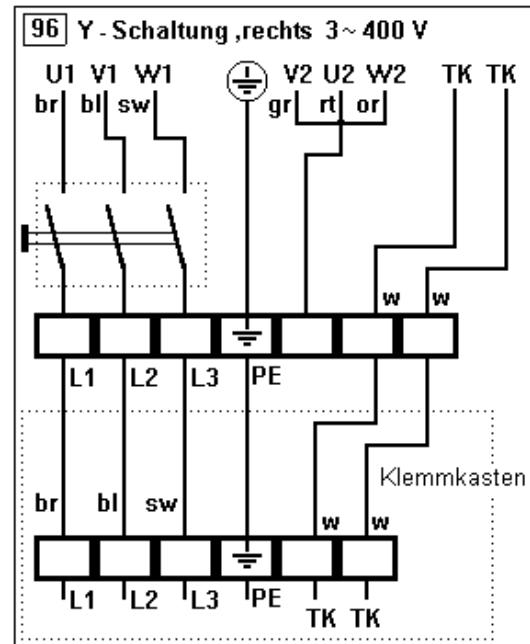
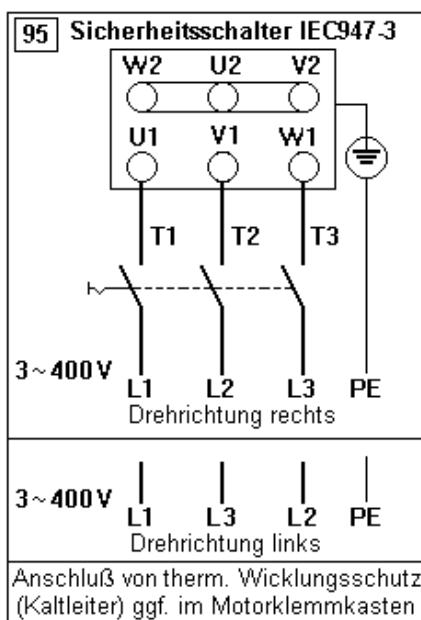
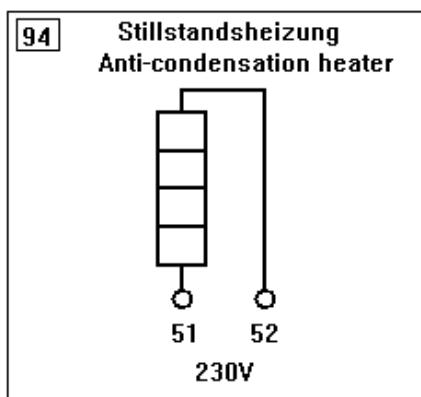
# Schaltbilder für Ventilatoren

