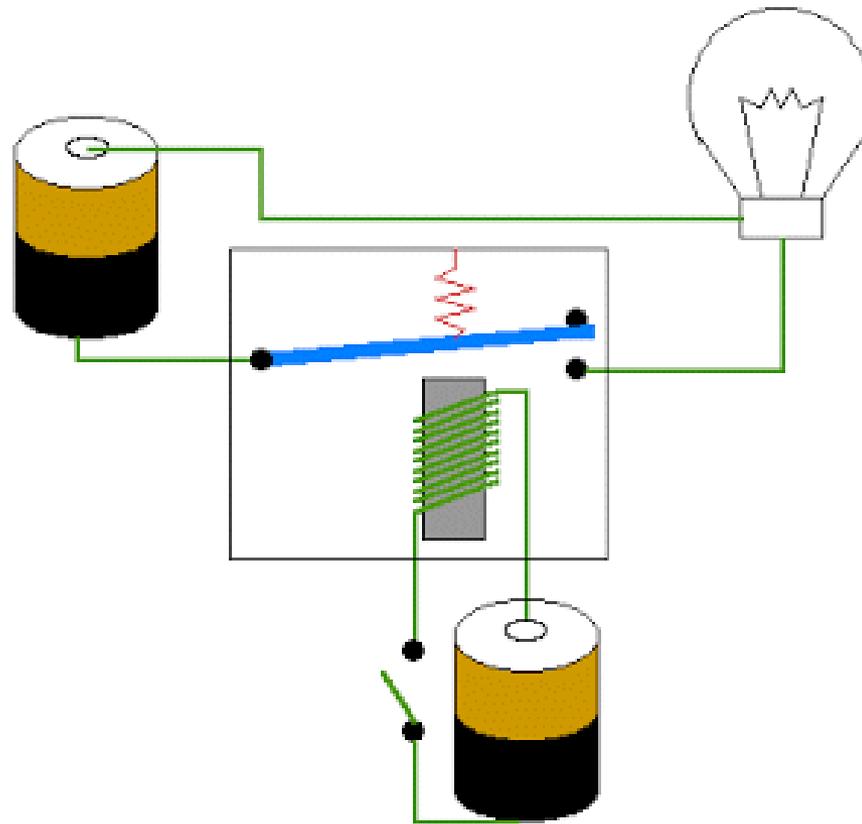


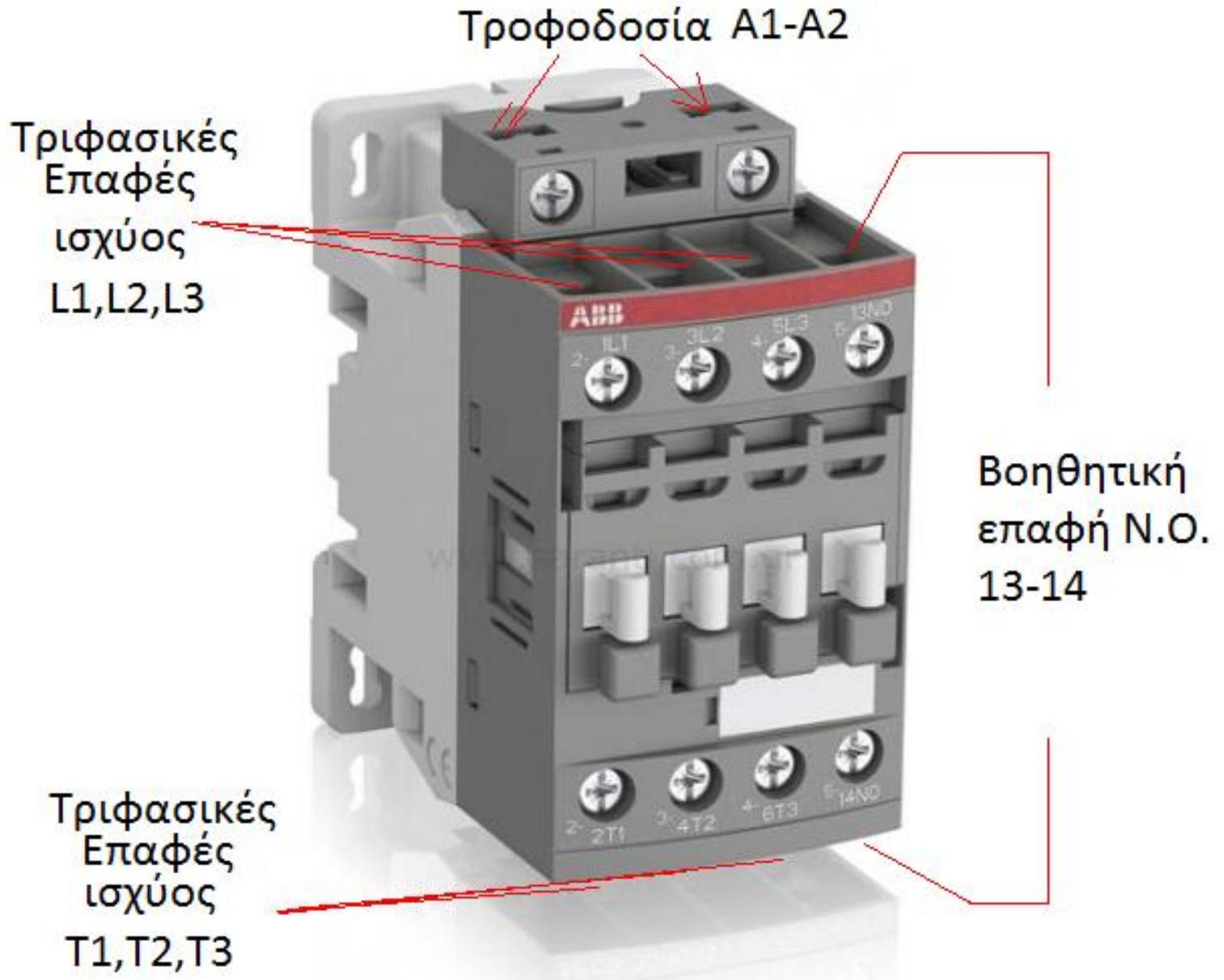
ΑΥΤΟΜΑΤΙΣΜΟΙ

<http://imarinakis.mysch.gr>

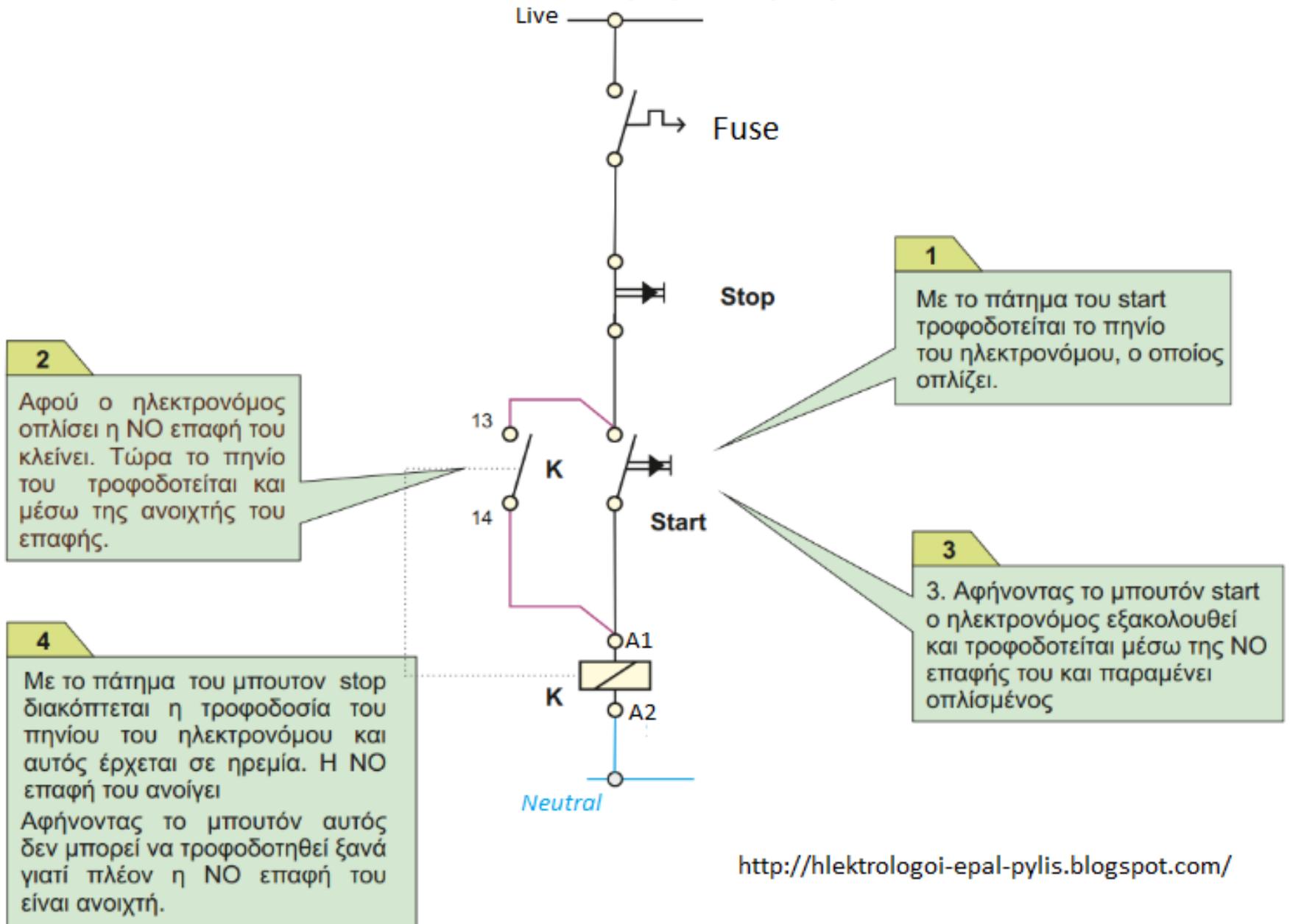
Αρχή λειτουργίας του Ηλεκτρονόμου (Relay)

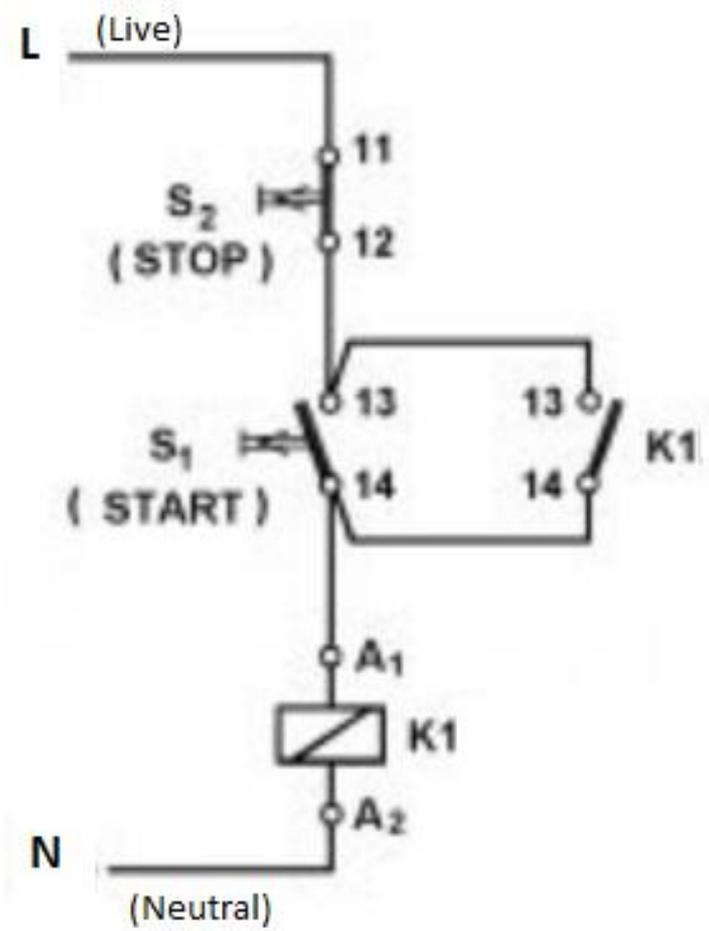
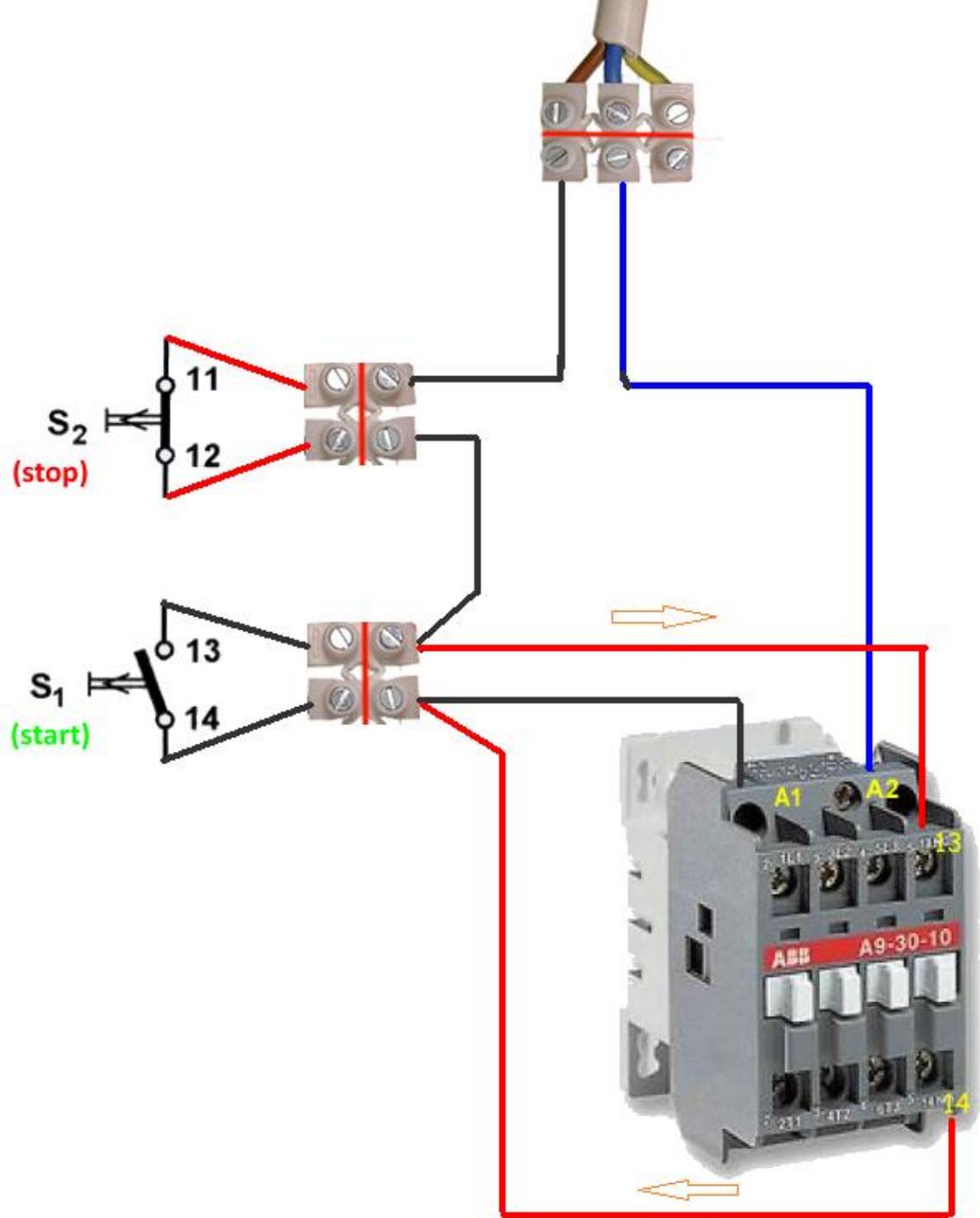


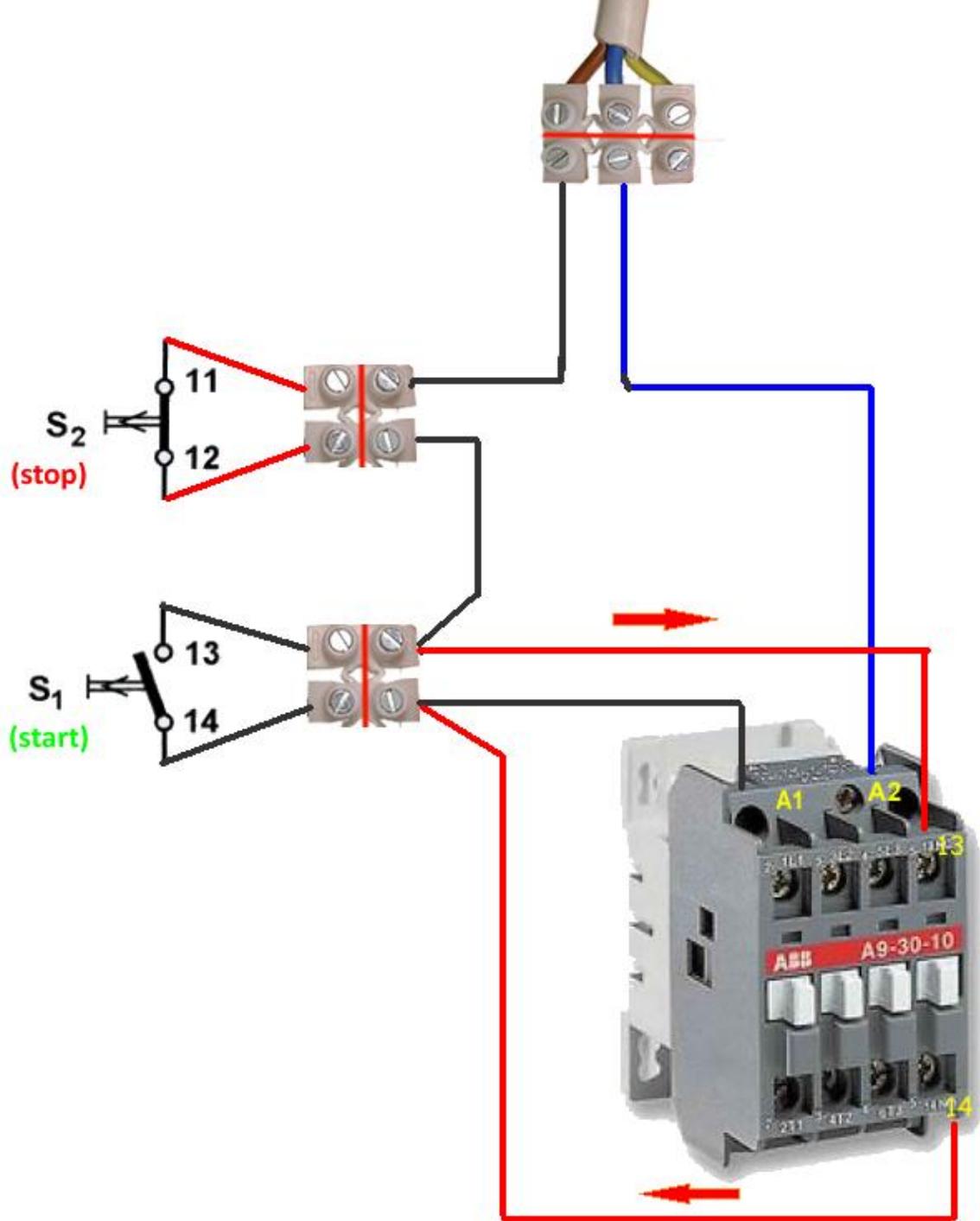
Ηλεκτρονόμος (Relay) Ιχύος

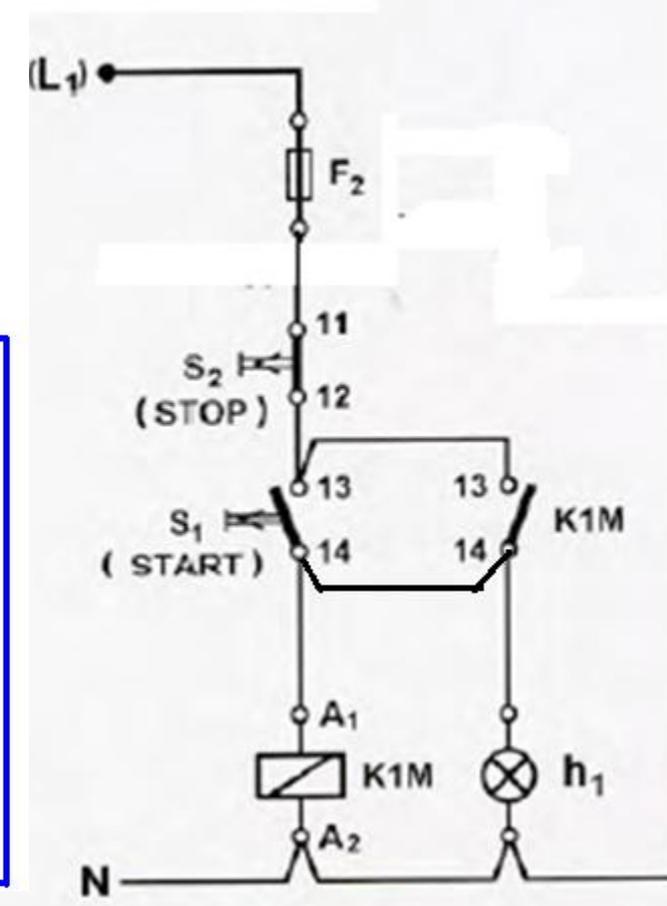
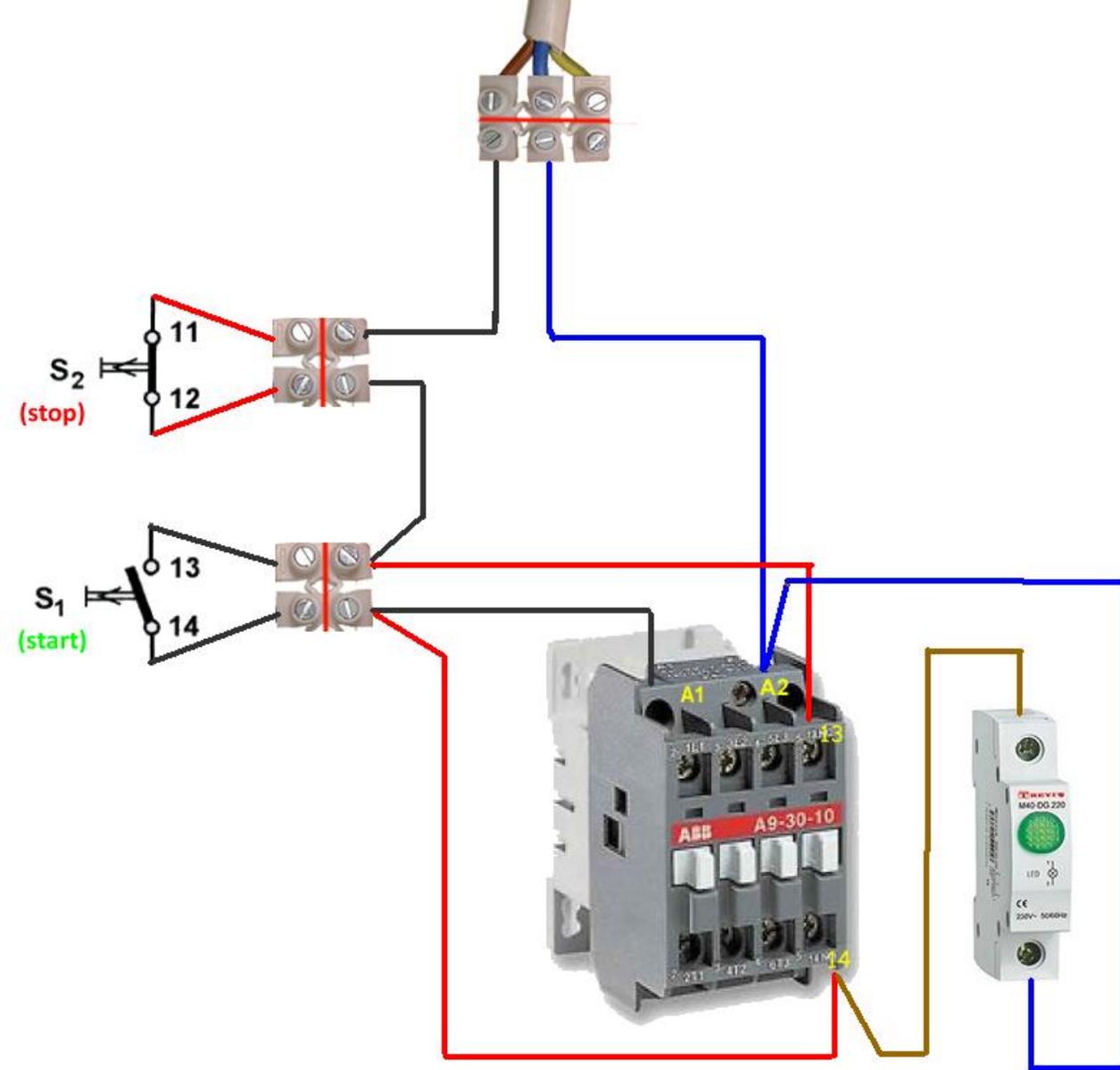


