

80LS-165LS CONNECTION DIAGRAMS

Connection diagrams for drum motor cable connection 80LS - 165LS ELB - only single voltage

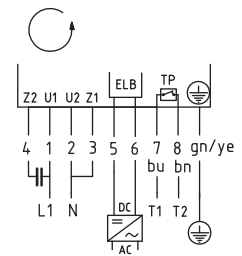
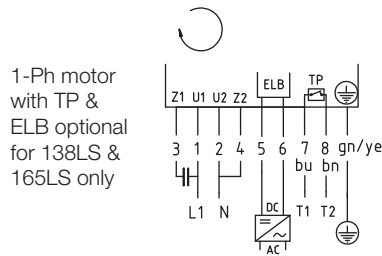
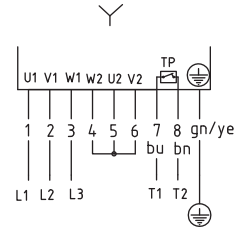
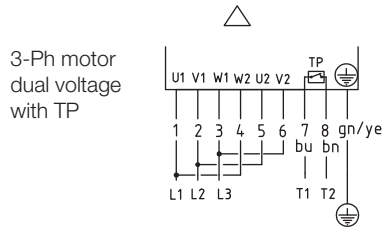
Lead numbers for standard turning direction clockwise.

TP - Thermal protector T1 & T2

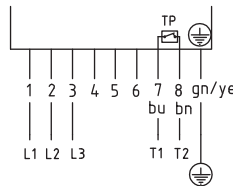
ELB - Electromagnetic brake B1 & B2

Color code

- gn - green
- ye - yellow
- bu - blue
- bn - brown

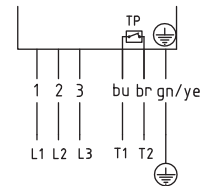


3-Ph motor single voltage with TP & 9 leads



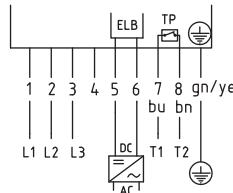
Lead 4,5,6 not used

3-Ph motor single voltage with TP & 6 leads



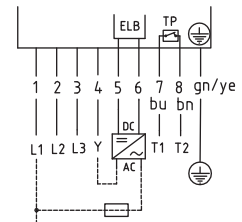
Lead 4 not used

3-Ph motor single voltage with TP & ELB



Lead 4 not used

3-Ph motor single voltage with TP & ELB



Use lead 4 for internal ELB only!

113LS - 220H CONNECTION DIAGRAMS

Connection diagrams for drum motor Terminal box with WAGO clamp 113LS - 220H (ELB only single voltage)

Characters in brackets for 2 stage gearbox
turning direction clockwise.

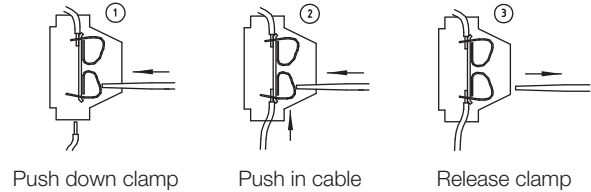
TP - Thermal protector T1 & T2

ELB - Electromagnetic brake B1 & B2

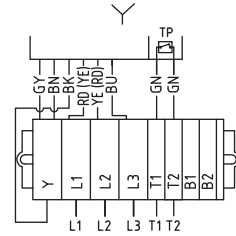
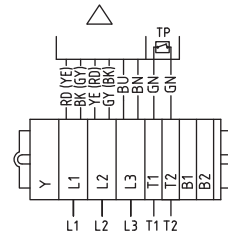
Color code

- RD - Red
- YE - Yellow
- BK - Black
- GY - Grey
- BU - Blue
- GN - Green
- WH - White
- BN - Brown

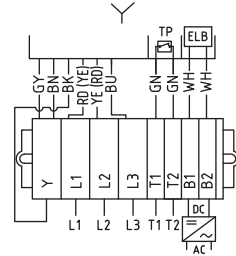
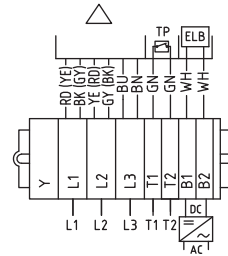
Assembly instruction



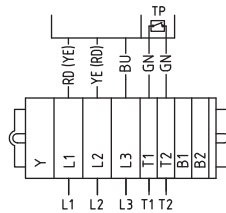
3-Ph motor
dual voltage
with TP



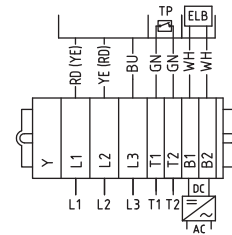
3-Ph motor
dual voltage
with TP & ELB



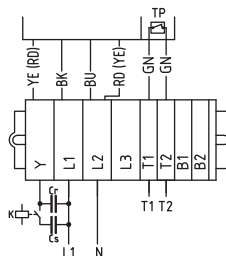
3-Ph motor
single voltage
with TP



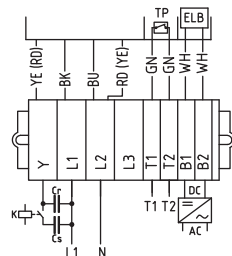
3-Ph motor
single voltage
with TP & ELB



1-Ph motor
with TP



1-Ph motor
with TP & ELB



Cr - Run capacitor
Cs - Start capacitor

Cr - Run capacitor
Cs - Start capacitor