## Connection diagrams for fans



# Schaltbilder für Ventilatoren

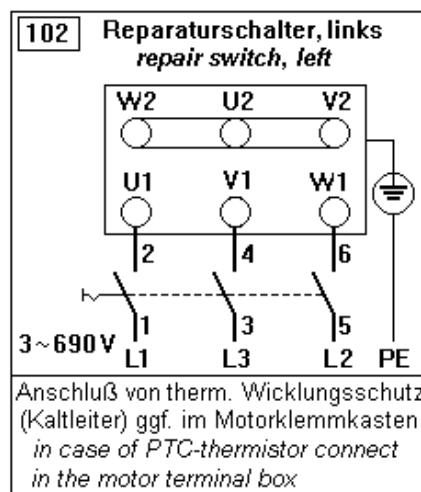
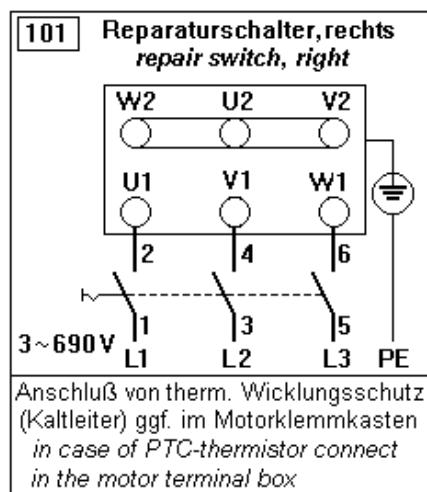
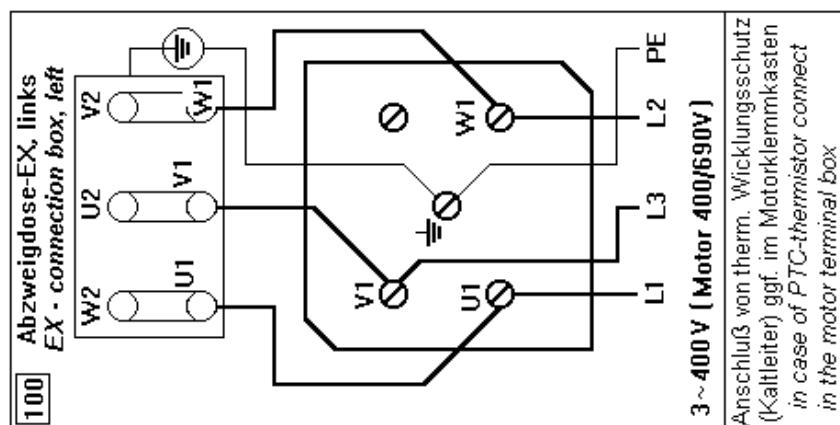
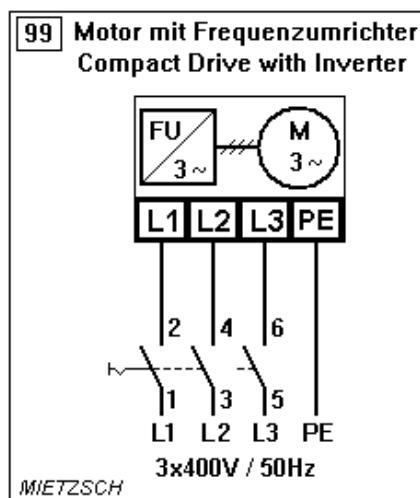
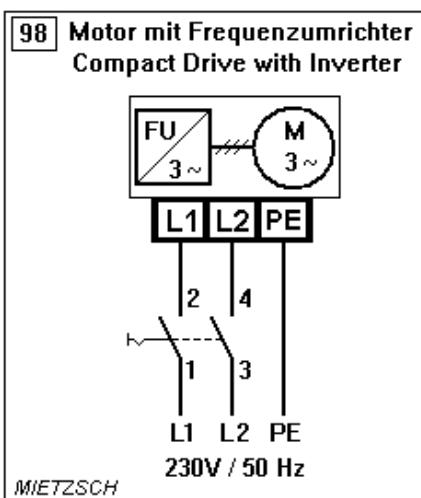
## Connection diagrams for fans