Αυτοσυγκράτηση

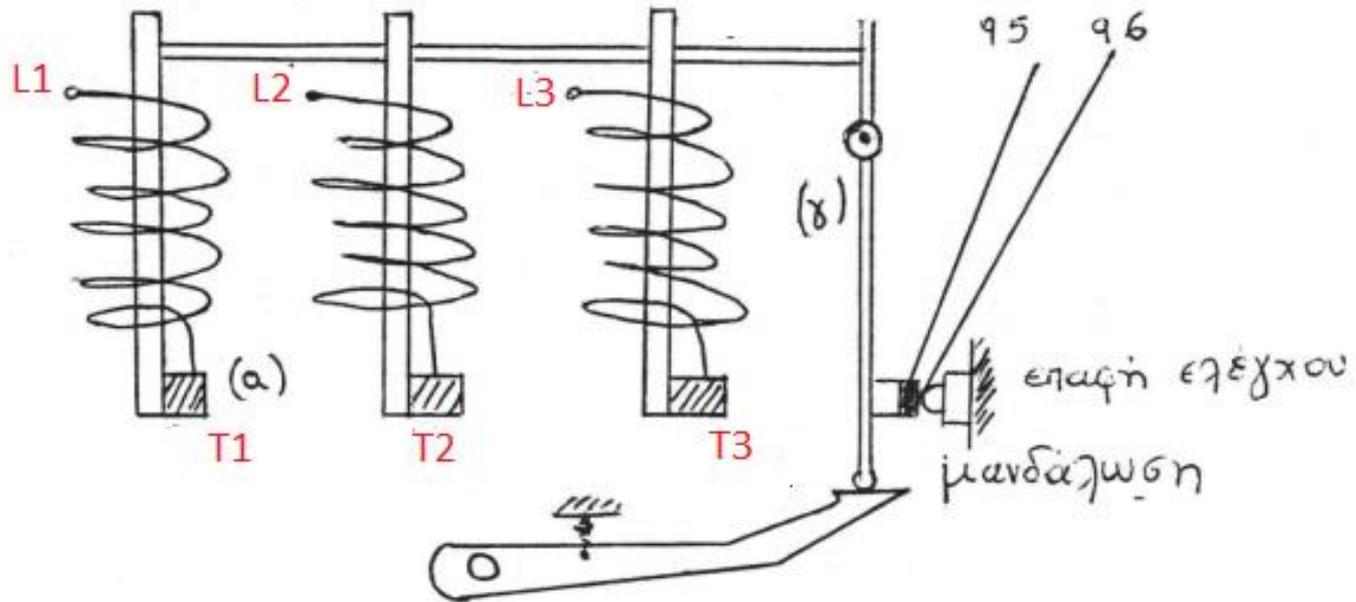




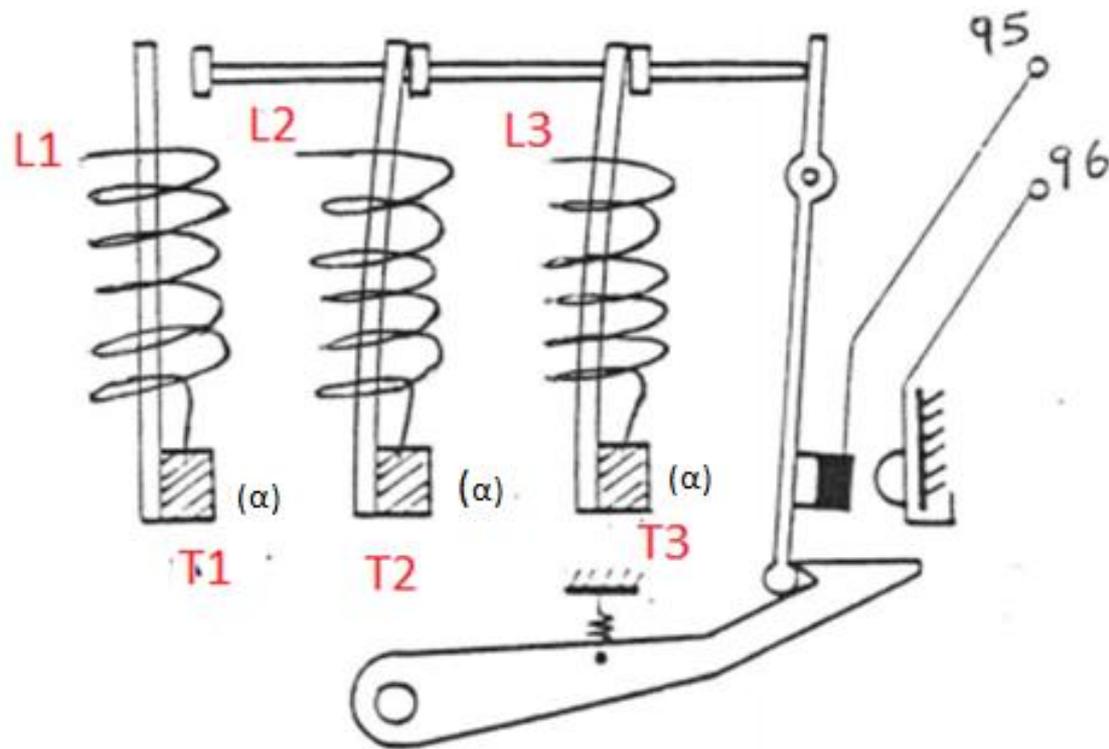




Θερμικό

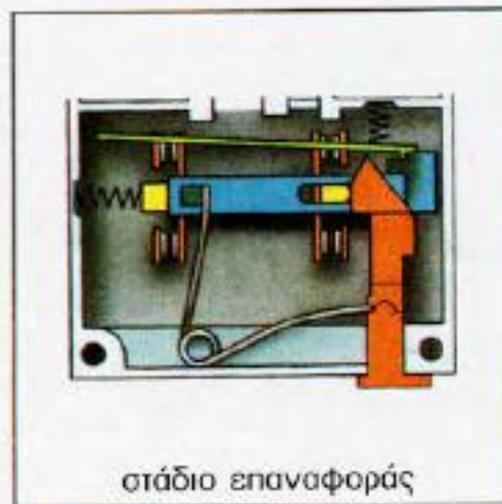
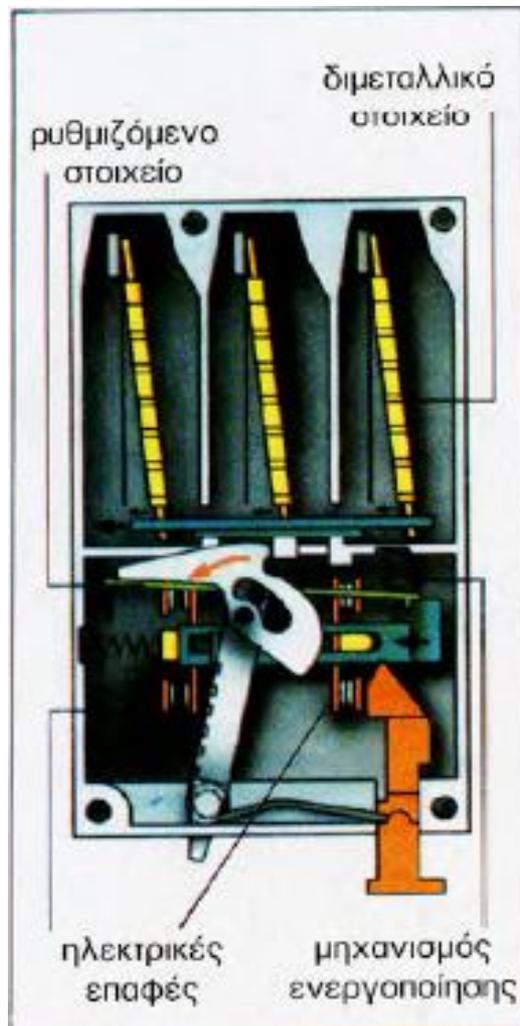


Θερμικό

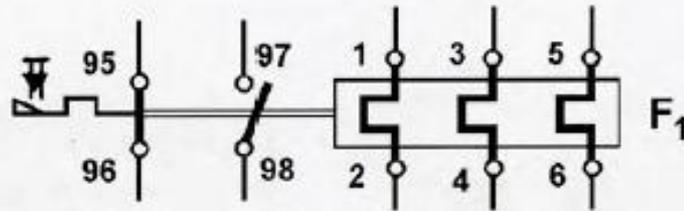


Ας υποθέσουμε ότι για οποιοδήποτε λόγο περνά από τους αγωγούς τροφοδοσίας του κινητήρα μεγαλύτερο ρεύμα (υπερένταση). Σε αυτή την περίπτωση τα διμεταλλικά ελάσματα (α) θα θερμανθούν και λόγω των διαφορετικού συντελεστή διαστολής των δύο μετάλλων από τα οποία αποτελούνται τα διμεταλλικά θα λυγίσουν. Θα πρέπει να σημειώσουμε, ότι για την λειτουργία τον θερμικού αρκεί η κάμψη και του ενός μόνο διμεταλλικού ελάσματος.

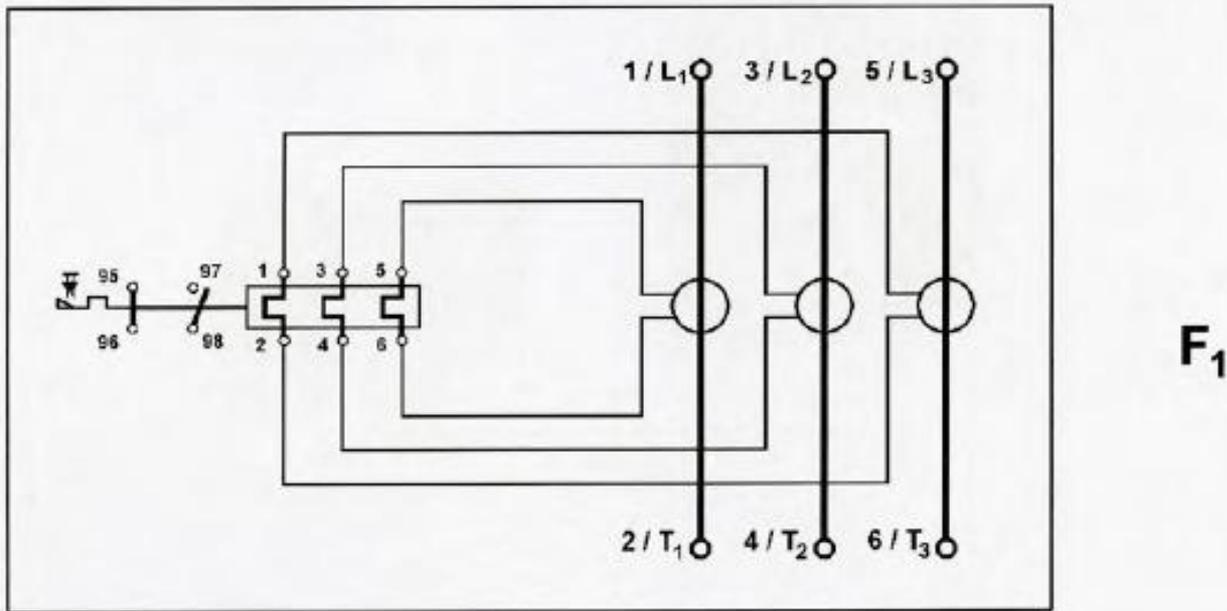
Θερμικό



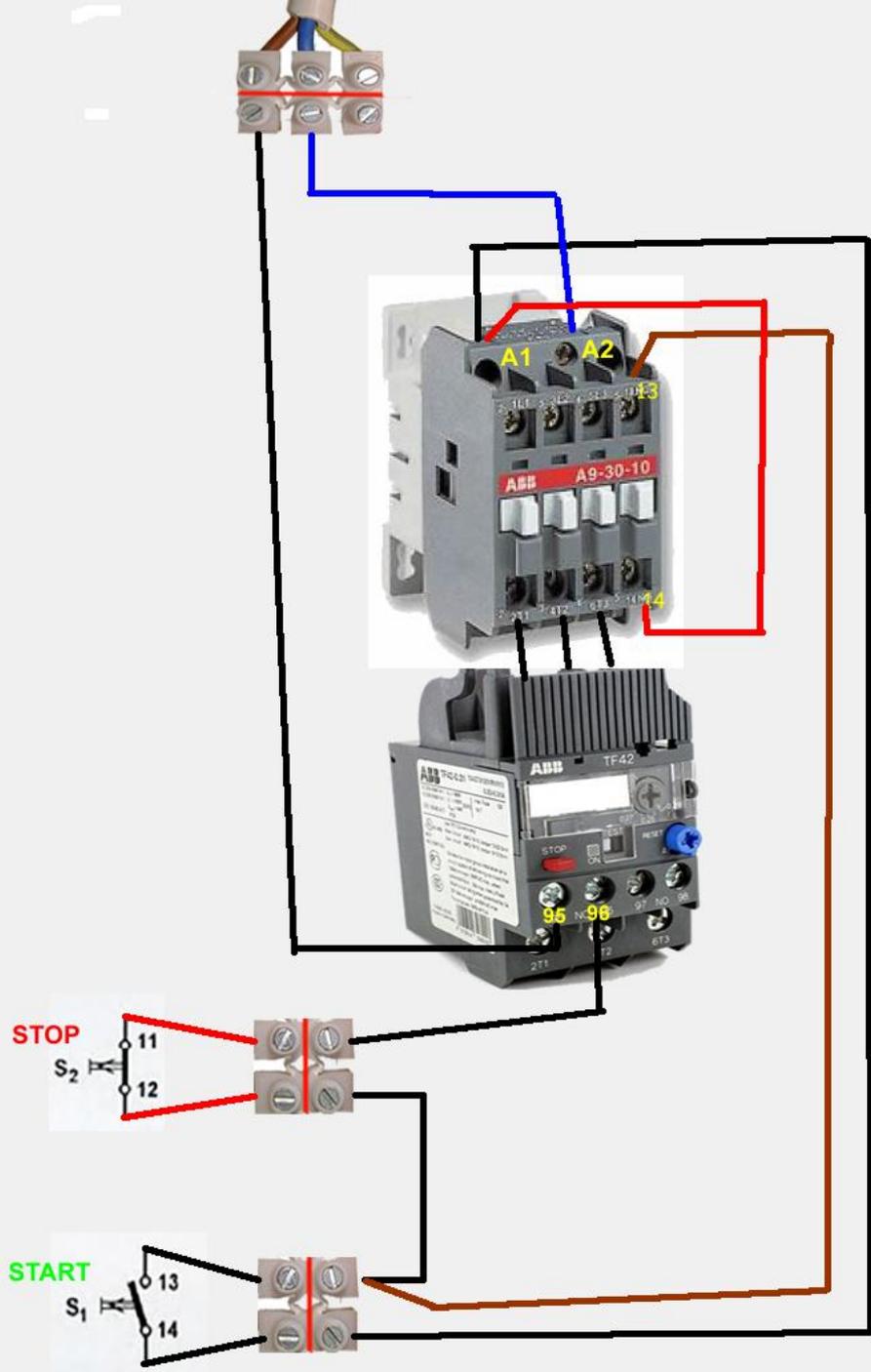
Θερμικό

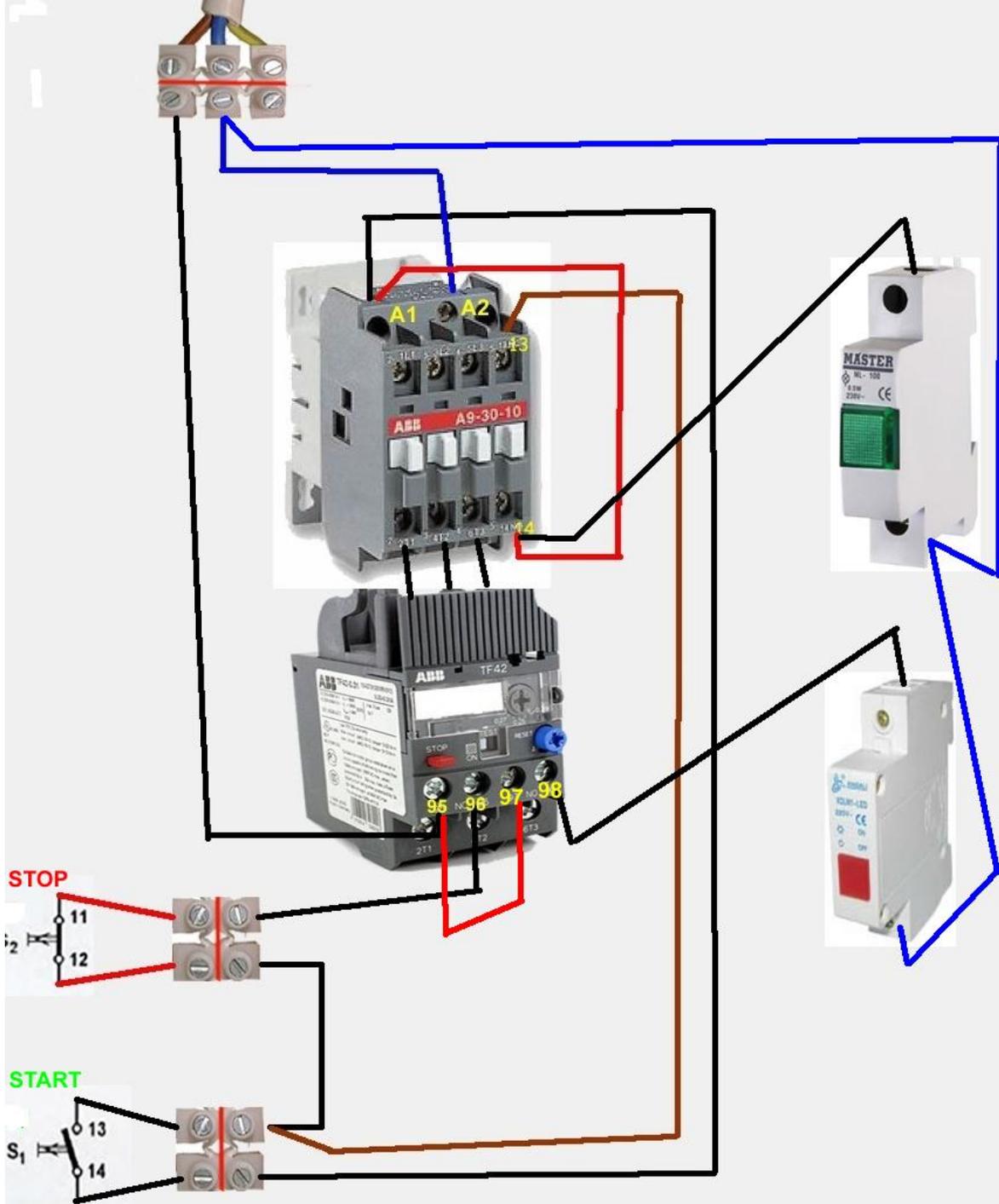


(α)

