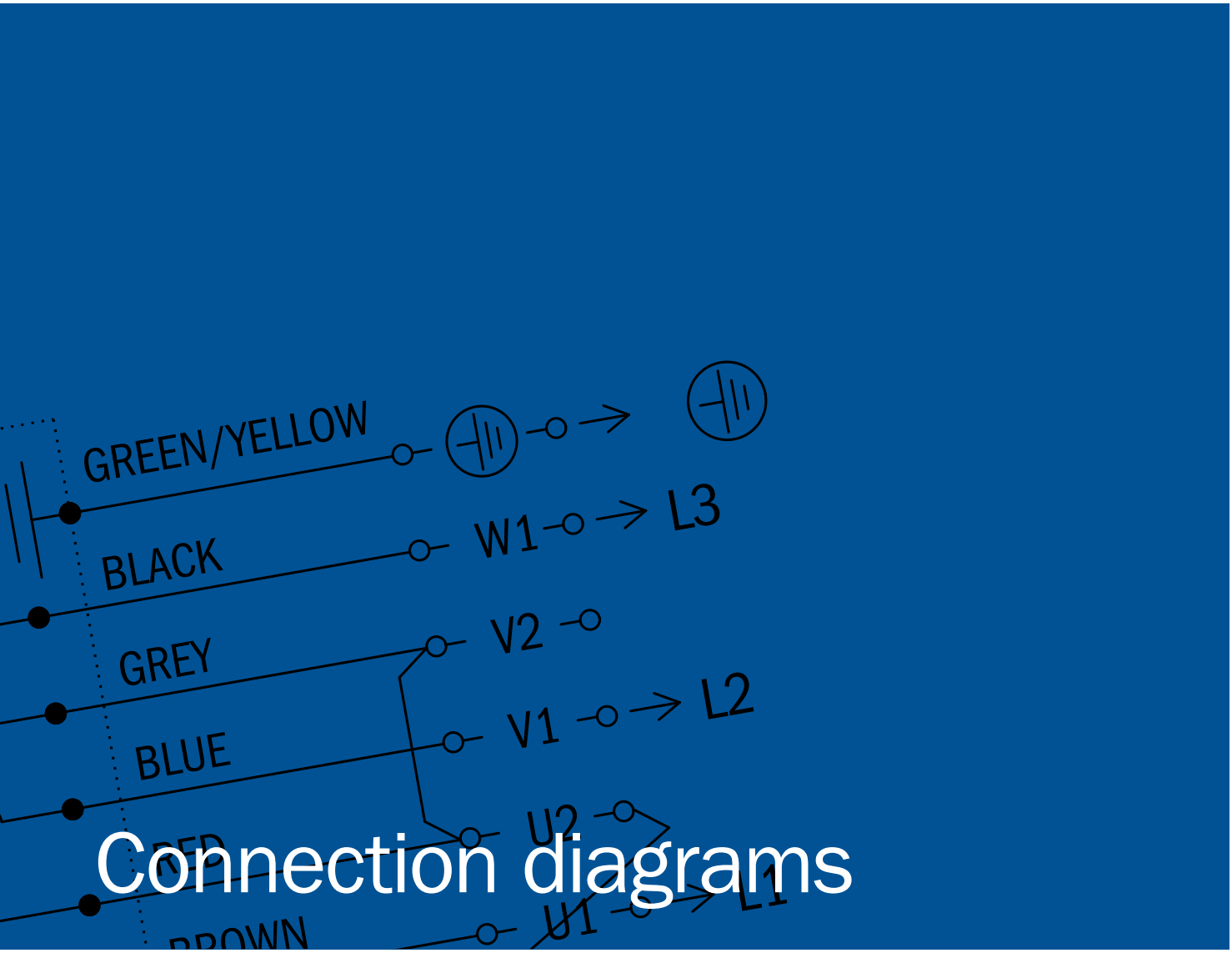
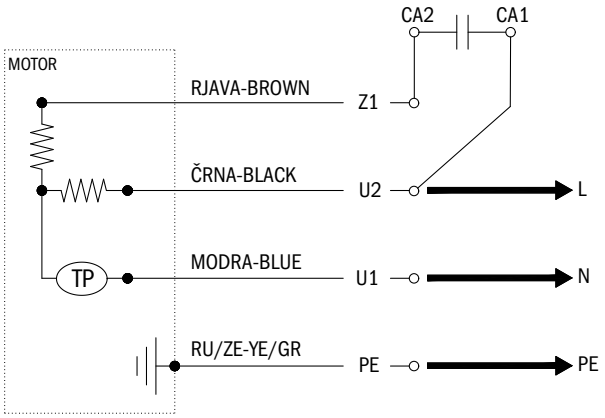