# Schaltbilder für Ventilatoren

## Connection diagrams for fans

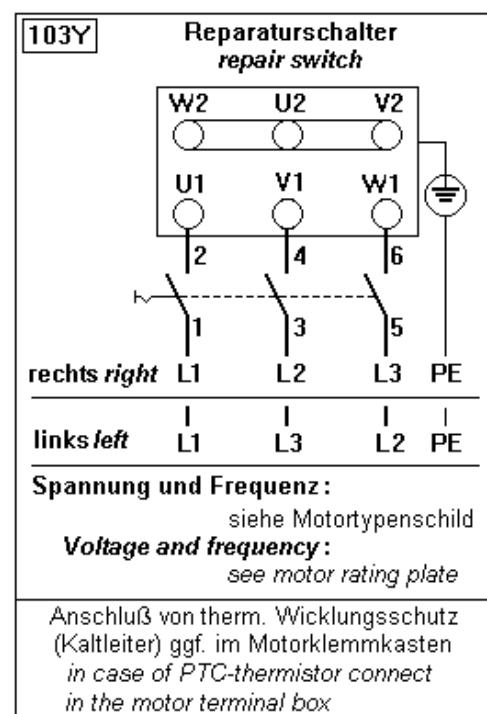
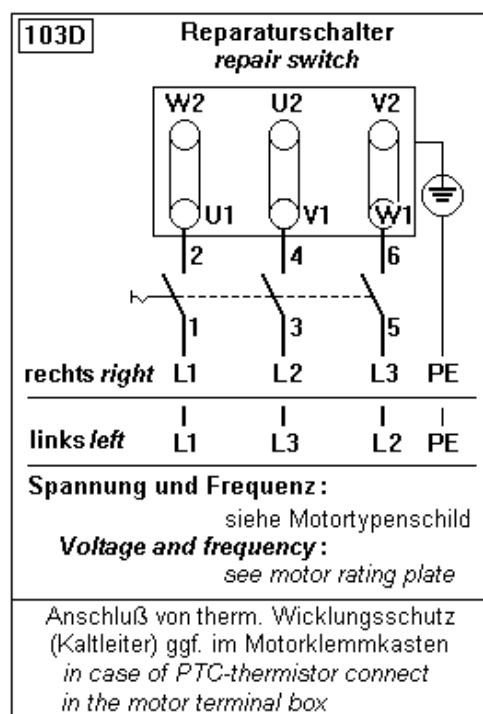
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# Schaltbilder für Ventilatoren

## Connection diagrams for fans

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# Schaltbilder für Ventilatoren