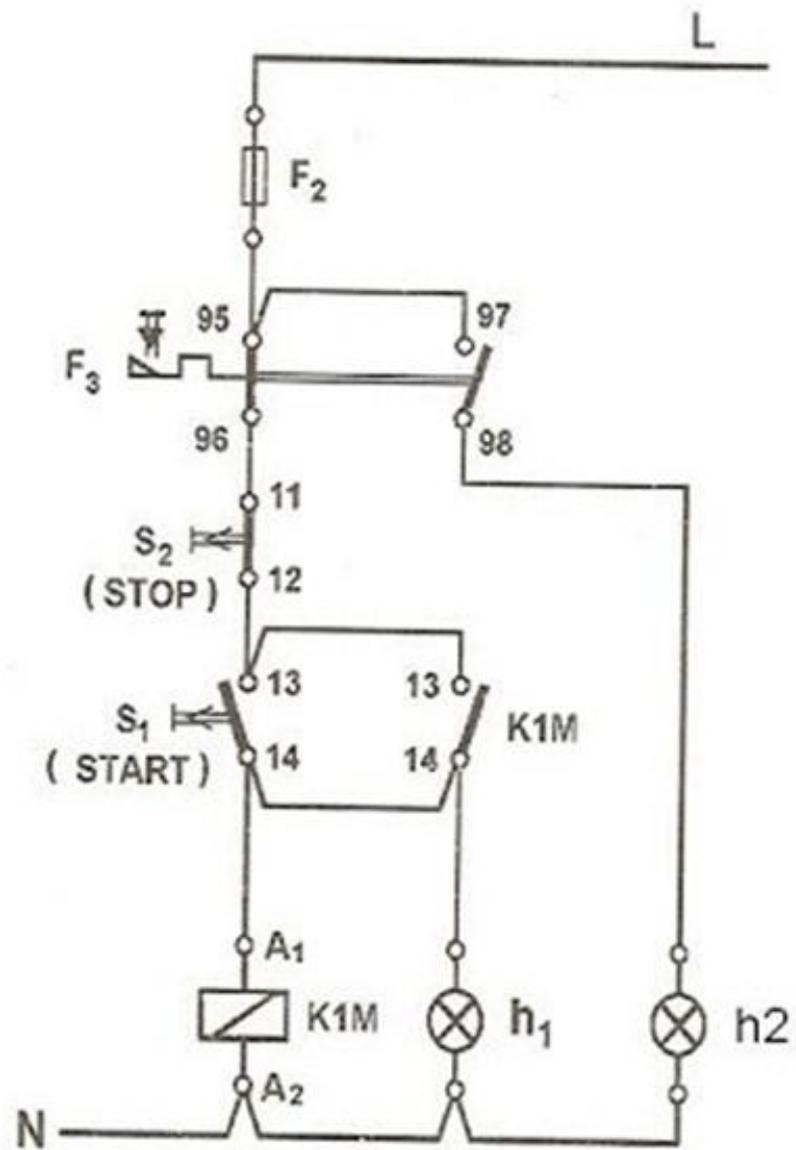
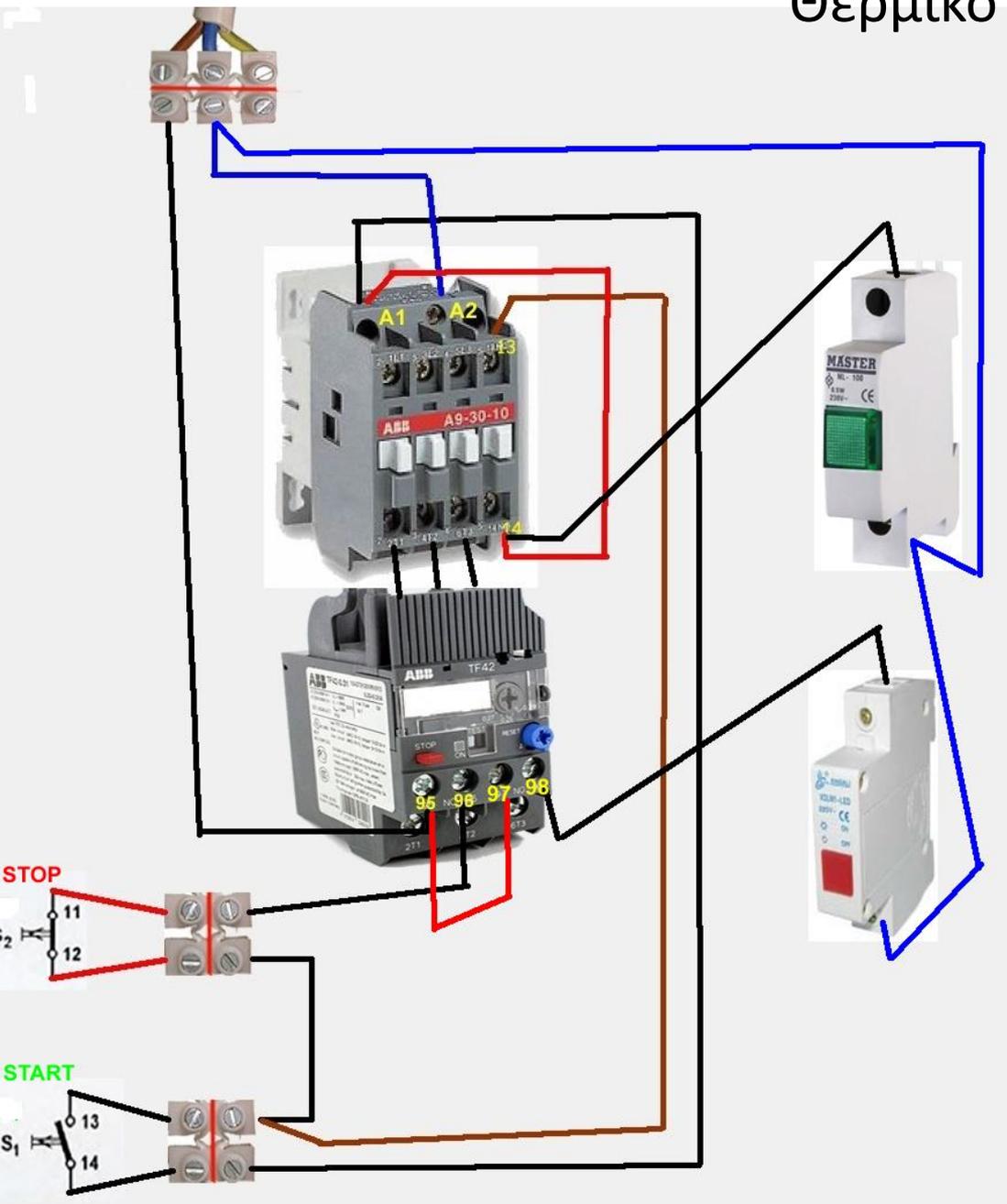


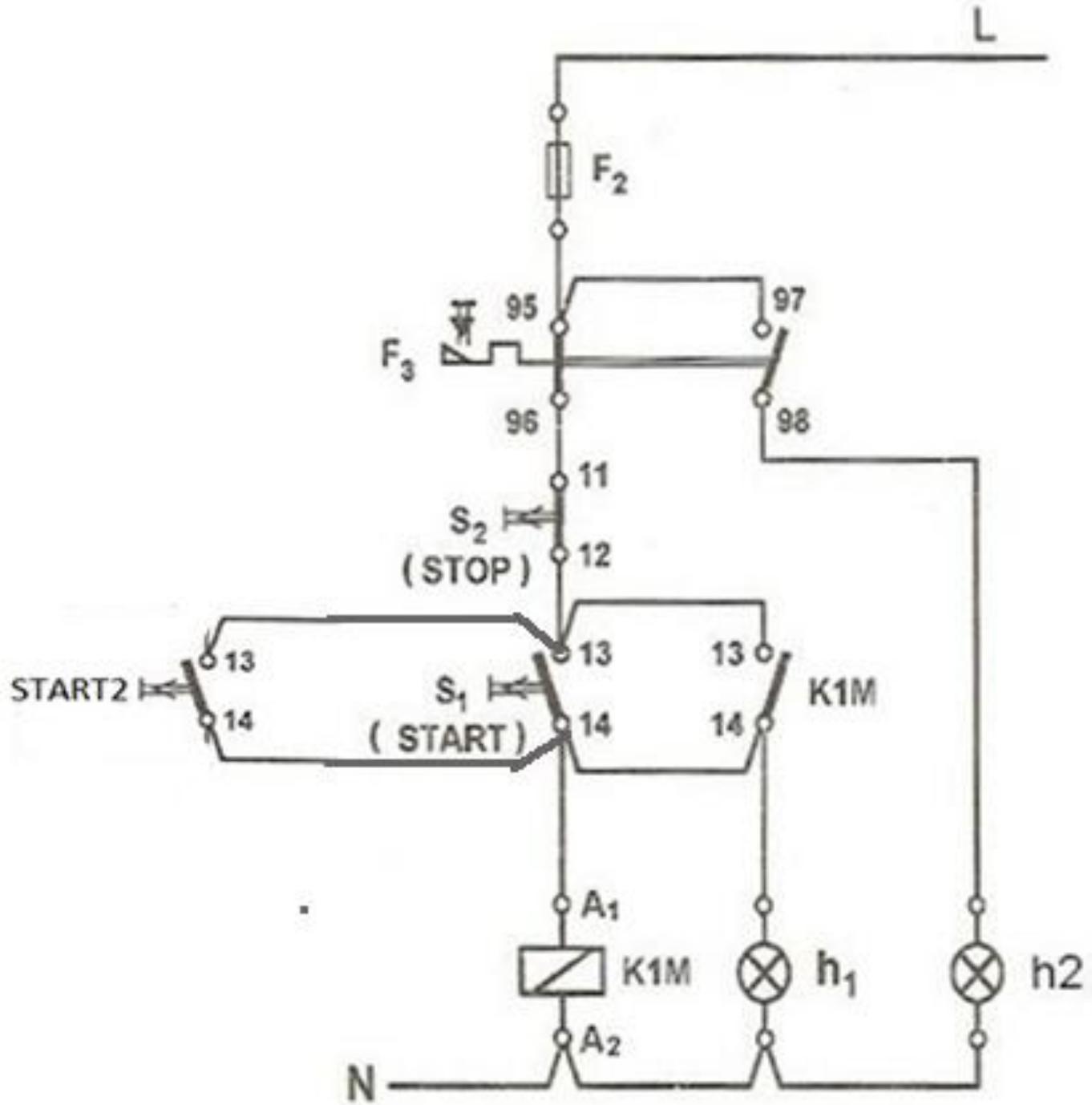
(β)

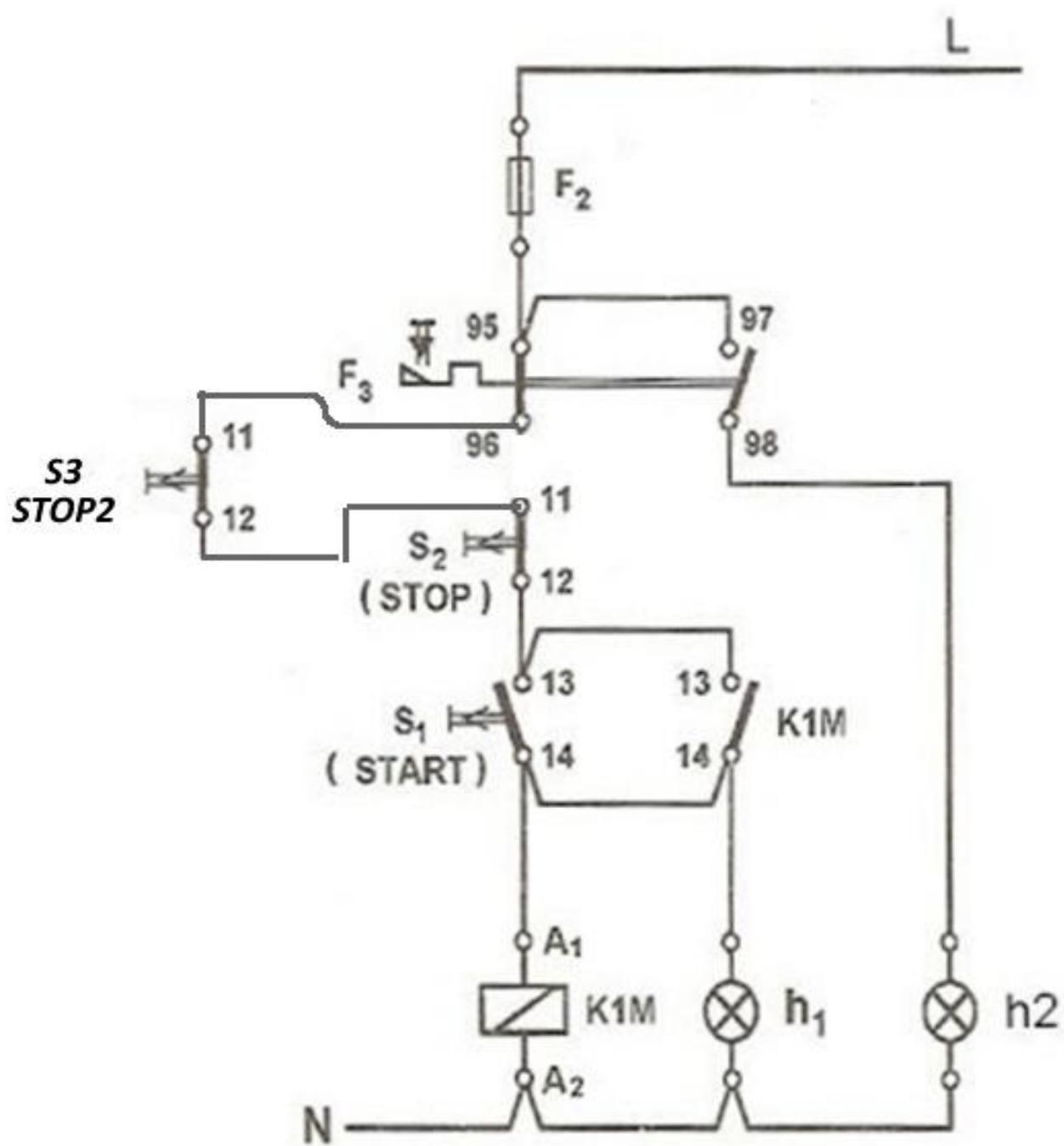


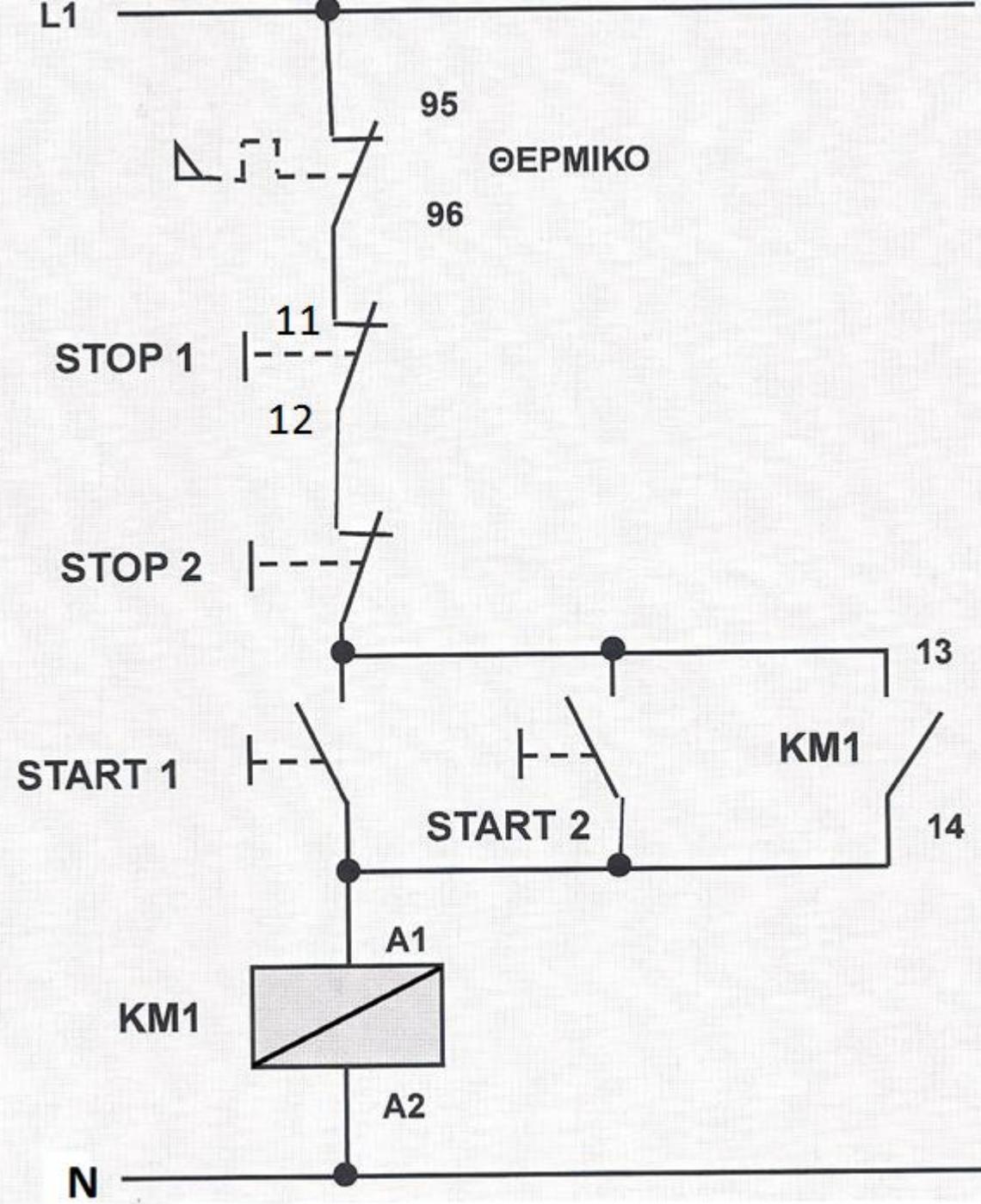


Θερμικό

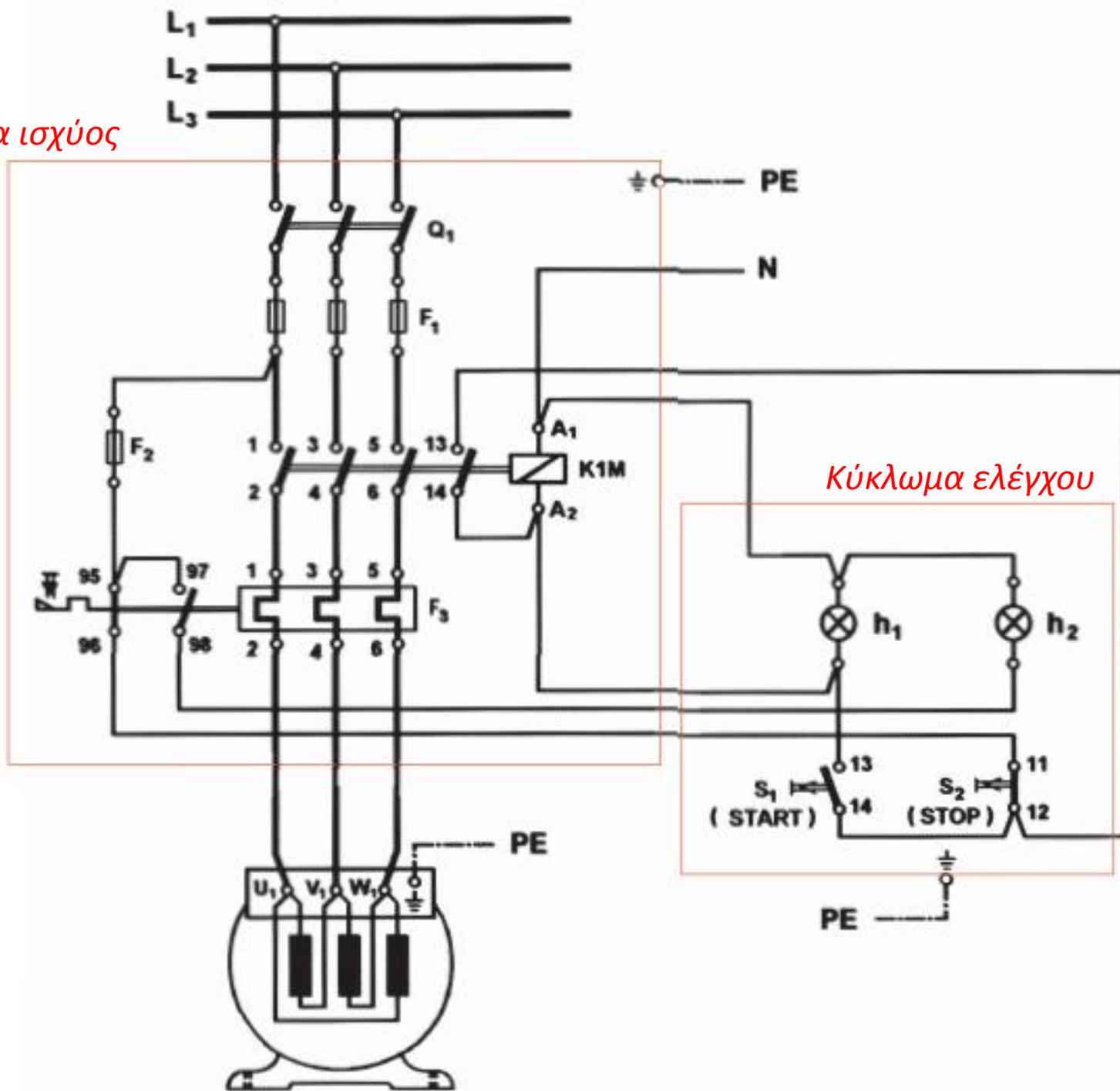


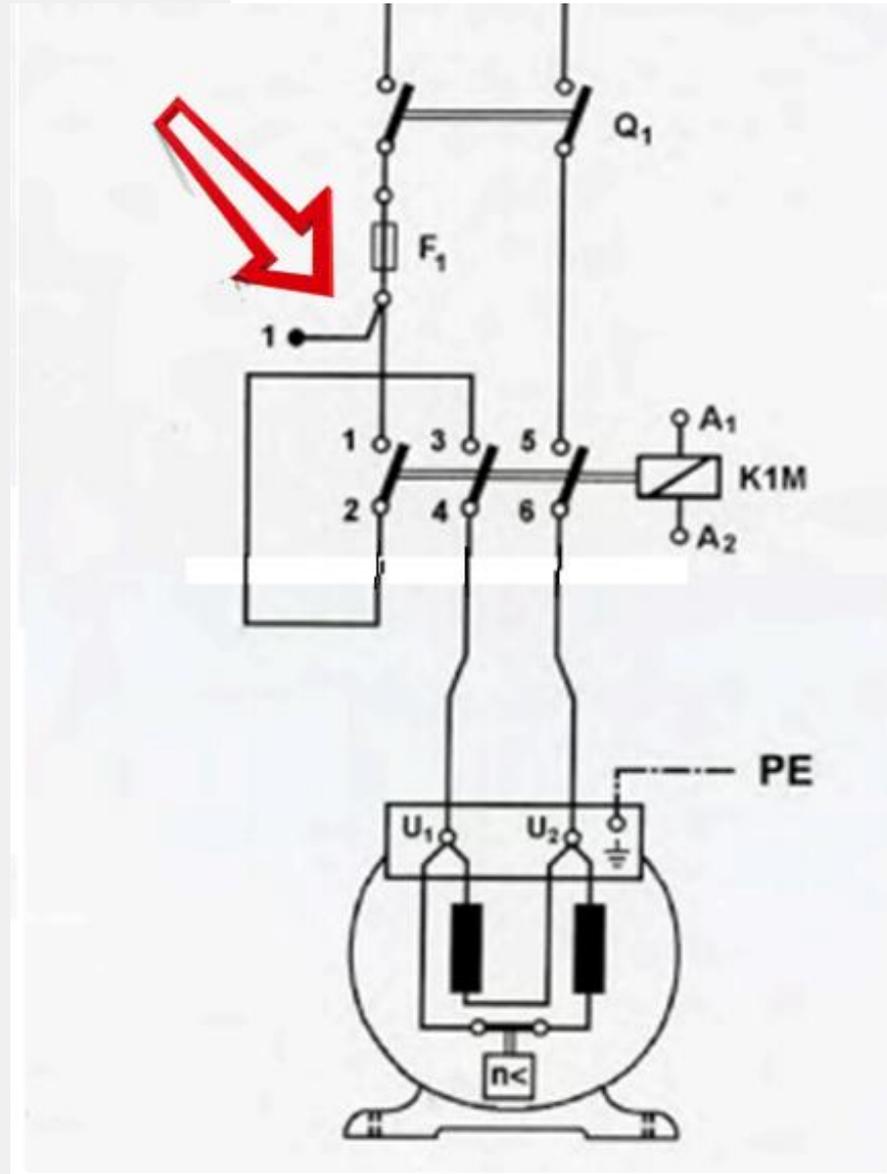
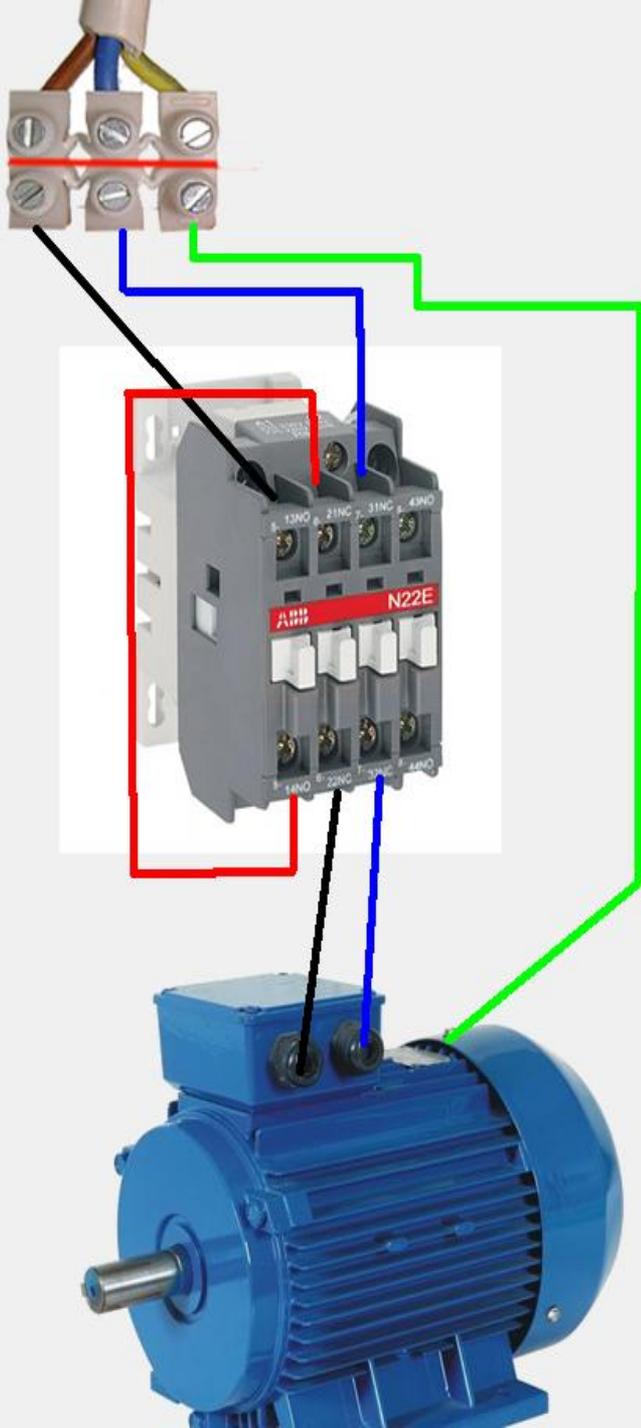