Connection diagrams

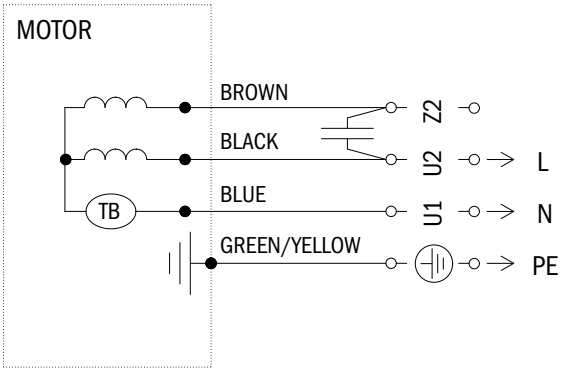
Connection diagrams

Connection diagrams 0301-1-0002

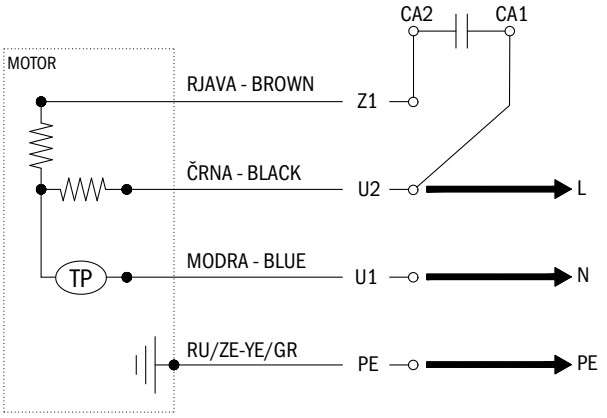


Rotation	L	N	PE	Join together	Protection device	Winding conection
CCW from cable side	U2 (black)	U1 (blue)	PE (ye/gr)	[CA1, U2] [CA2, Z2]	Internally connected	Permanent split phase capacitor motor

Connection diagrams 0301-1-0044

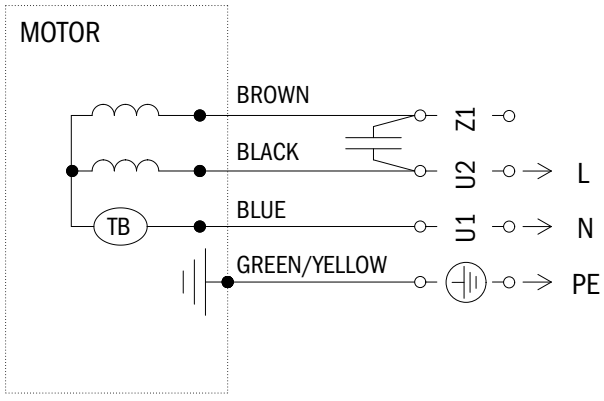


Connection diagrams 0301-1-0026

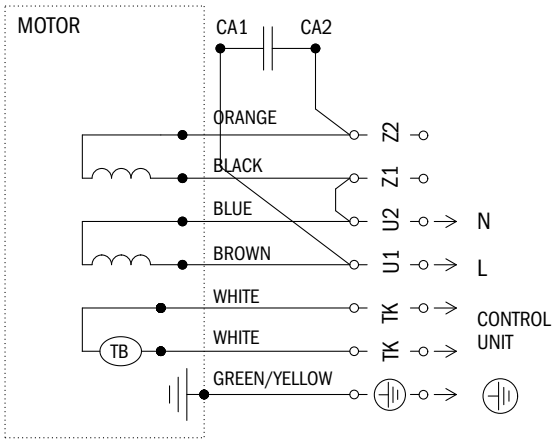


Rotation	L	N	PE	Join together	Protection device	Winding conection
CW from cable side	U2 (black)	U1 (blue)	PE (ye/gr)	[CA1, U2] [CA2, Z2]	Internally connected	Permanent split phase capacitor motor