## Connection diagrams for fans

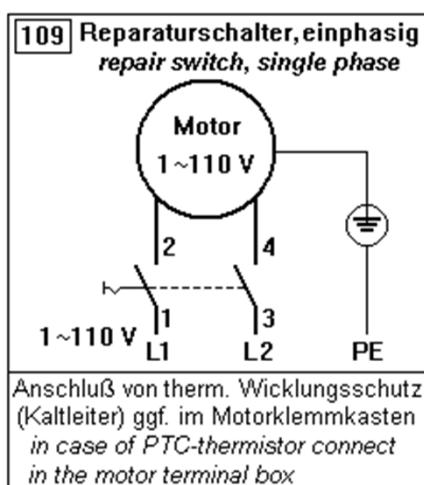
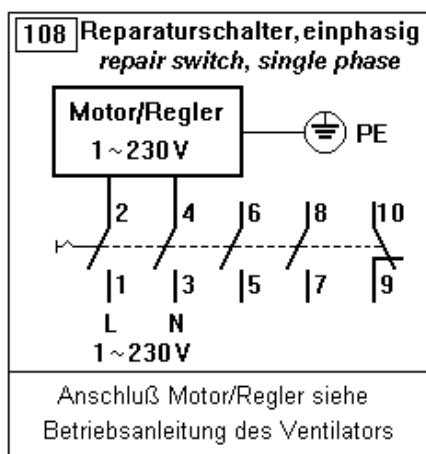
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<p><b>104</b> EX-Reparaturschalter für polumschaltbare Motoren Dahlanderschaltung (P1), Rechtslauf repair switch for pole changing motors Dahlander winding (P1), right</p> <p><b>Ex</b></p> <p>Klemmkasten terminal box</p> <table border="1"> <tr> <td>1U</td><td>1V</td><td>1W</td><td>2U</td><td>2V</td><td>2W</td> </tr> <tr> <td>1U</td><td>1V</td><td>1W</td><td>2U</td><td>2V</td><td>2W</td> </tr> <tr> <td>L1</td><td>L2</td><td>L3</td><td></td><td></td><td></td> </tr> <tr> <td colspan="3">frei free</td><td colspan="3">niedrige Drehzahl low speed</td> </tr> <tr> <td colspan="3">Brücke bridge</td><td colspan="3">hohe Drehzahl high speed</td> </tr> </table> <p>MIETZSCH</p>	1U	1V	1W	2U	2V	2W	1U	1V	1W	2U	2V	2W	L1	L2	L3				frei free			niedrige Drehzahl low speed			Brücke bridge			hohe Drehzahl high speed			<p><b>105</b> EX-Reparaturschalter für polumschaltbare Motoren Dahlanderschaltung (P1), Linkslauf repair switch for pole changing motors Dahlander winding (P1), left</p> <p><b>Ex</b></p> <p>Klemmkasten terminal box</p> <table border="1"> <tr> <td>1U</td><td>1V</td><td>1W</td><td>2U</td><td>2V</td><td>2W</td> </tr> <tr> <td>1U</td><td>1V</td><td>1W</td><td>2U</td><td>2V</td><td>2W</td> </tr> <tr> <td>L1</td><td>L3</td><td>L2</td><td></td><td></td><td></td> </tr> <tr> <td colspan="3">frei free</td><td colspan="3">niedrige Drehzahl low speed</td> </tr> <tr> <td colspan="3">Brücke bridge</td><td colspan="3">hohe Drehzahl high speed</td> </tr> </table> <p>MIETZSCH</p>	1U	1V	1W	2U	2V	2W	1U	1V	1W	2U	2V	2W	L1	L3	L2				frei free			niedrige Drehzahl low speed			Brücke bridge			hohe Drehzahl high speed		
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<p><b>106</b> EX-Reparaturschalter für polumschaltbare Motoren getrennte Wicklung (P2), Rechtslauf repair switch for pole changing motors two separate windings (P2), right</p> <p><b>Ex</b></p> <p>Klemmkasten terminal box</p> <table border="1"> <tr> <td>1U</td><td>1V</td><td>1W</td><td>2U</td><td>2V</td><td>2W</td> </tr> <tr> <td>1U</td><td>1V</td><td>1W</td><td>2U</td><td>2V</td><td>2W</td> </tr> <tr> <td>L1</td><td>L2</td><td>L3</td><td></td><td></td><td></td> </tr> <tr> <td colspan="3">frei free</td><td colspan="3">niedrige Drehzahl low speed</td> </tr> <tr> <td colspan="3">frei free</td><td colspan="3">hohe Drehzahl high speed</td> </tr> </table> <p>MIETZSCH</p>	1U	1V	1W	2U	2V	2W	1U	1V	1W	2U	2V	2W	L1	L2	L3				frei free			niedrige Drehzahl low speed			frei free			hohe Drehzahl high speed			<p><b>107</b> EX-Reparaturschalter für polumschaltbare Motoren getrennte Wicklung (P2), Linkslauf repair switch for pole changing motors two separate windings (P2), left</p> <p><b>Ex</b></p> <p>Klemmkasten terminal box</p> <table border="1"> <tr> <td>1U</td><td>1V</td><td>1W</td><td>2U</td><td>2V</td><td>2W</td> </tr> <tr> <td>1U</td><td>1V</td><td>1W</td><td>2U</td><td>2V</td><td>2W</td> </tr> <tr> <td>L1</td><td>L3</td><td>L2</td><td></td><td></td><td></td> </tr> <tr> <td colspan="3">frei free</td><td colspan="3">niedrige Drehzahl low speed</td> </tr> <tr> <td colspan="3">frei free</td><td colspan="3">hohe Drehzahl high speed</td> </tr> </table> <p>MIETZSCH</p>	1U	1V	1W	2U	2V	2W	1U	1V	1W	2U	2V	2W	L1	L3	L2				frei free			niedrige Drehzahl low speed			frei free			hohe Drehzahl high speed		
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# Schaltbilder für Ventilatoren