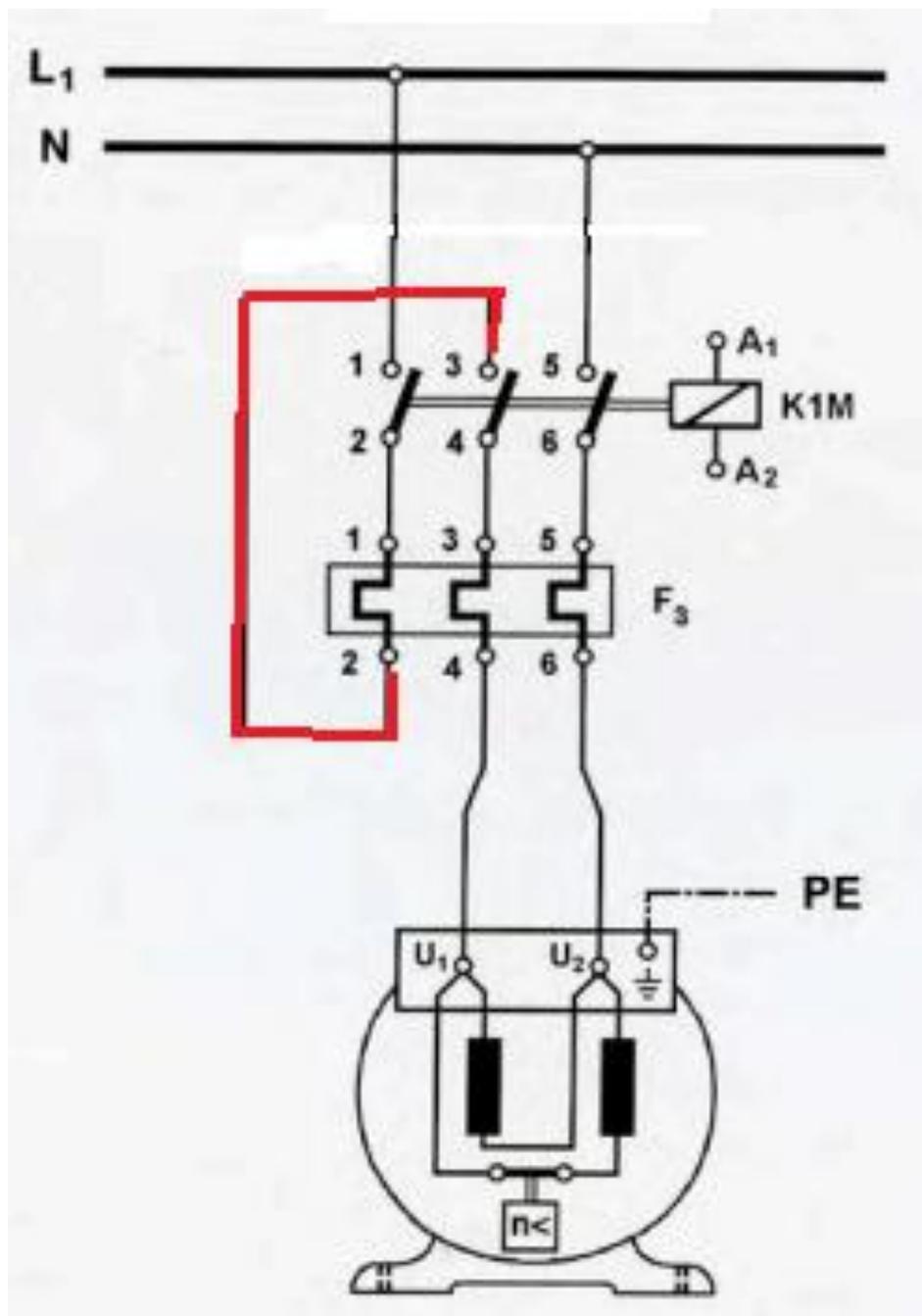


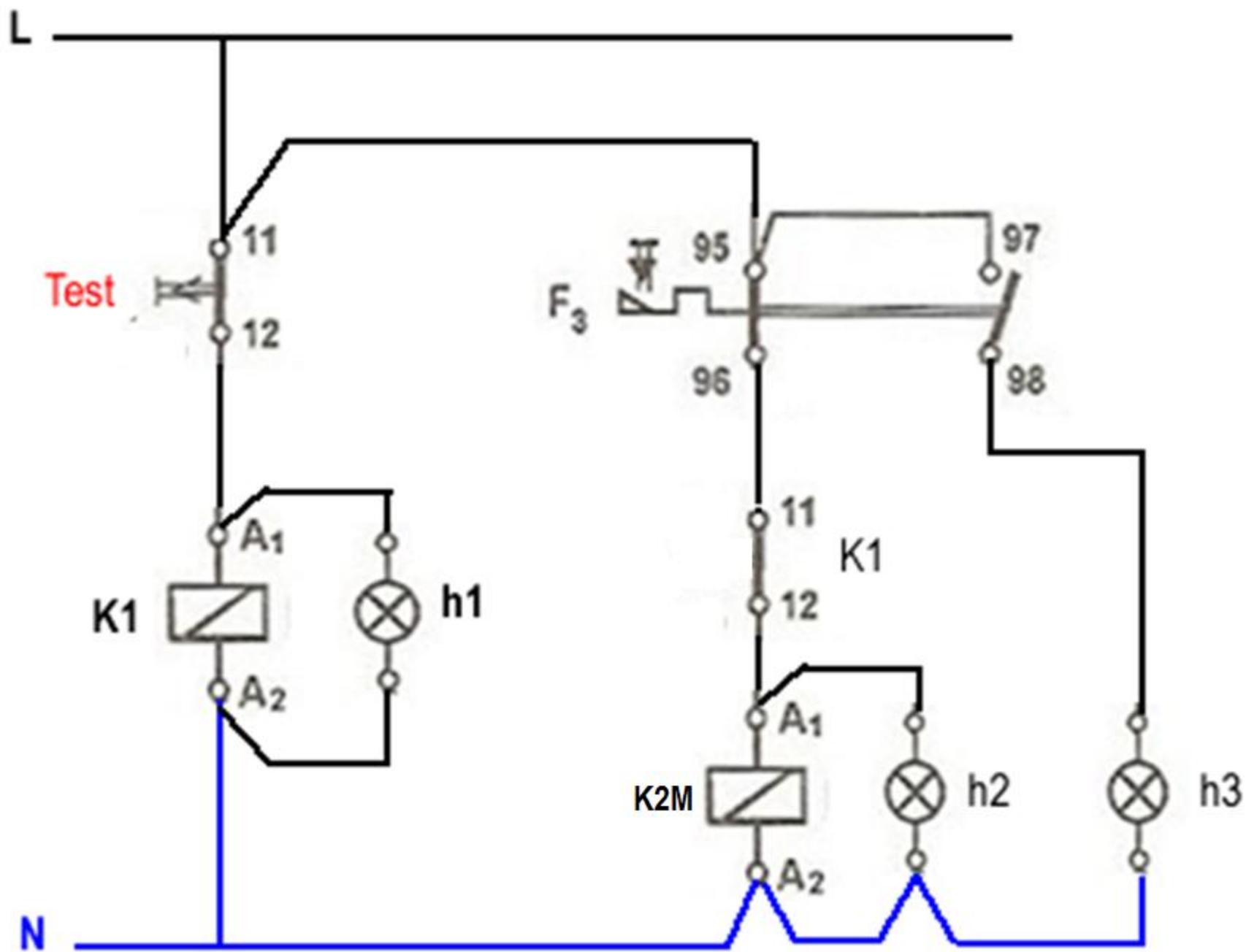


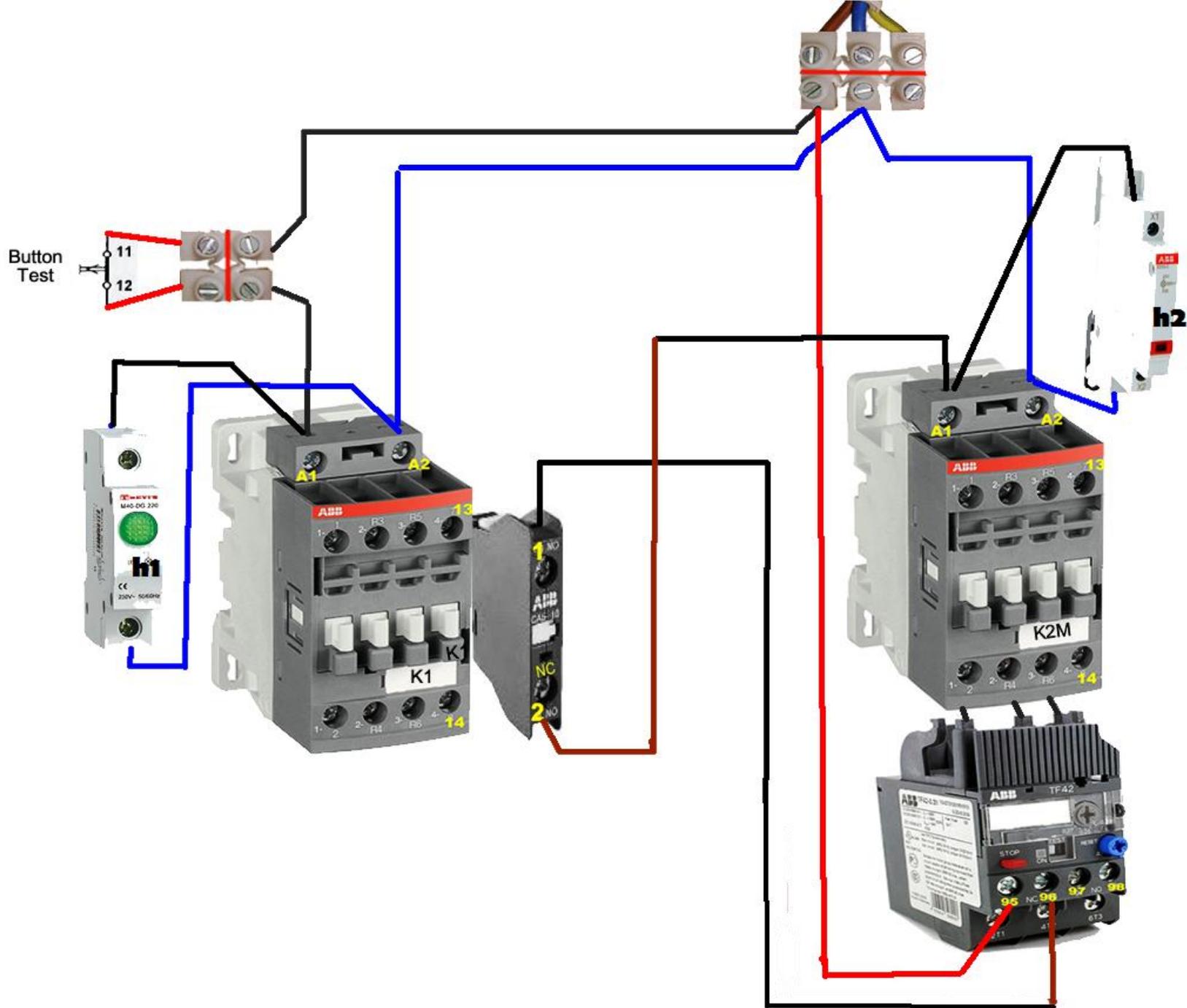
Κύκλωμα ισχύος

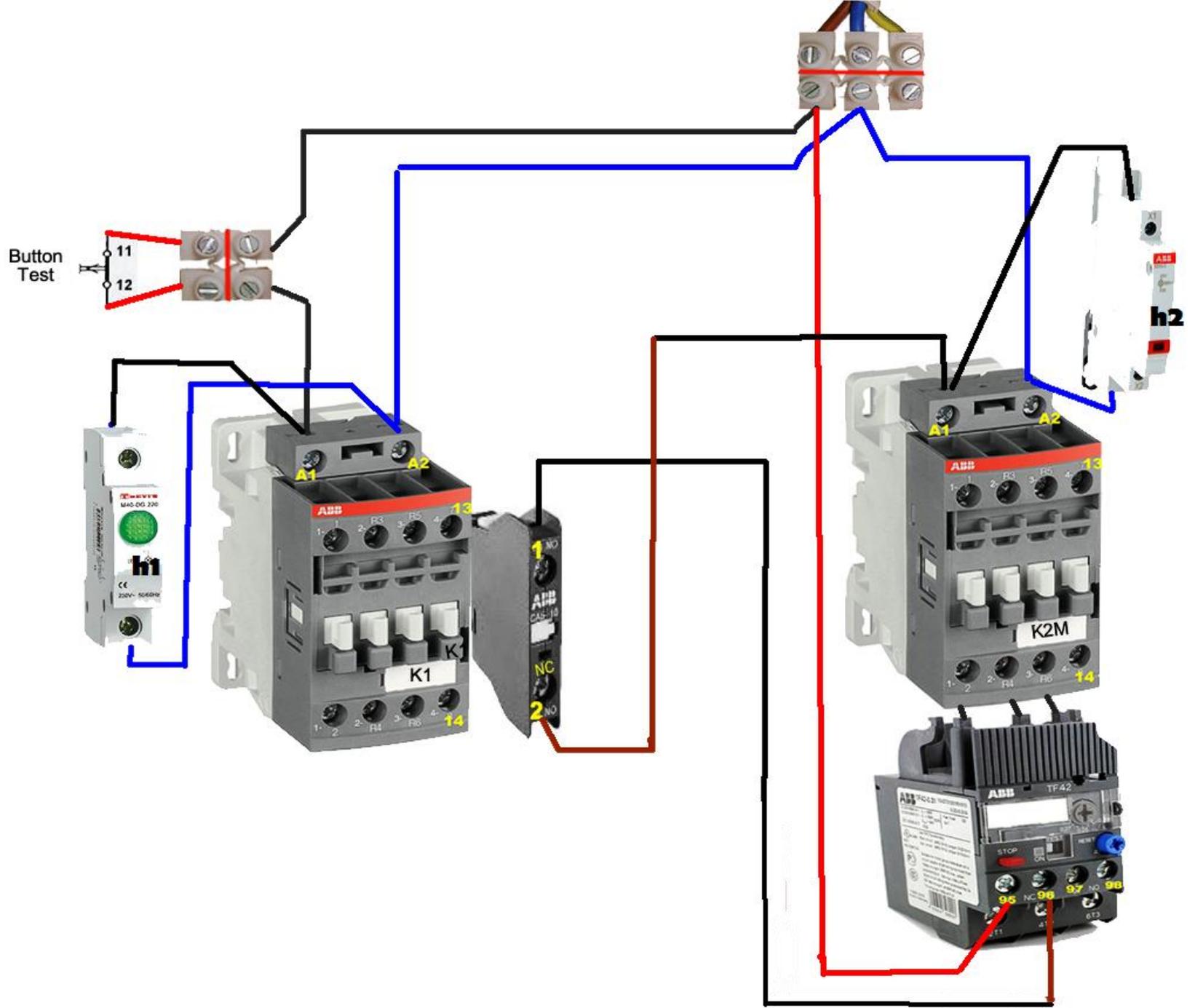




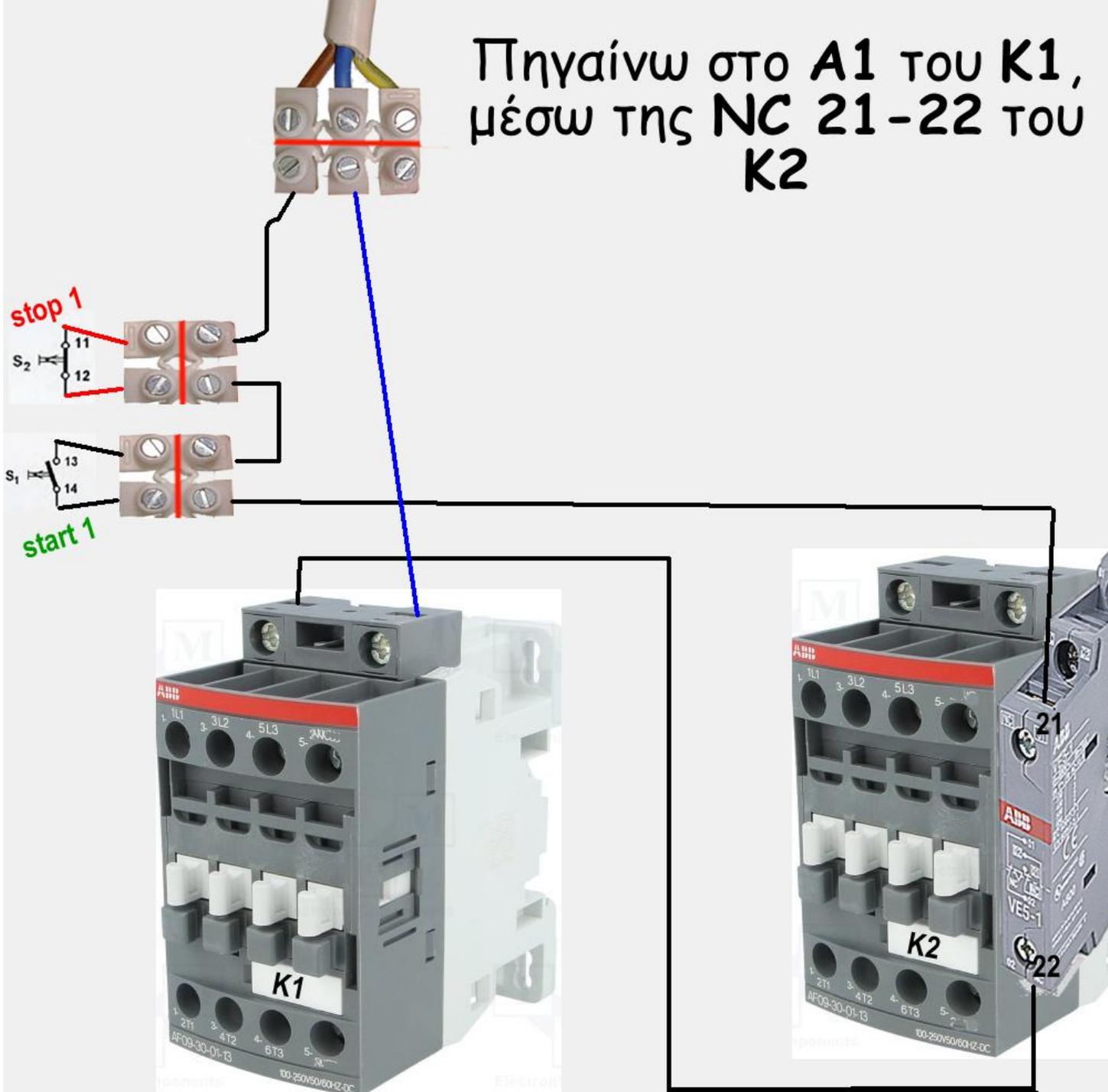






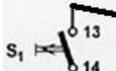


Πηγαίνω στο A1 του K1,
μέσω της NC 21-22 του
K2



Πηγαίνω στο A1 του K2,
μέσω της NC 21-22 του
K1

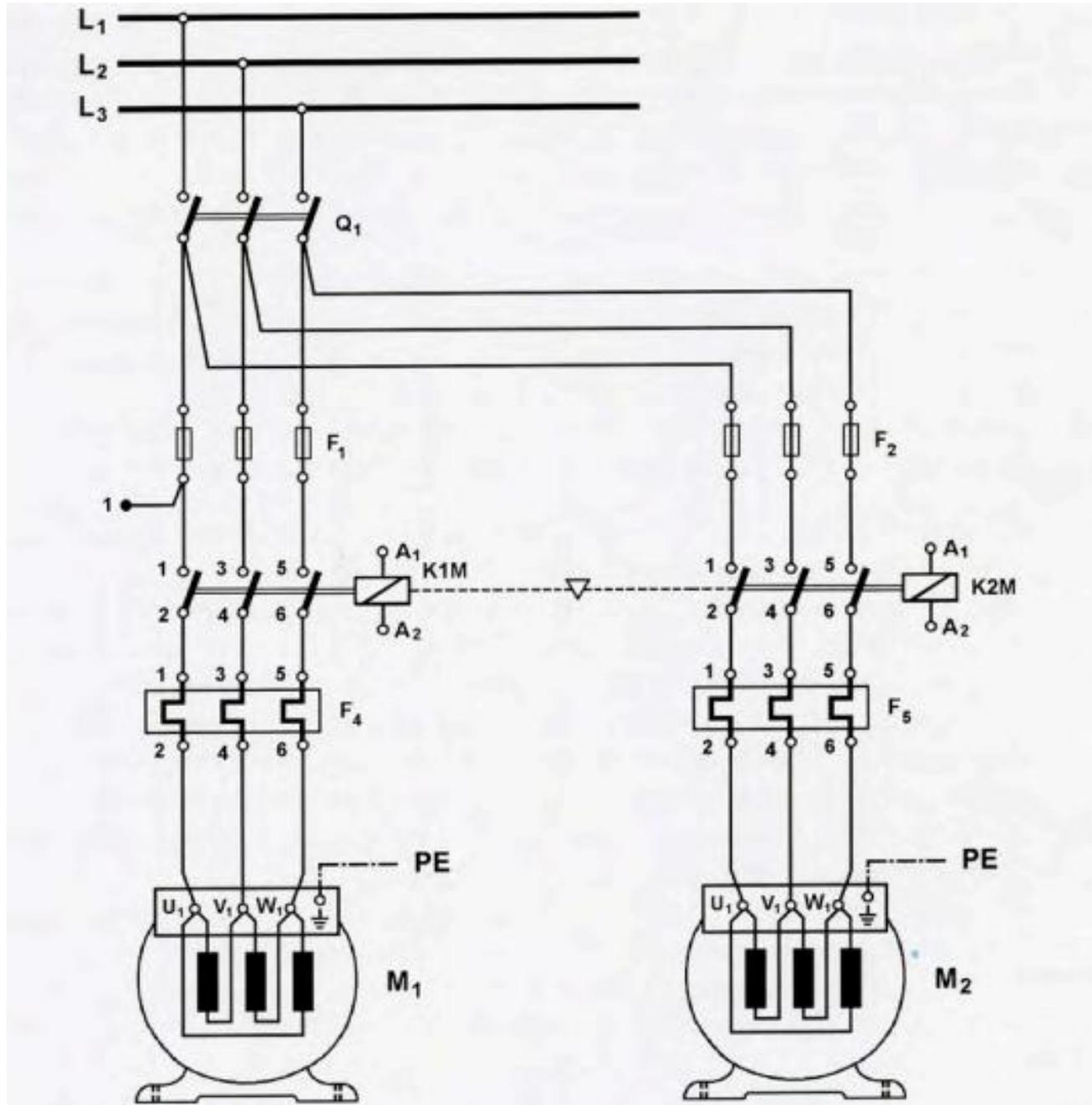