Connection diagrams 0301-1-0043



Connection diagrams 0301-1-0029

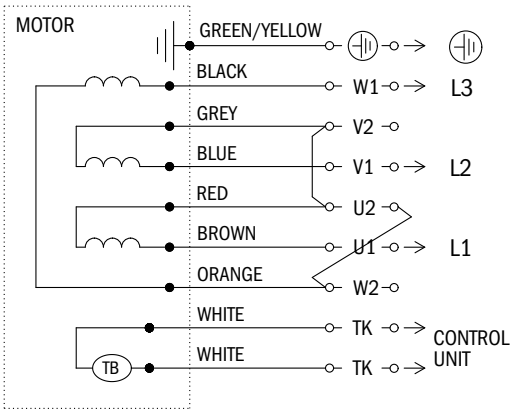


Connection options:

Rotation	L1	N	PE	Protection device	Join together	Winding connection
CW from cable side	U1	U2	PE	TK, TK	[CA1, U1] [CA2, Z2] [U2, Z1]	1.ph motor with capacitor and thermal contacts.

* Temperature monitors (TK) built in to the winding serve as motor cut-out switch and must be connected to the outside control unit!

Connection diagrams 0301-1-0049



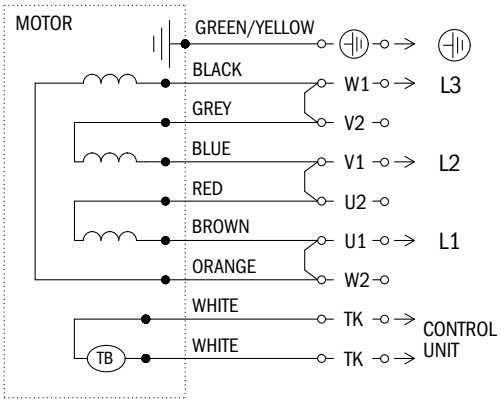
Connection options:

L1	L2	L3	PE	Protection device	Join together	Winding connection
U1	V1	W1	PE	TK, TK	[U2,V2,W2]	STAR (Y) - high voltage (STANDARD)
U1	V1	W1	PE	TK, TK	[U1,W2]; [V1,U2]; [W1,V2]	DELTA (Δ) - low voltage

* Changing of rotation direction by interchanging of 2 phases!

* Temperature monitors (TK) built in to the winding serve as motor cut-out switch and must be connected to the outside control unit!

Connection diagrams 0301-1-0048



Connection options:

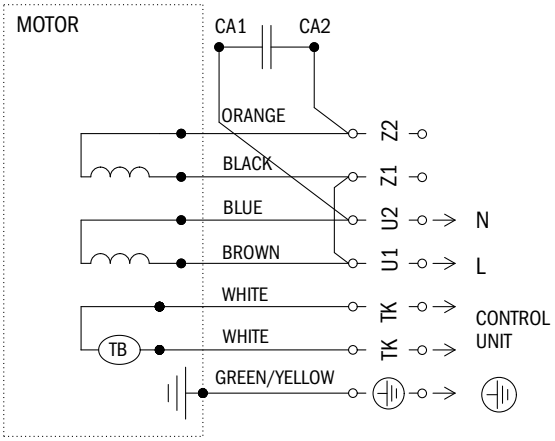
L1	L2	L3	PE	Protection device	Join together	Winding connection
U1	V1	W1	PE	TK, TK	[U1,W2]; [V1,U2]; [W1,V2]	DELTA (Δ) - high speed (STANDARD)
U1	V1	W1	PE	TK, TK	[U2,V2,W2];	STAR (Y) - low speed

* Changing of rotation direction by interchanging of 2 phases!

* Without bridges when using speed-change over switch!

* Temperature monitors (TK) built in to the winding serve as motor cut-out switch and must be connected to the outside control unit!