## Connection diagrams for fans

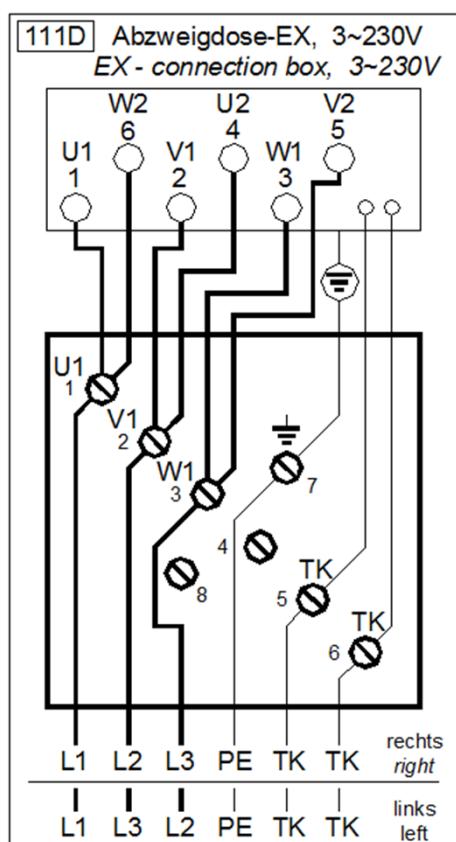
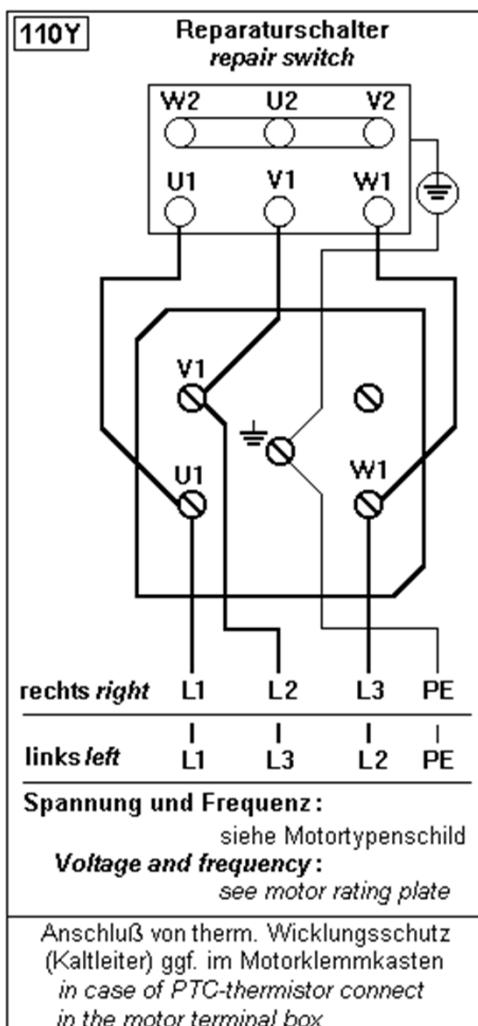
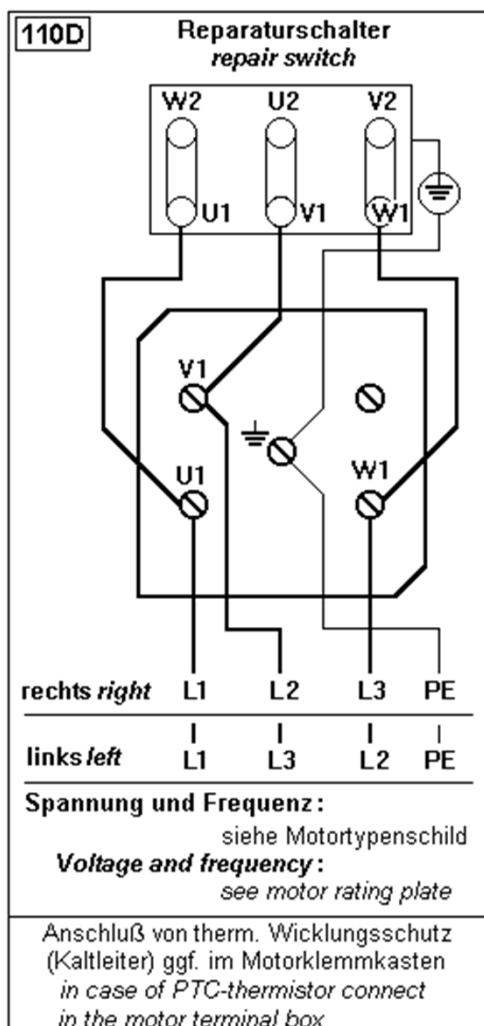
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## Connection diagrams for fans