stop 2

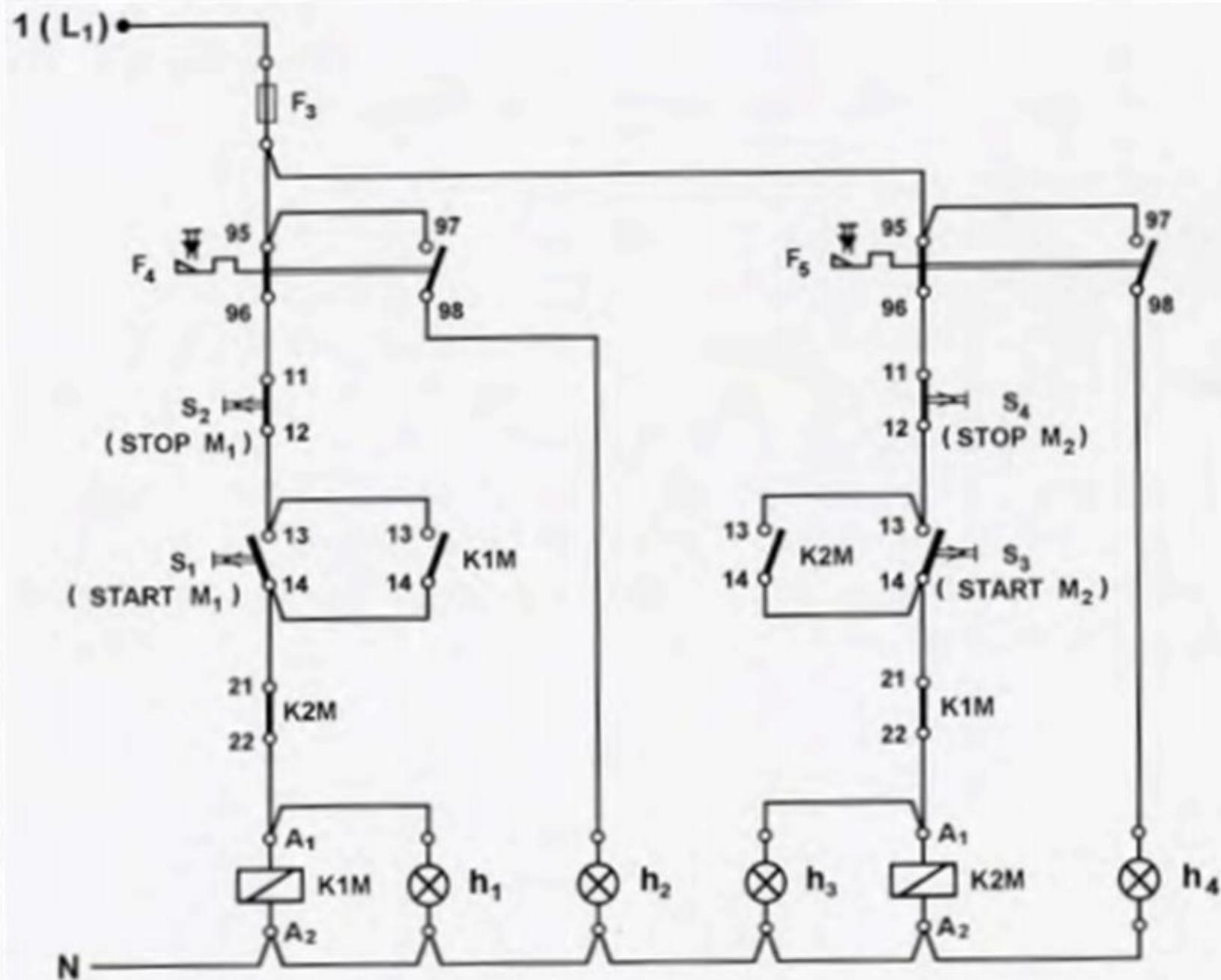


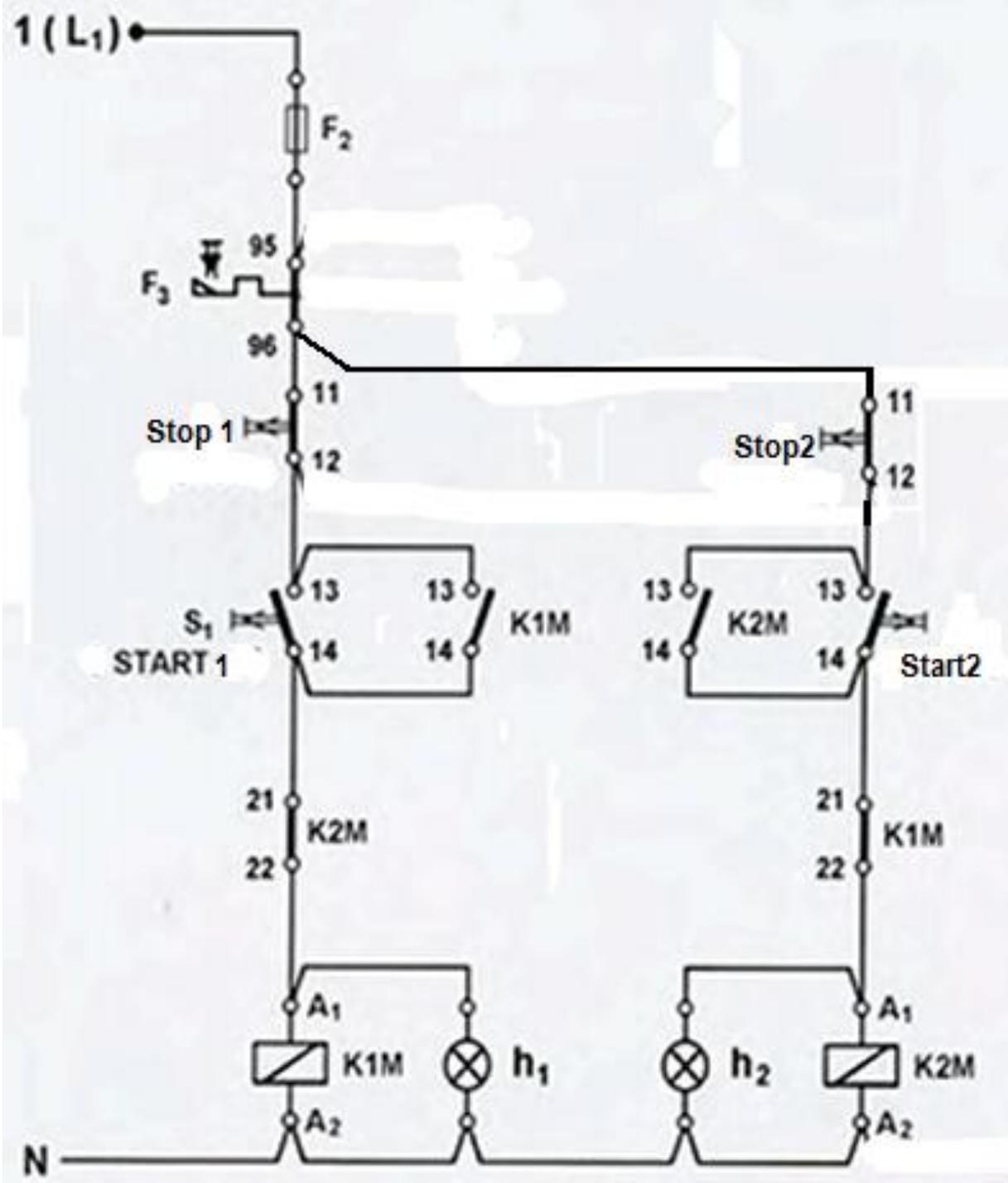
start 2

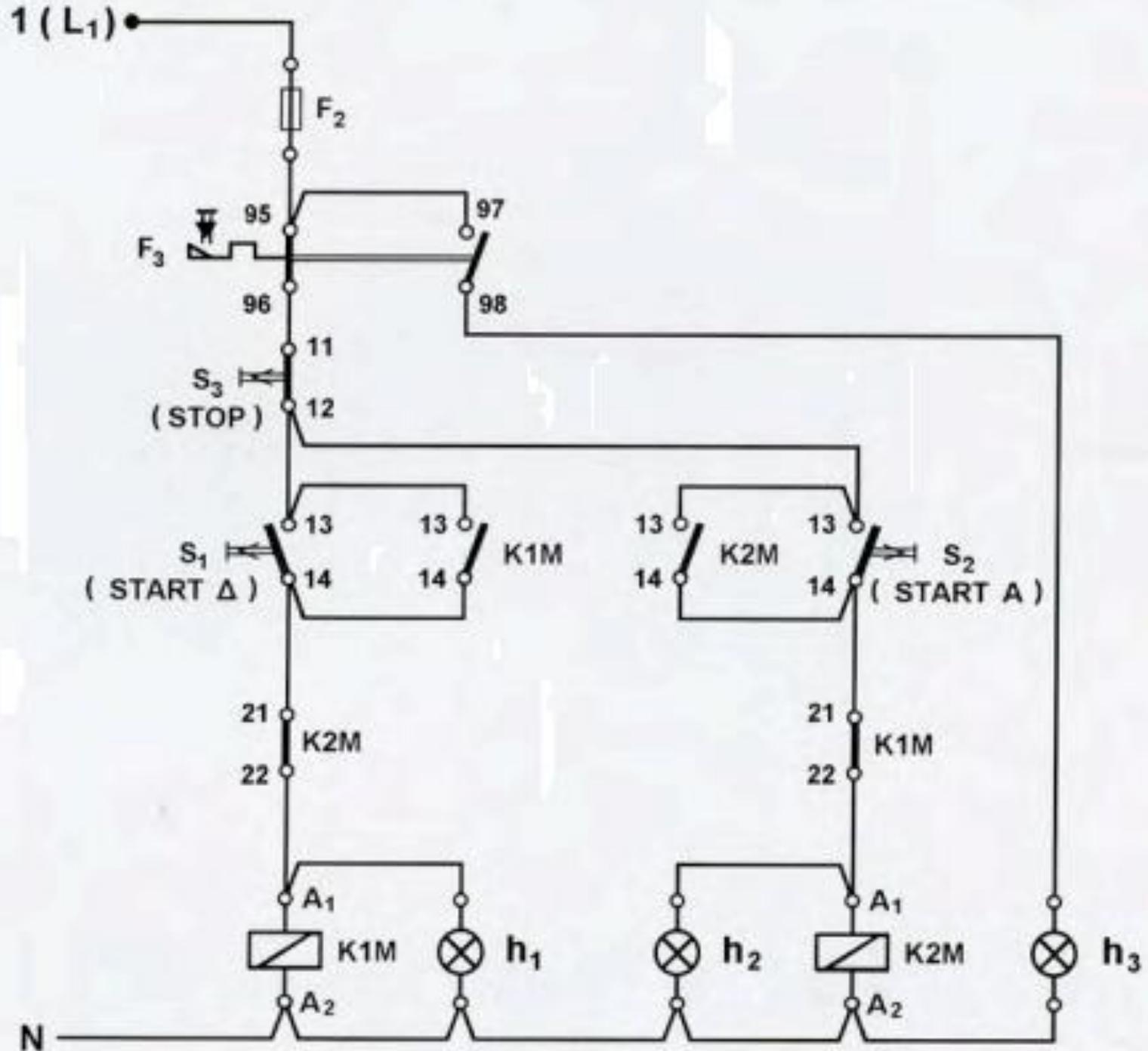


Ηλεκτρική μανδάλωση δυο κινητήρων

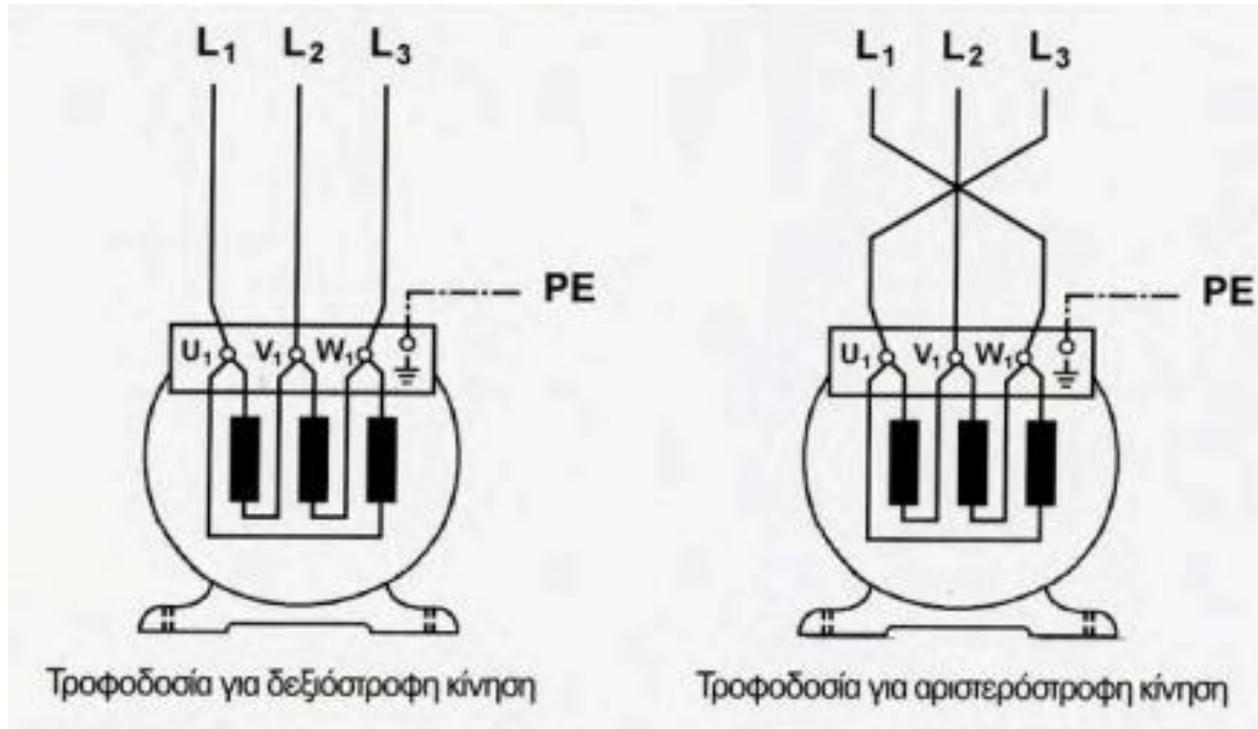


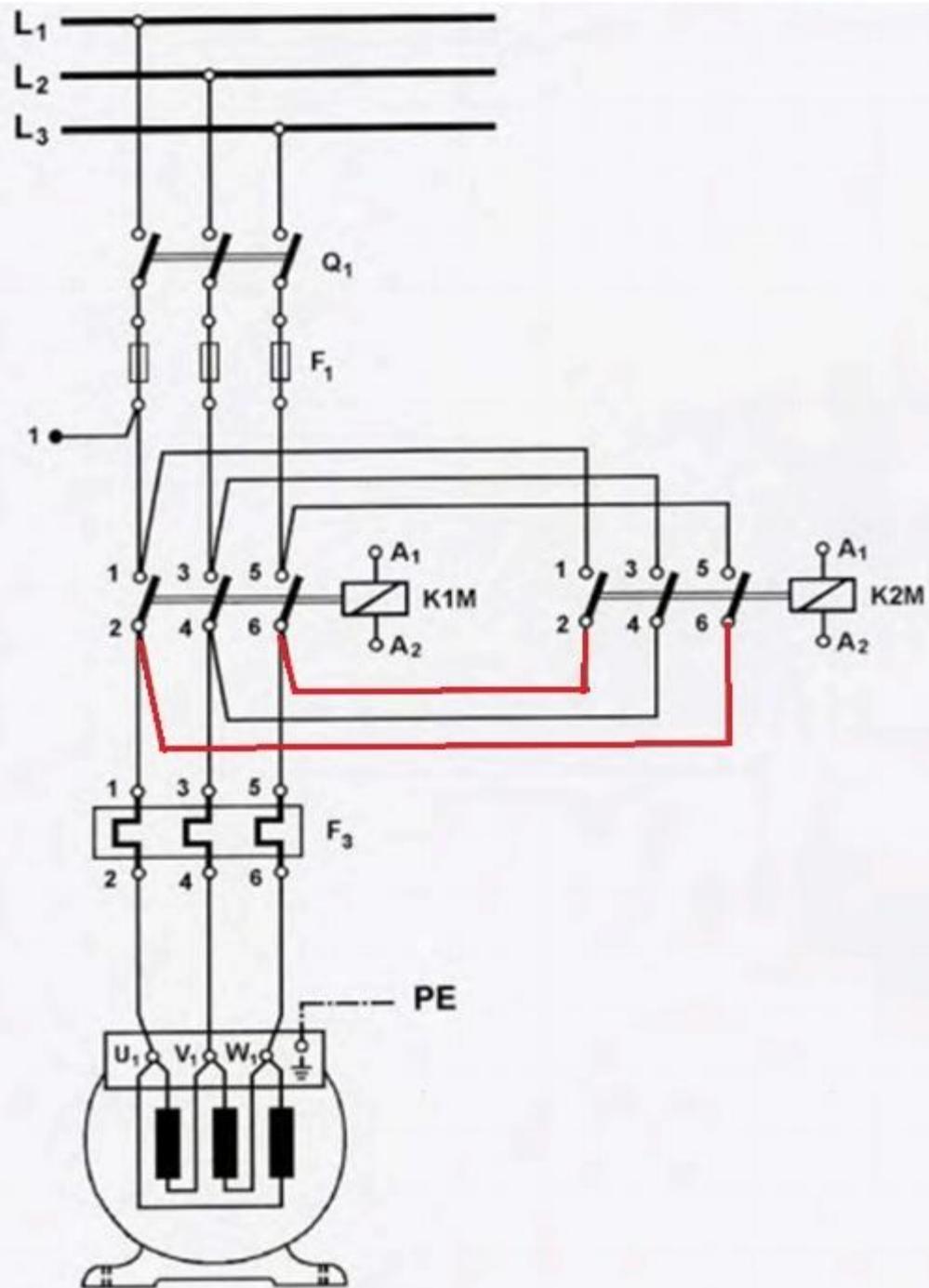






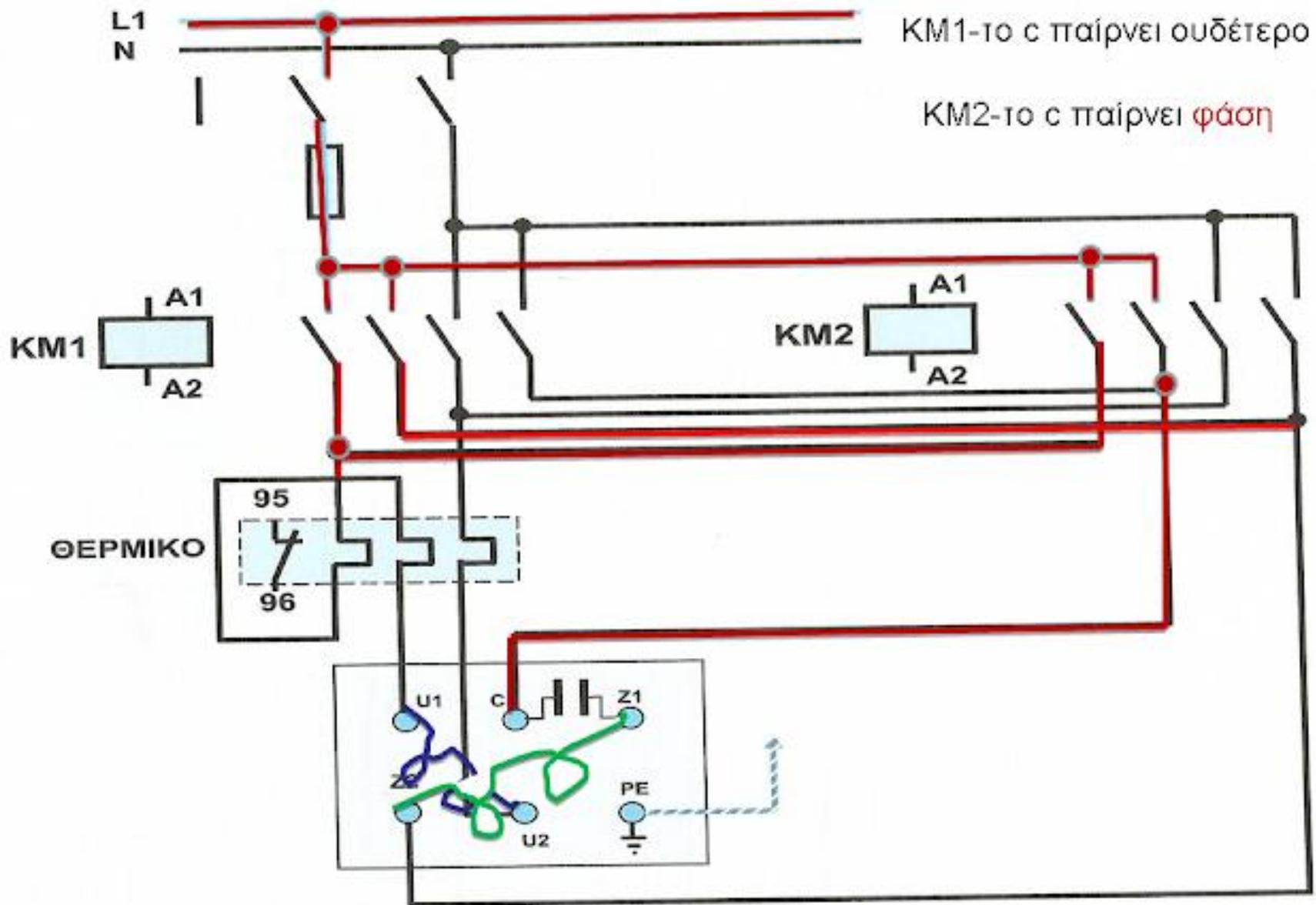
Αναστροφή τριφασικού κινητήρα

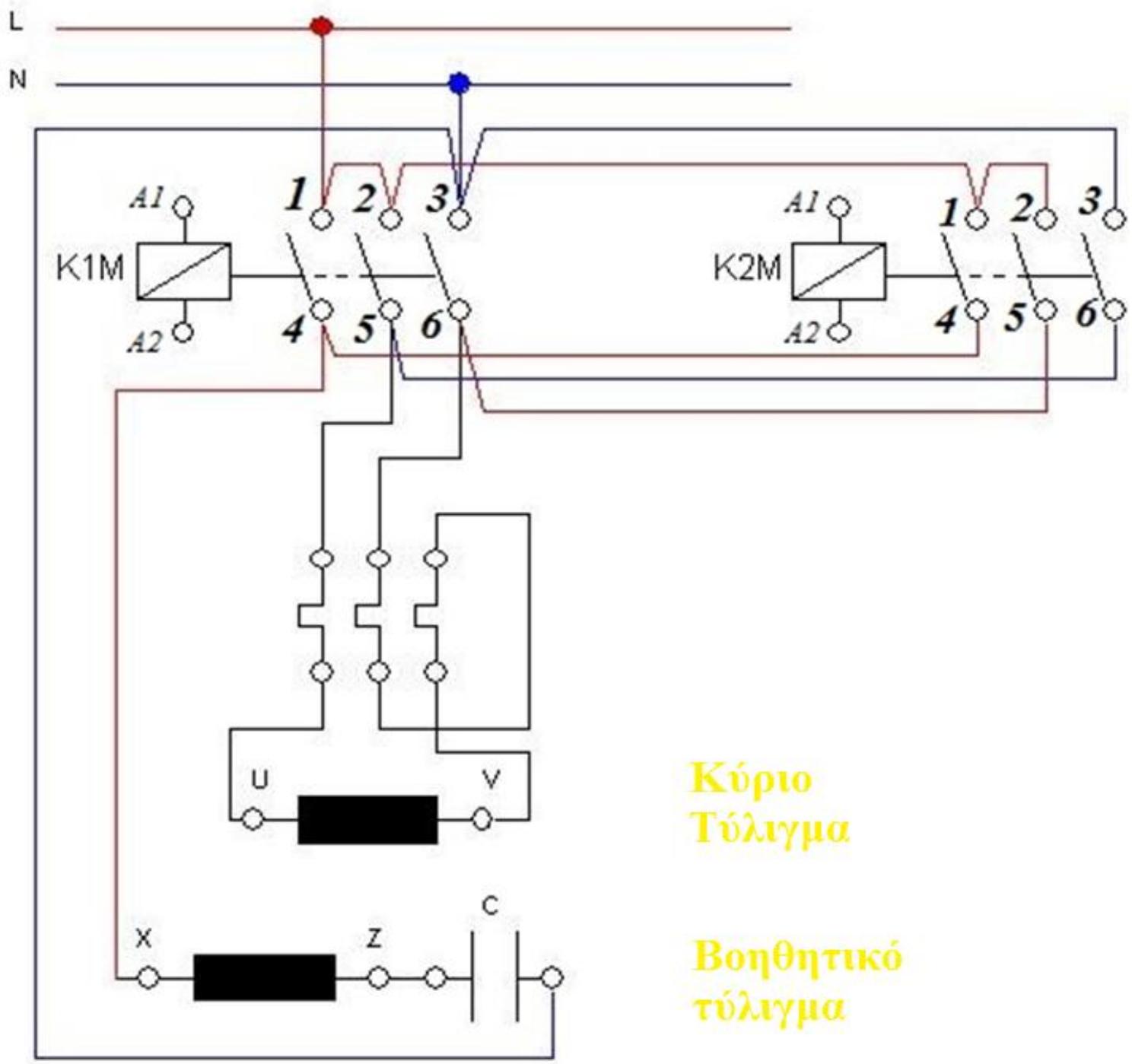