Connection diagrams 0301-1-0035

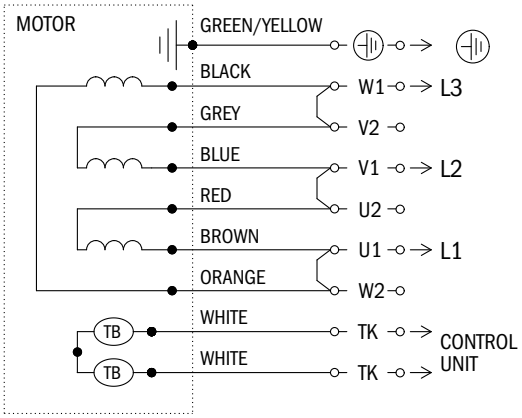


Connection options:

Rotation	L1	N	PE	Protection device	Join together	Winding connection
CCW from cable side	U1	U2	PE	TK, TK	[U1, Z1] [U2, CA1] [Z2, CA2]	1.ph motor with capacitor and thermal contacts.

* Temperature monitors (TK) built in to the winding serve as motor cut-out switch and must be connected to the outside control unit!

Connection diagrams 0301-1-0033

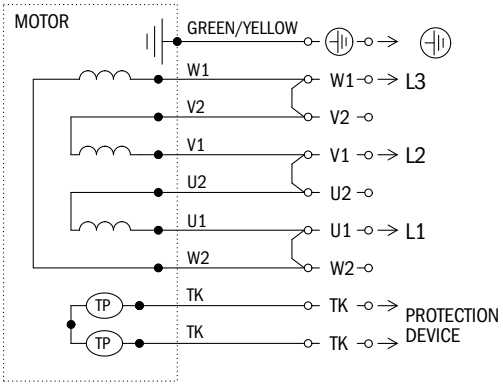


Connection options:

L1	L2	L3	PE	Protection device	Join together	Winding connection
U1	V1	W1	PE	TK, TK	[U1,W2]; [V1,U2]; [W1,V2]	DELTA (Δ) - high speed (STANDARD)
U1	V1	W1	PE	TK, TK	[U2,V2,W2];	STAR (Y) - low speed

* Changing of rotation direction by interchanging of 2 phases!
* Without bridges when using speed-change over switch!
* Temperature monitors (TK) built in to the winding serve as motor cut-out switch and must be connected to the outside control unit!

Connection diagrams 0301-1-0031

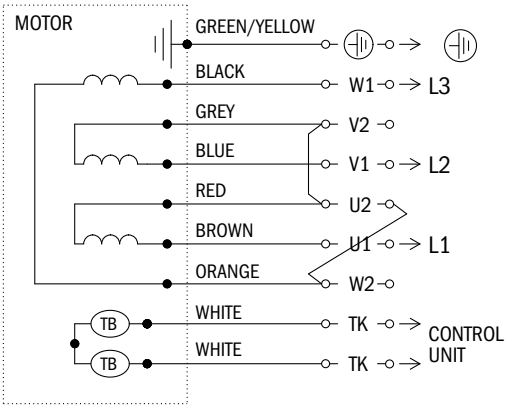


Connection options:

L1	L2	L3	PE	Protection device	Join together	Winding connection
U1	V1	W1	PE	TK, TK	[U1,W2]; [V1,U2]; [W1,V2]	DELTA (Δ) - high speed (STANDARD)
U1	V1	W1	PE	TK, TK	[U2,V2,W2];	STAR (Y) - low speed

* Changing of rotation direction by interchanging of 2 phases!
* Without bridges when using speed-change over switch!
* Thermal contacts rating: AC 250V, 2.5A at cos ∅=1.0, 1.6A at cos ∅=0.6, temperature sensing.

Connection diagrams 0301-1-0034



Connection options:

L1	L2	L3	PE	Protection device	Join together	Winding connection
U1	V1	W1	PE	TK, TK	[U2,V2,W2]	STAR (Y) - high voltage (STANDARD)
U1	V1	W1	PE	TK, TK	[U1,W2]; [V1,U2]; [W1,V2]	DELTA (Δ) - low voltage

* Changing of rotation direction by interchanging of 2 phases!
* Temperature monitors (TK) built in to the winding serve as motor cut-out switch and must be connected to the outside control unit!

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