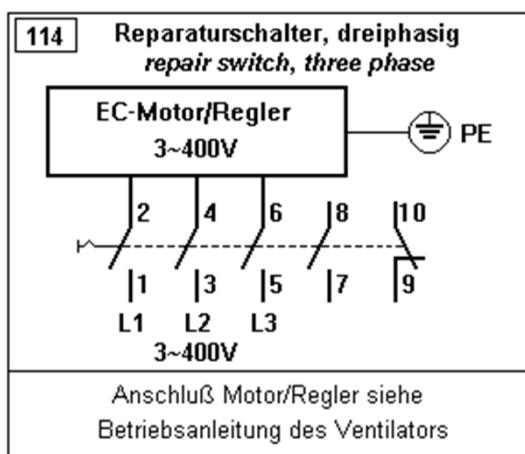
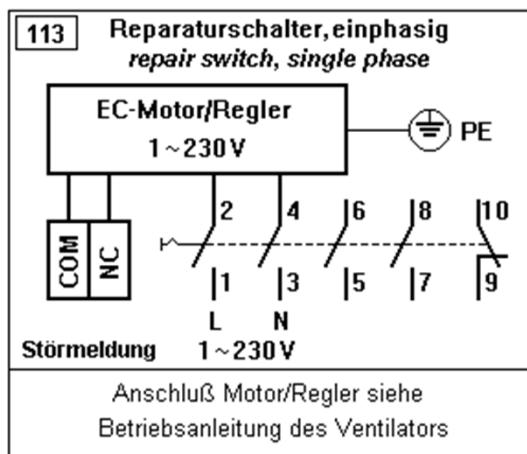
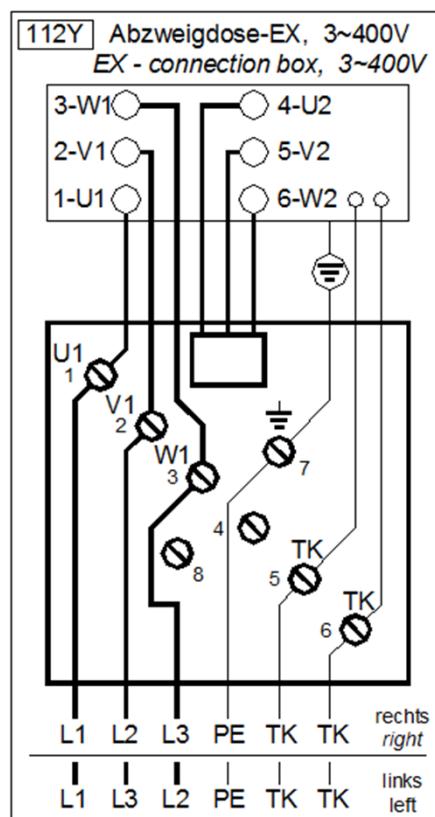
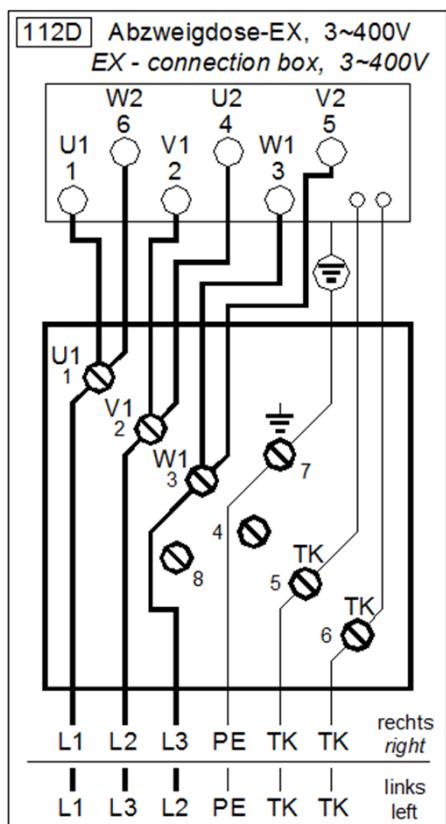
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