Αναστροφή Ασύγχρονου Μονοφασικού κινητήρα

A) Κύκλωμα ΙΣΧΥΟΣ

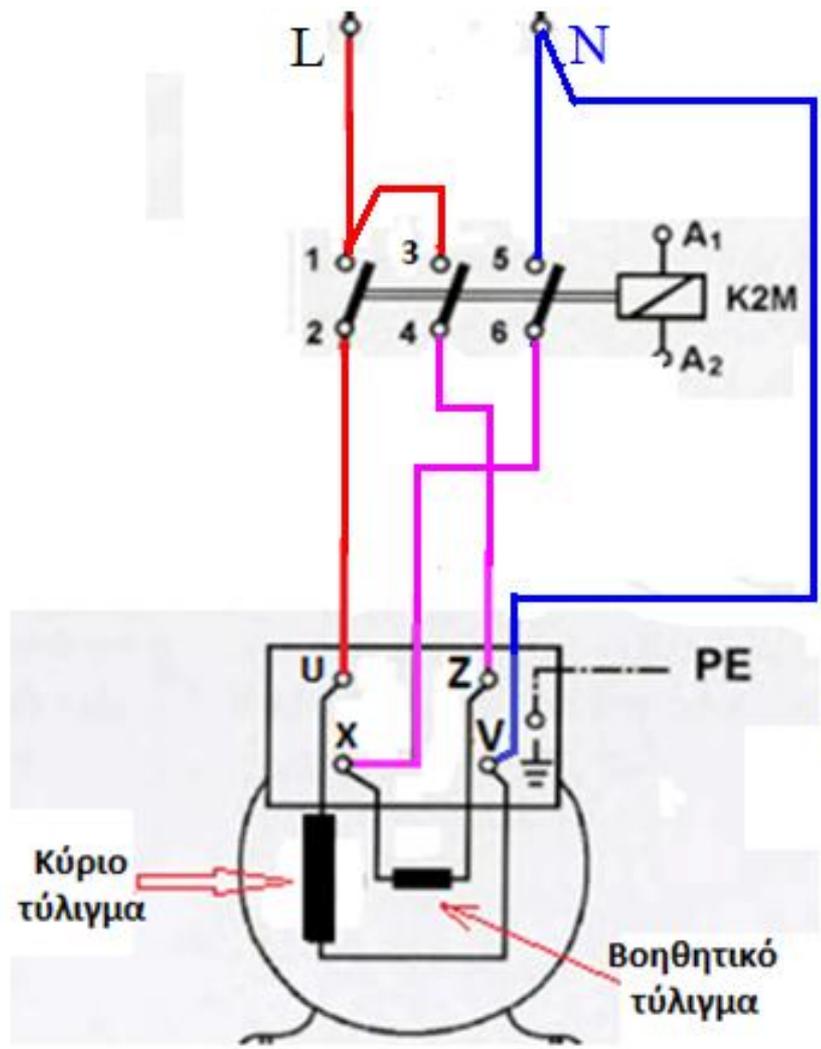
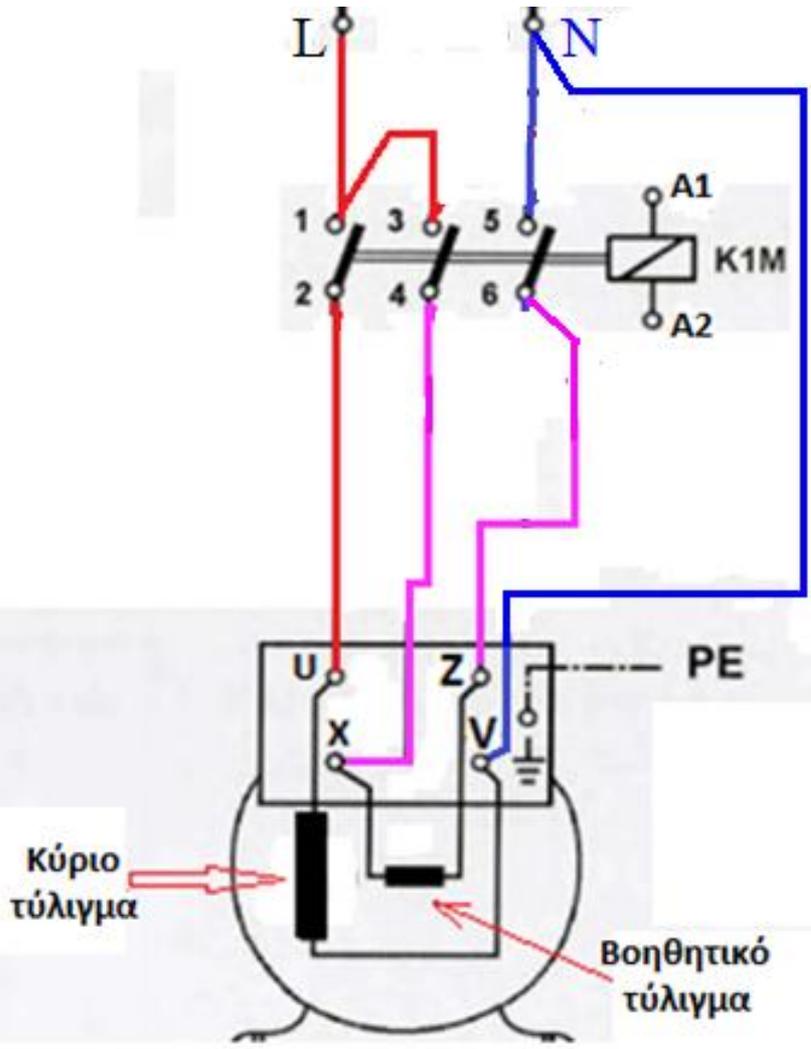


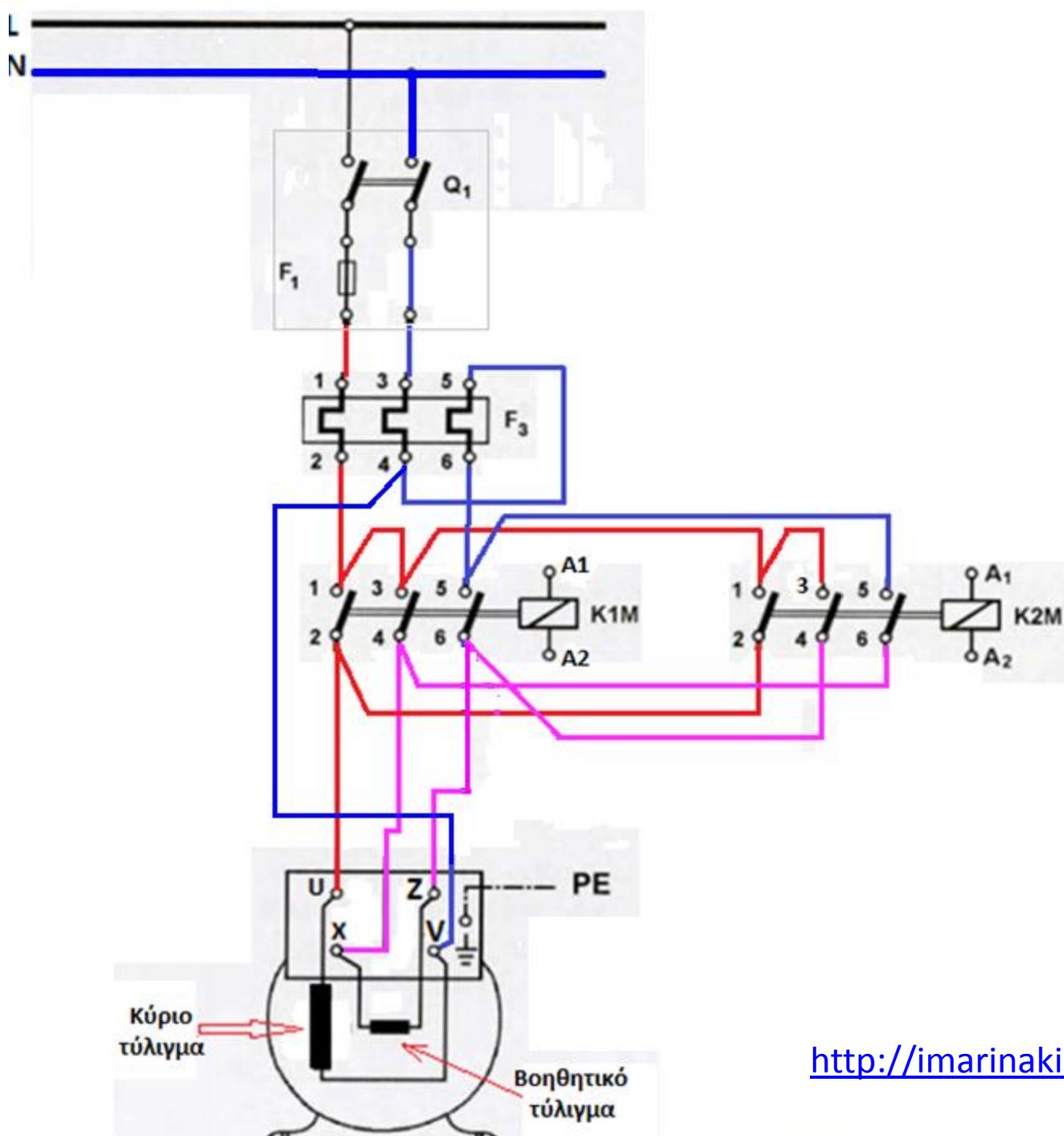


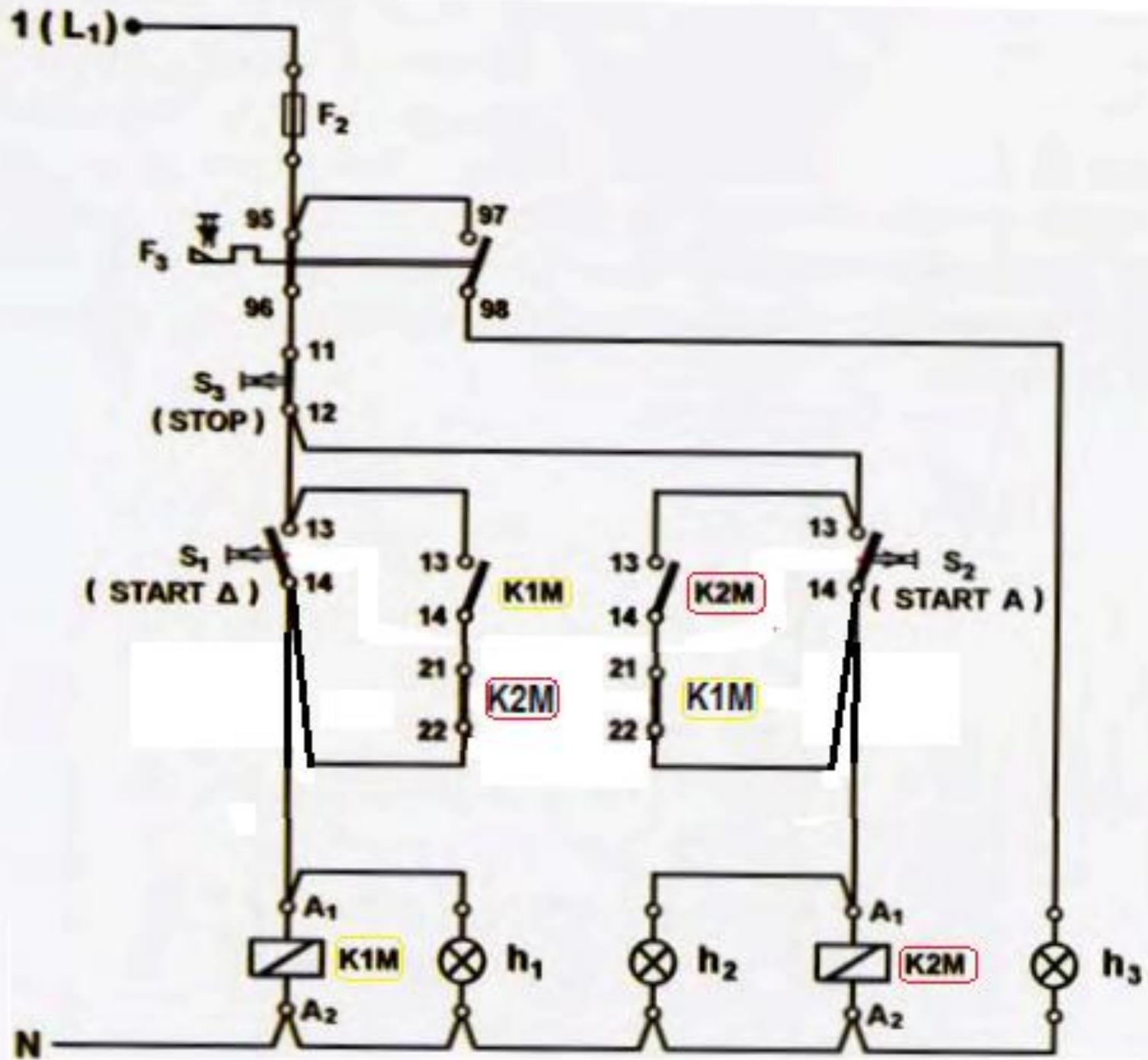
**Κύριο
Τύλιγμα**

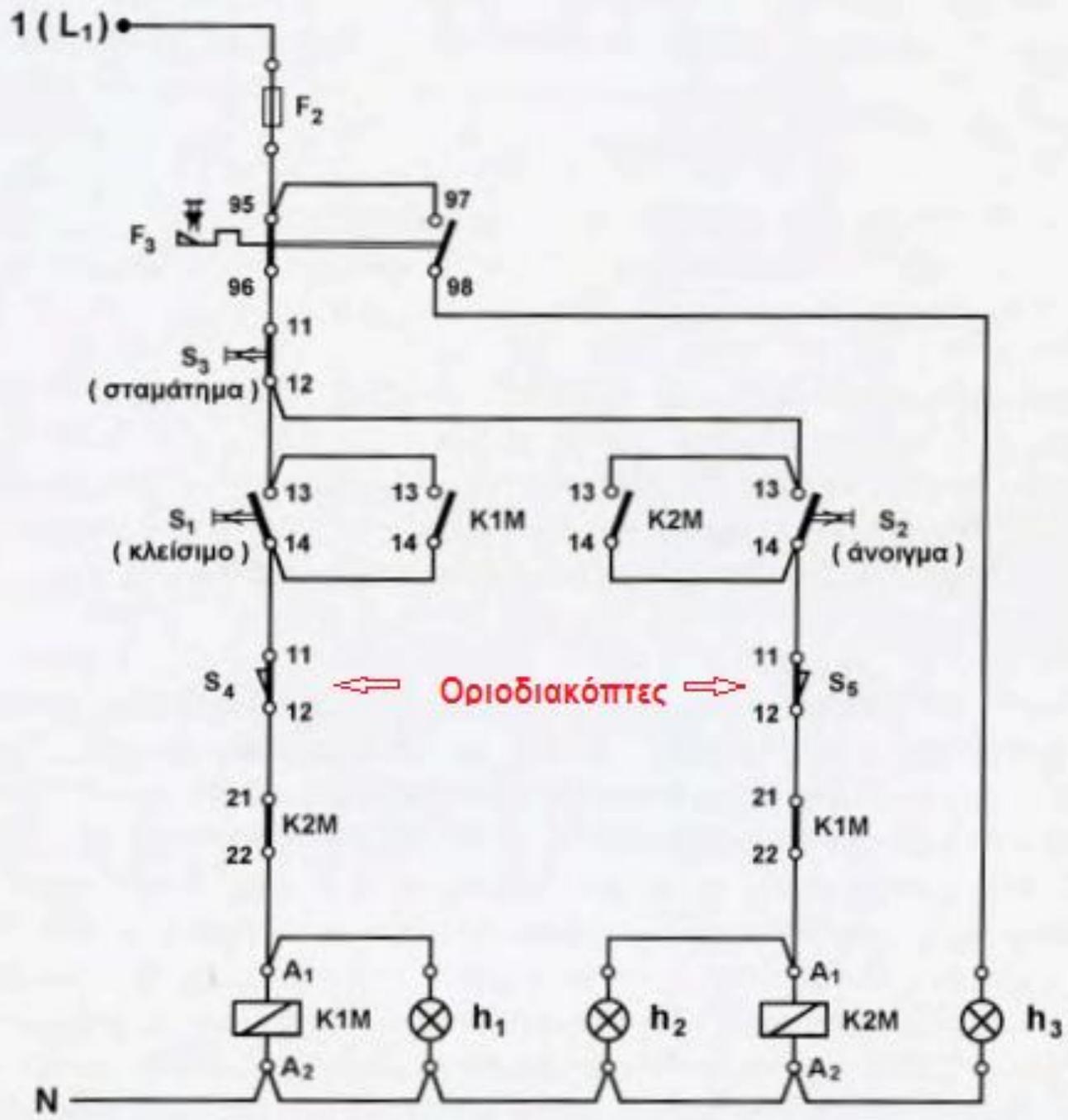
**Βοηθητικό
τύλιγμα**

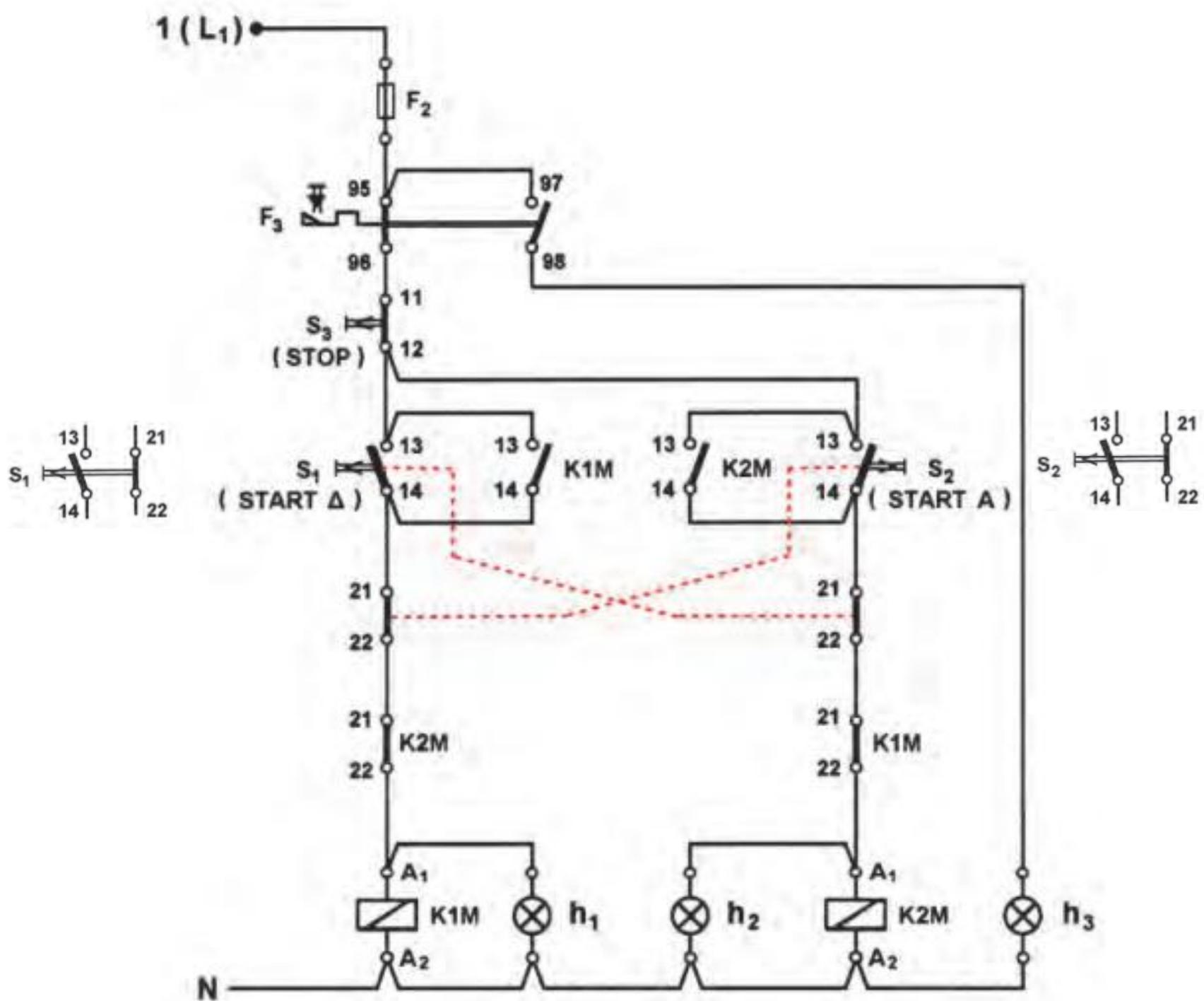
Αλλαγή φοράς περιστροφής 1φ κινητήρα β' τρόπος



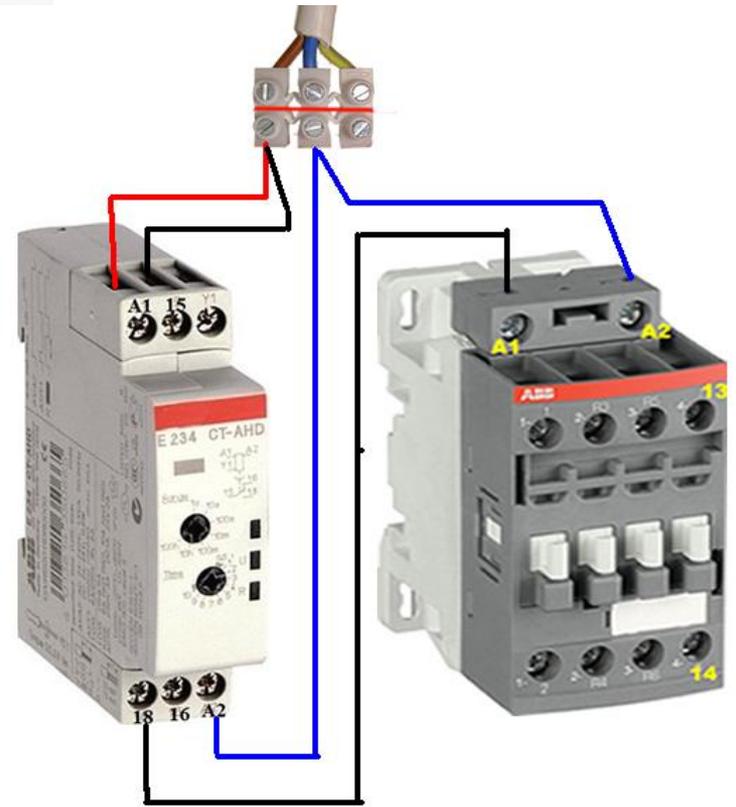
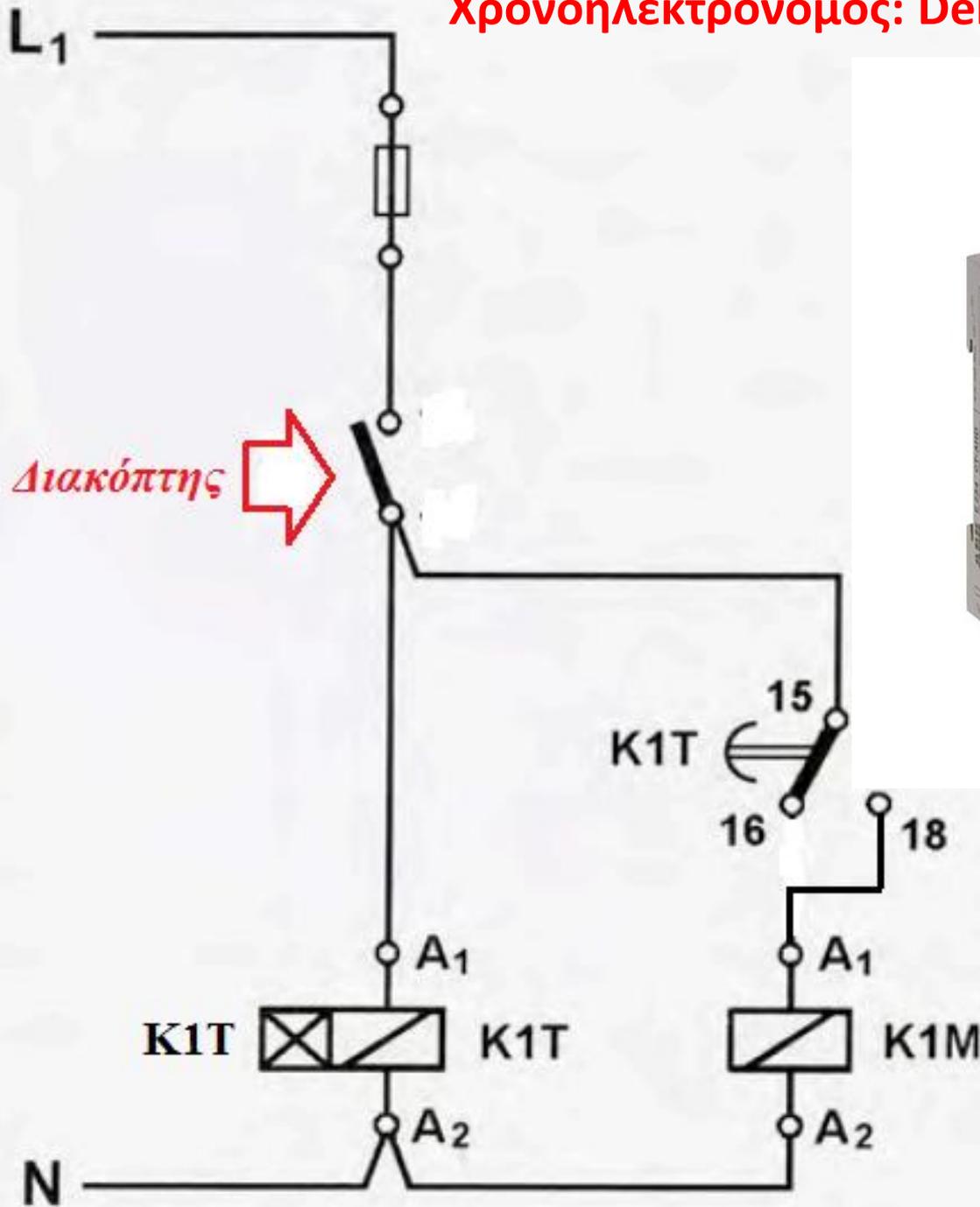


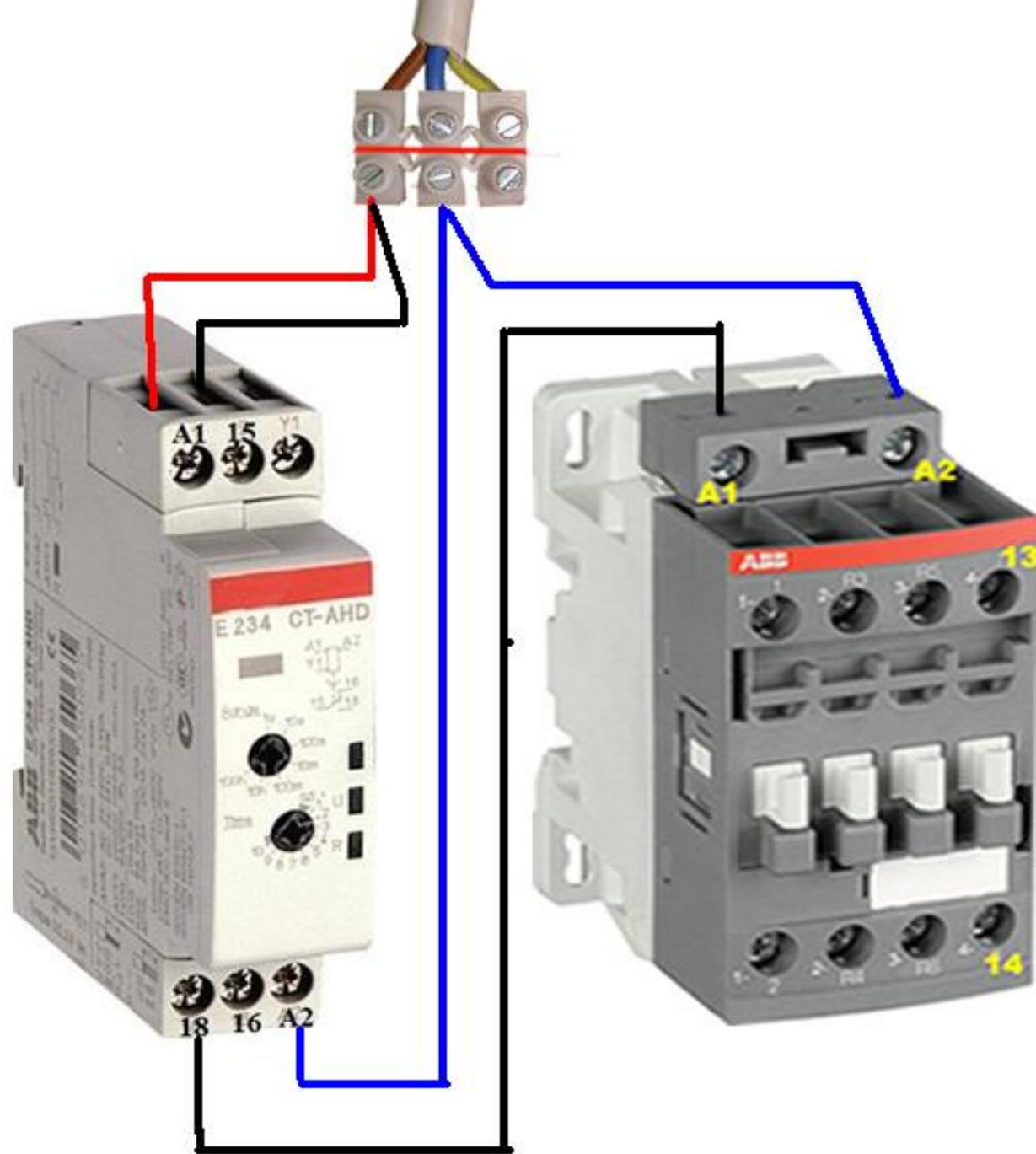


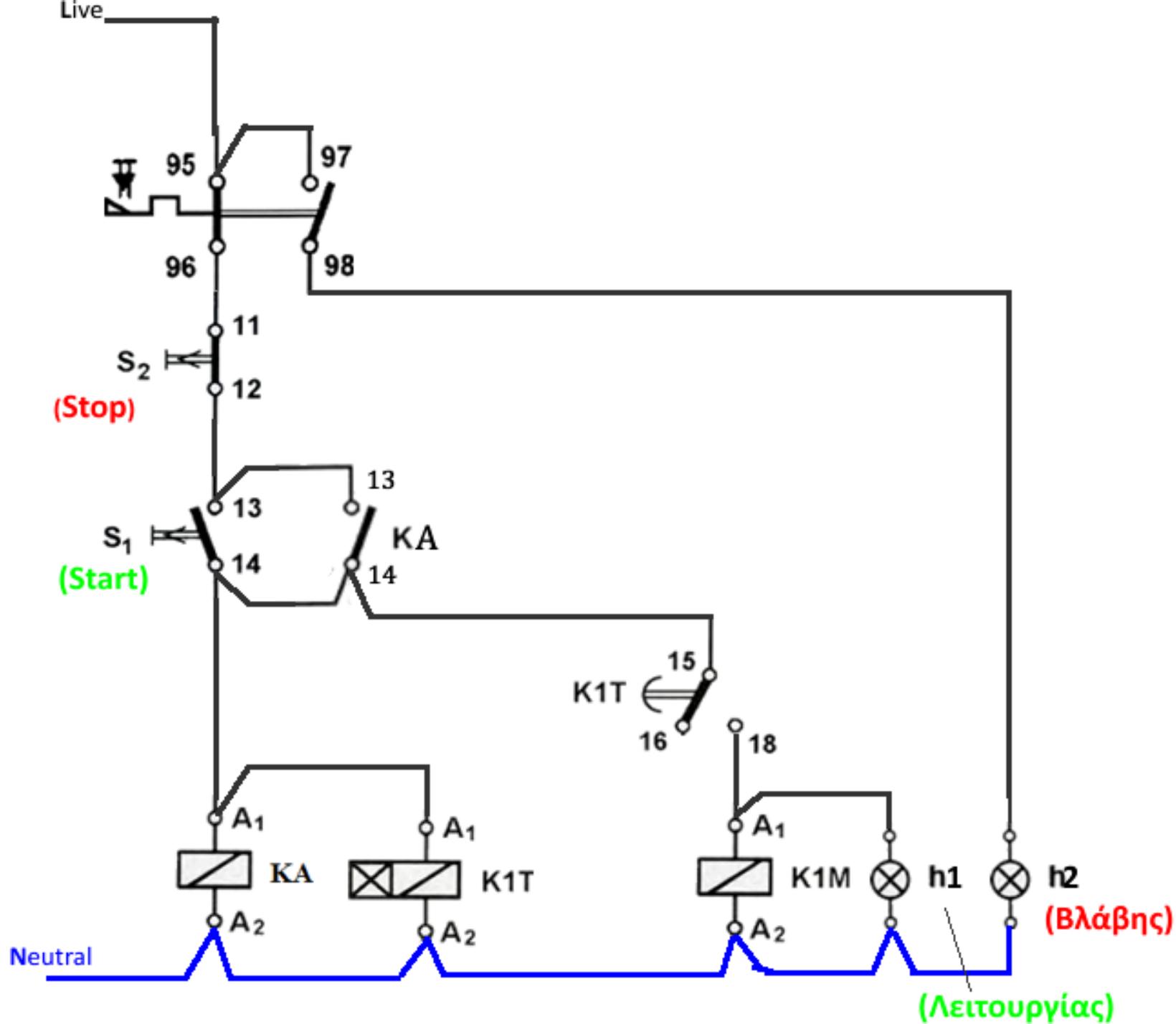


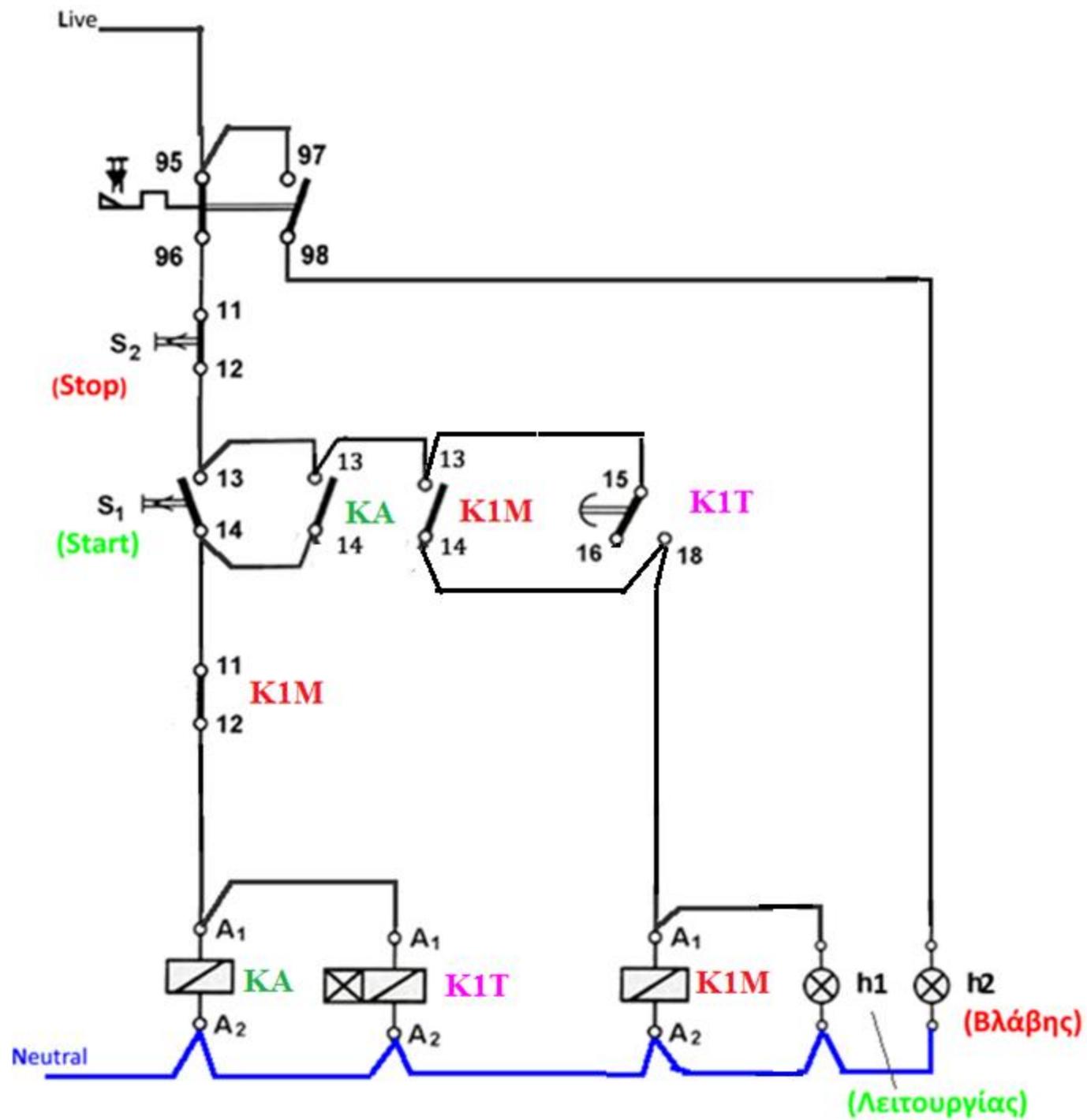


Χρονοηλεκτρονόμος: Delay On

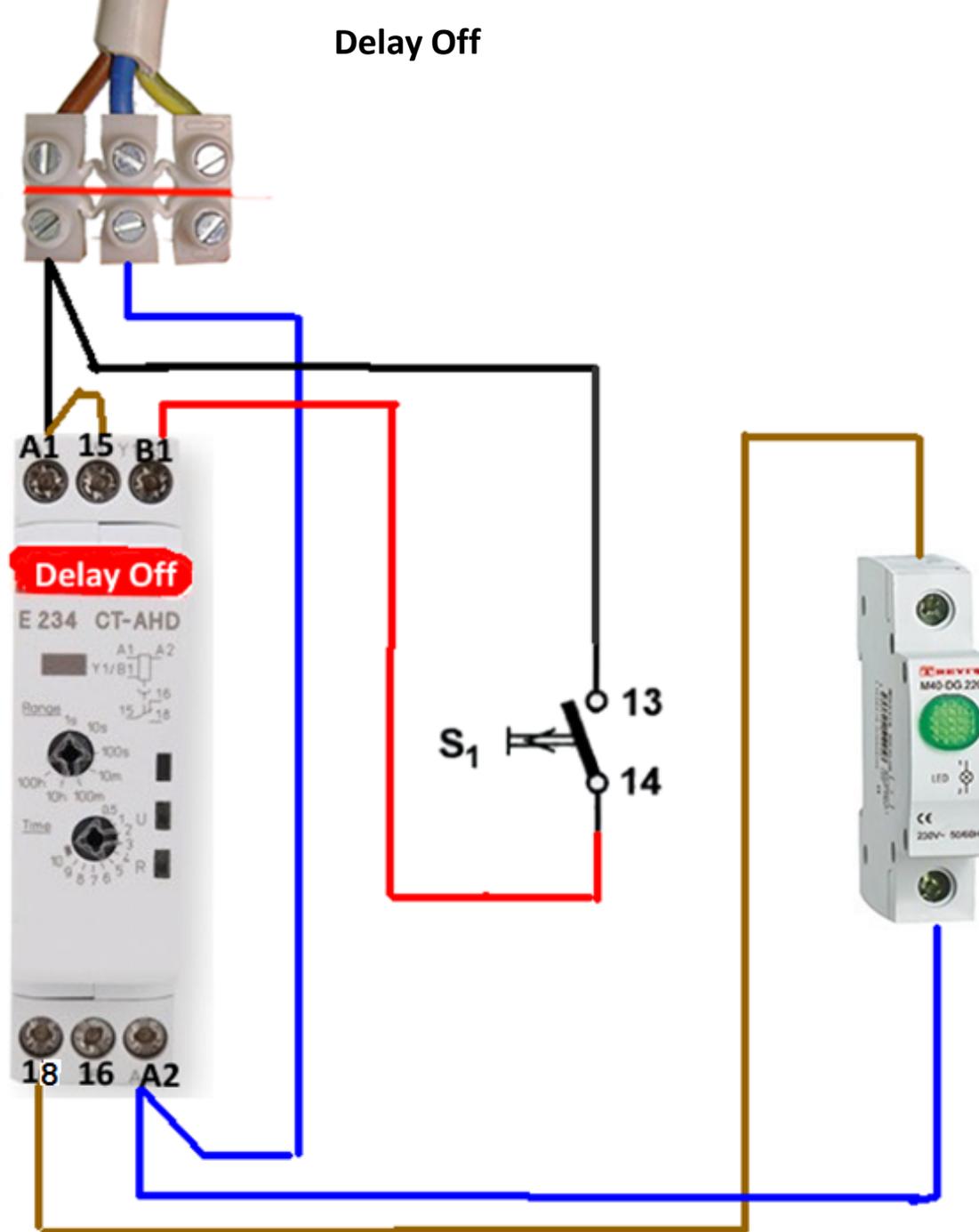


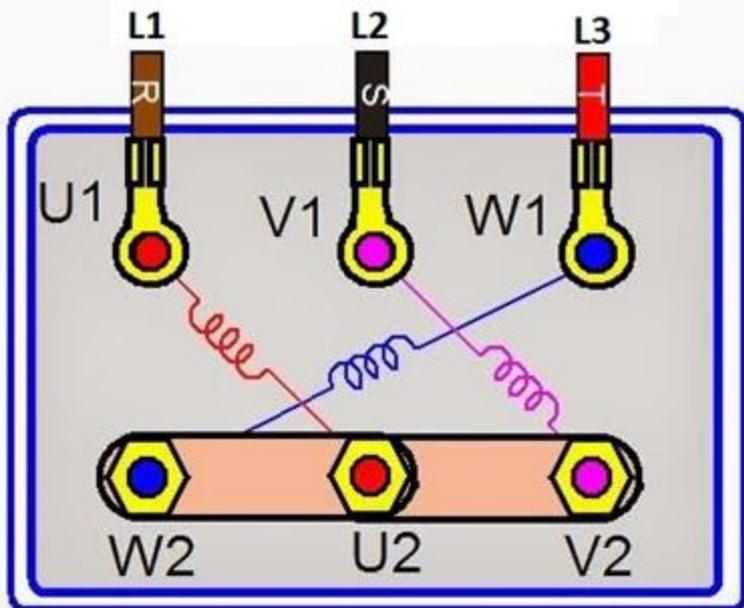




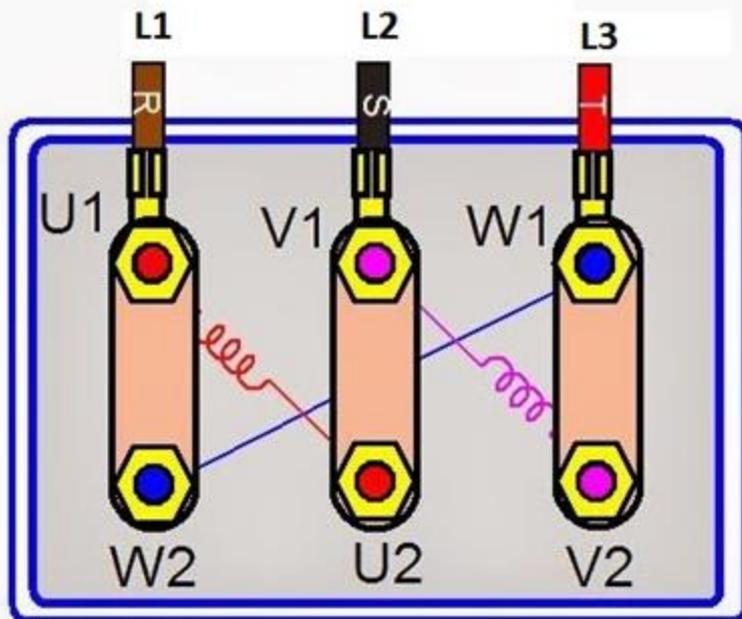
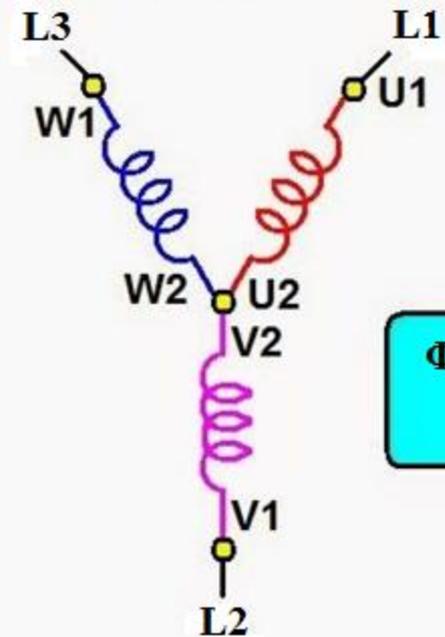


Delay Off

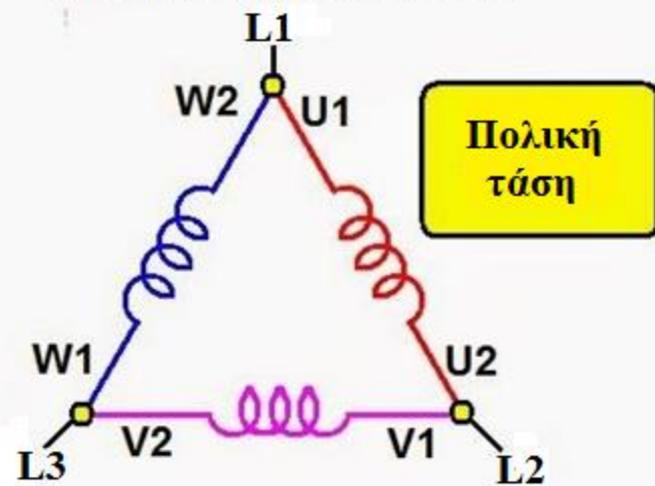


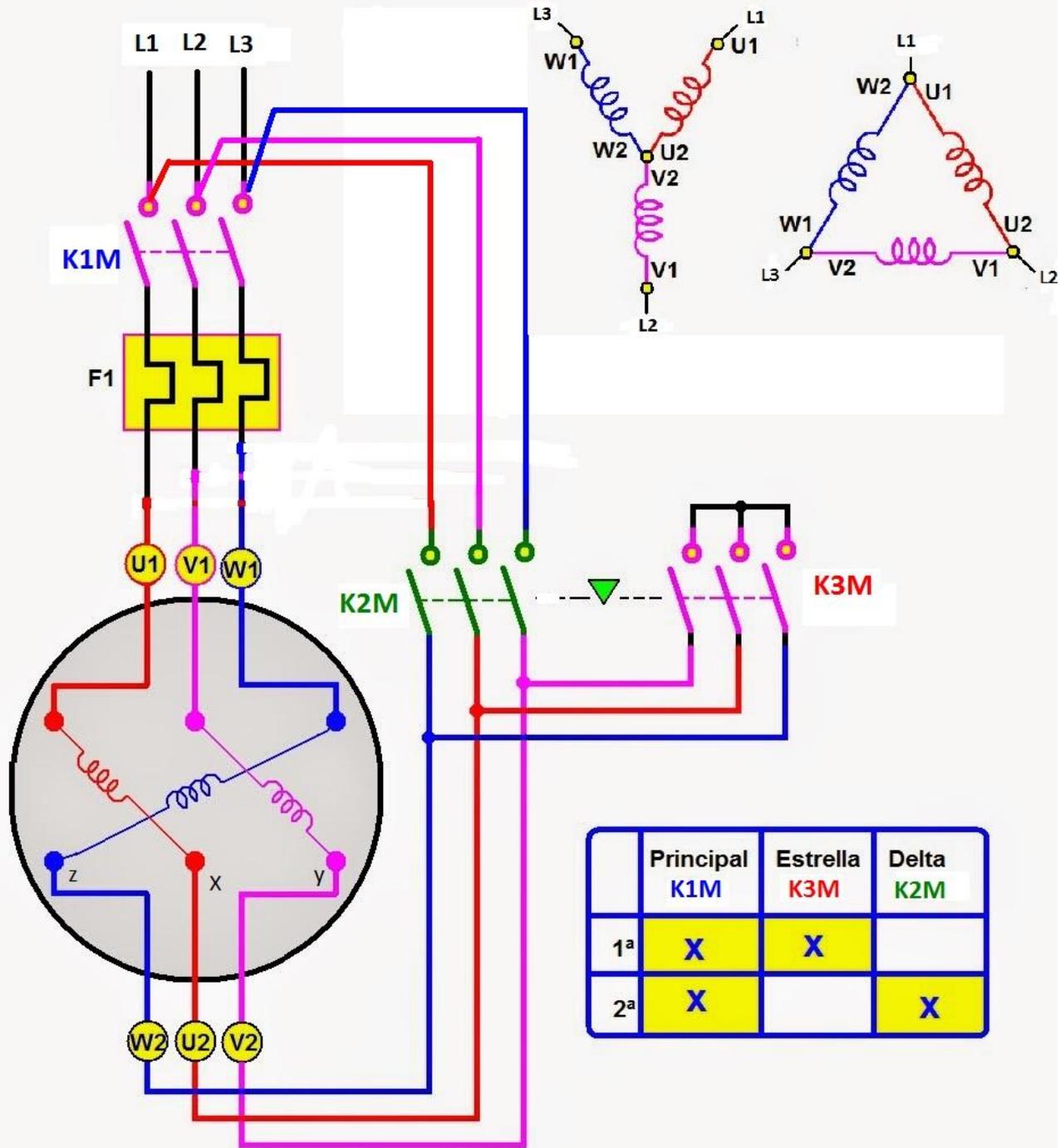


Συνδεσμολογία Αστέρα



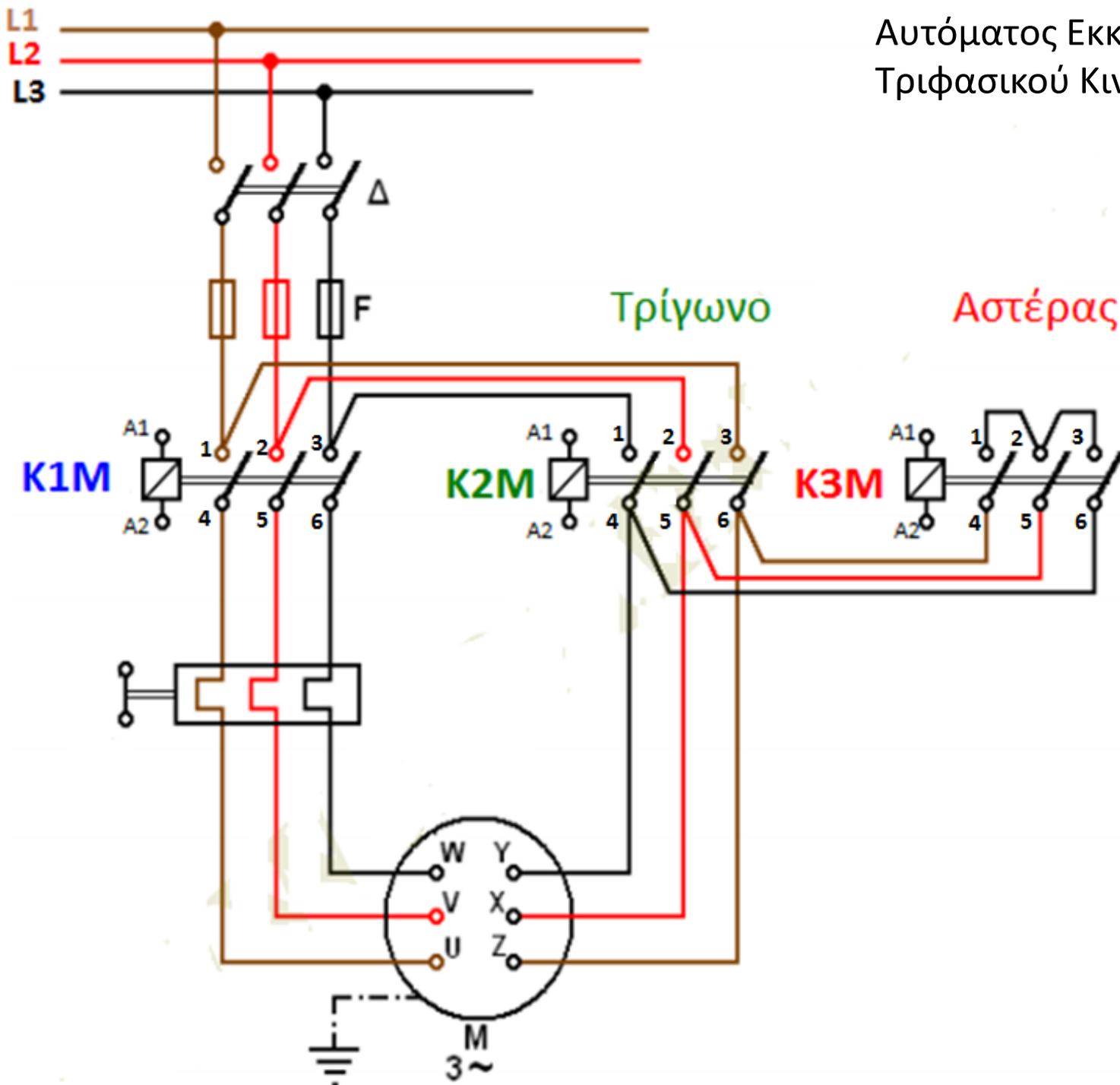
Συνδεσμολογία Τριγώνου



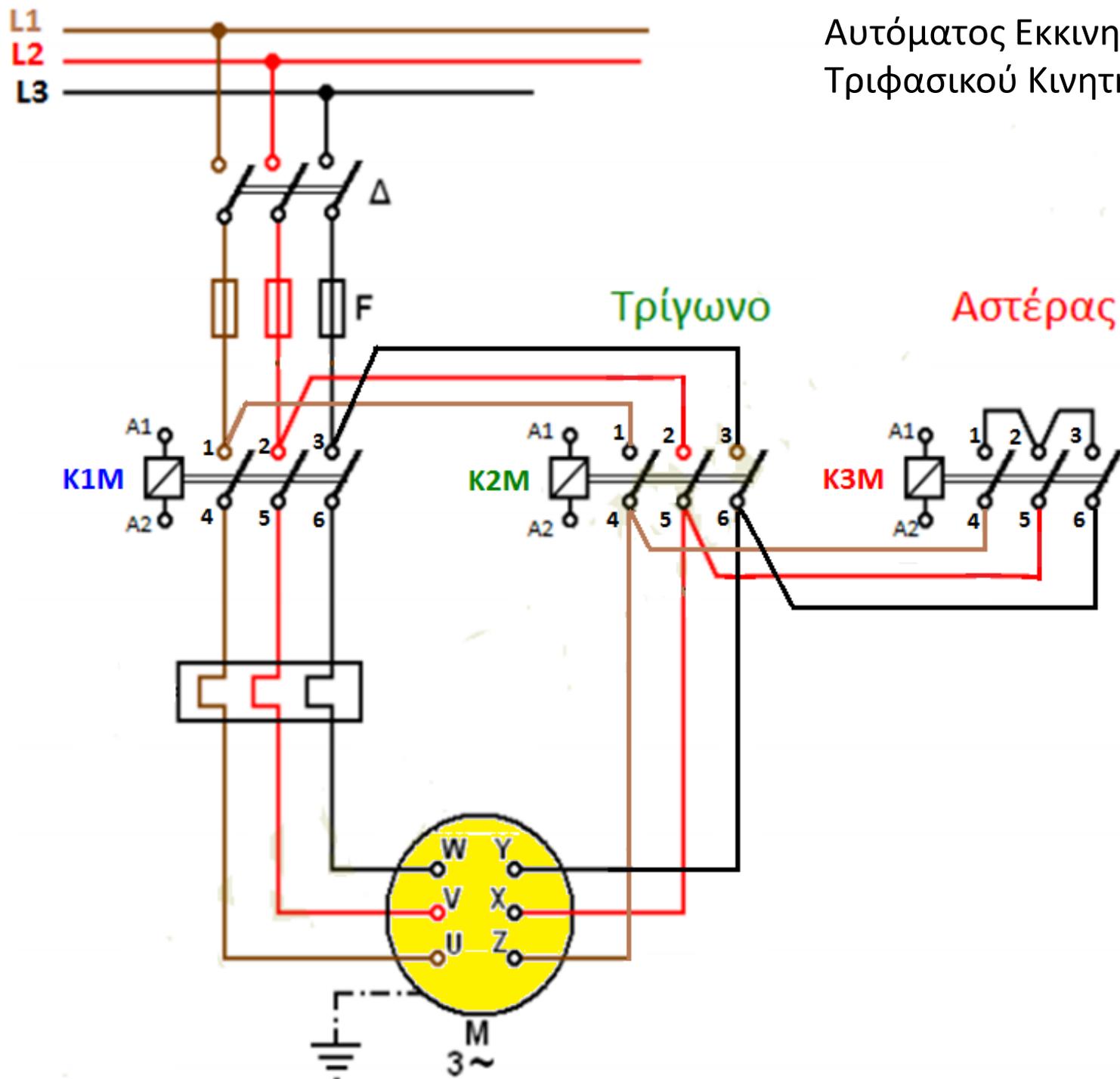


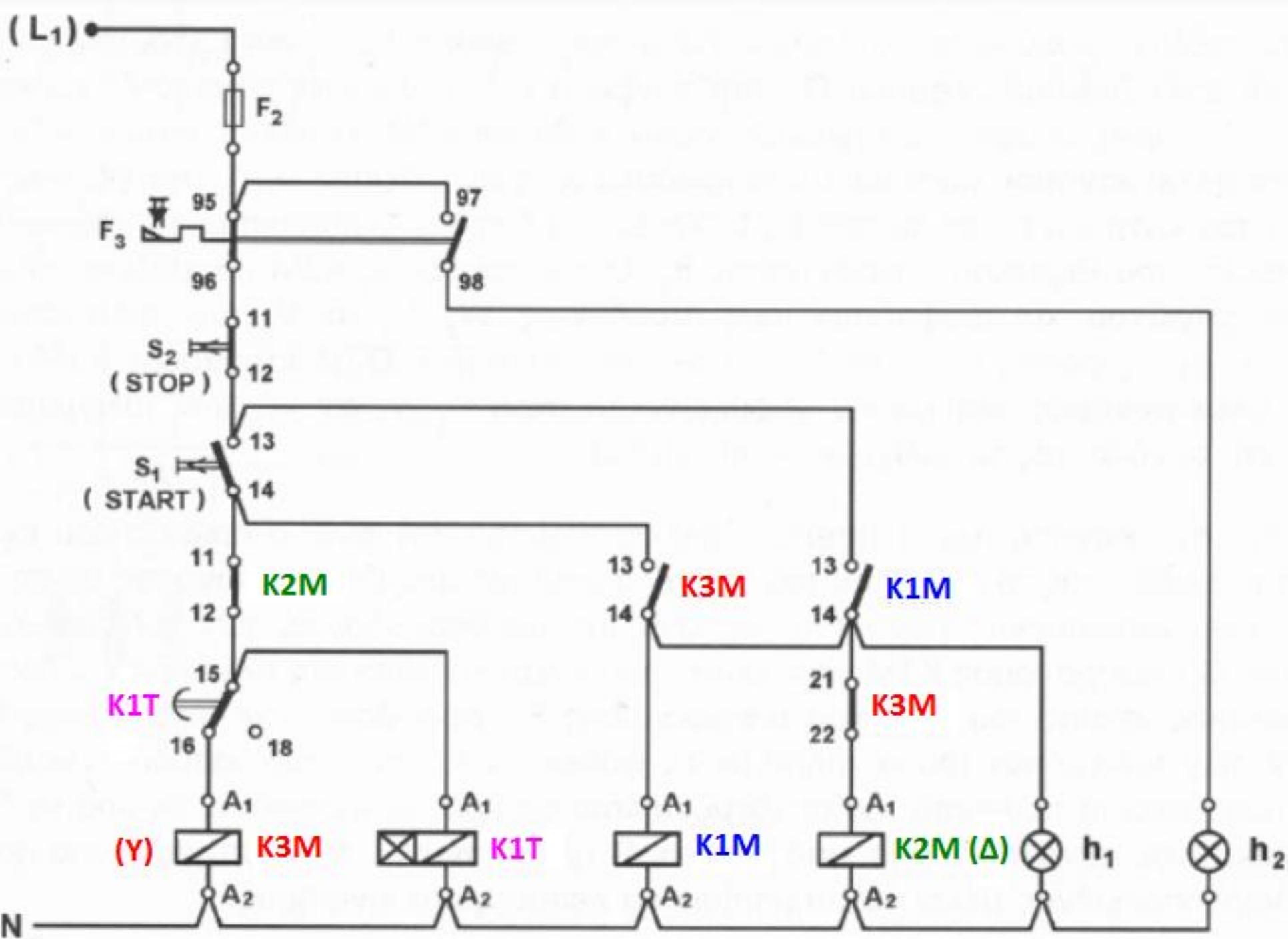
	Principal K1M	Estrella K3M	Delta K2M
1 ^a	X	X	
2 ^a	X		X

Αυτόματος Εκκινητής Υ/Δ Τριφασικού Κινητήρα

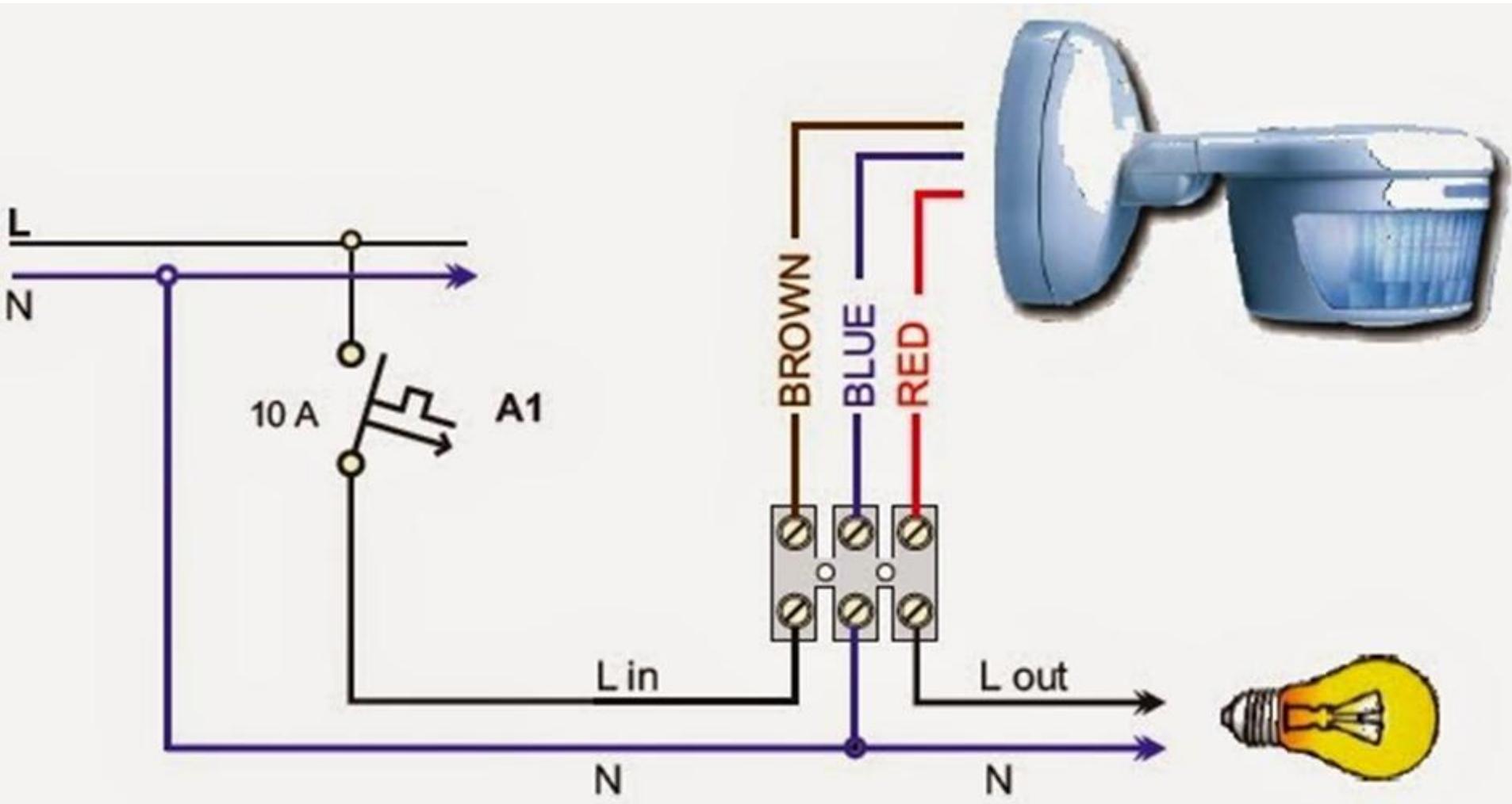


Αυτόματος Εκκινητής Υ/Δ Τριφασικού Κινητήρα

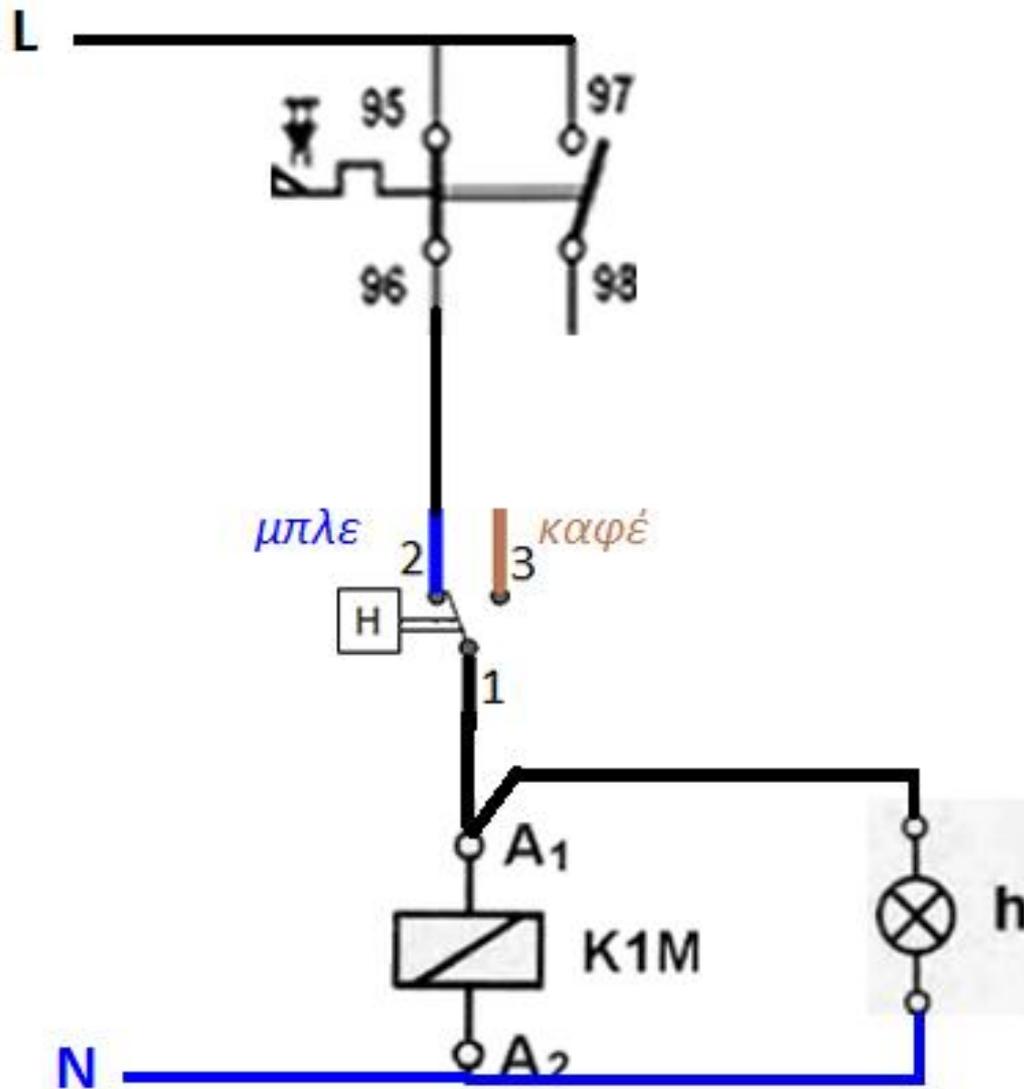




Ανιχνευτής κίνησης



Κύκλωμα ελέγχου διακόπτου
ελέγχου ροής



Έλεγχος στάθμης δεξαμενής με δυο διακόπτες πλωτήρα (φλοτέρ)

