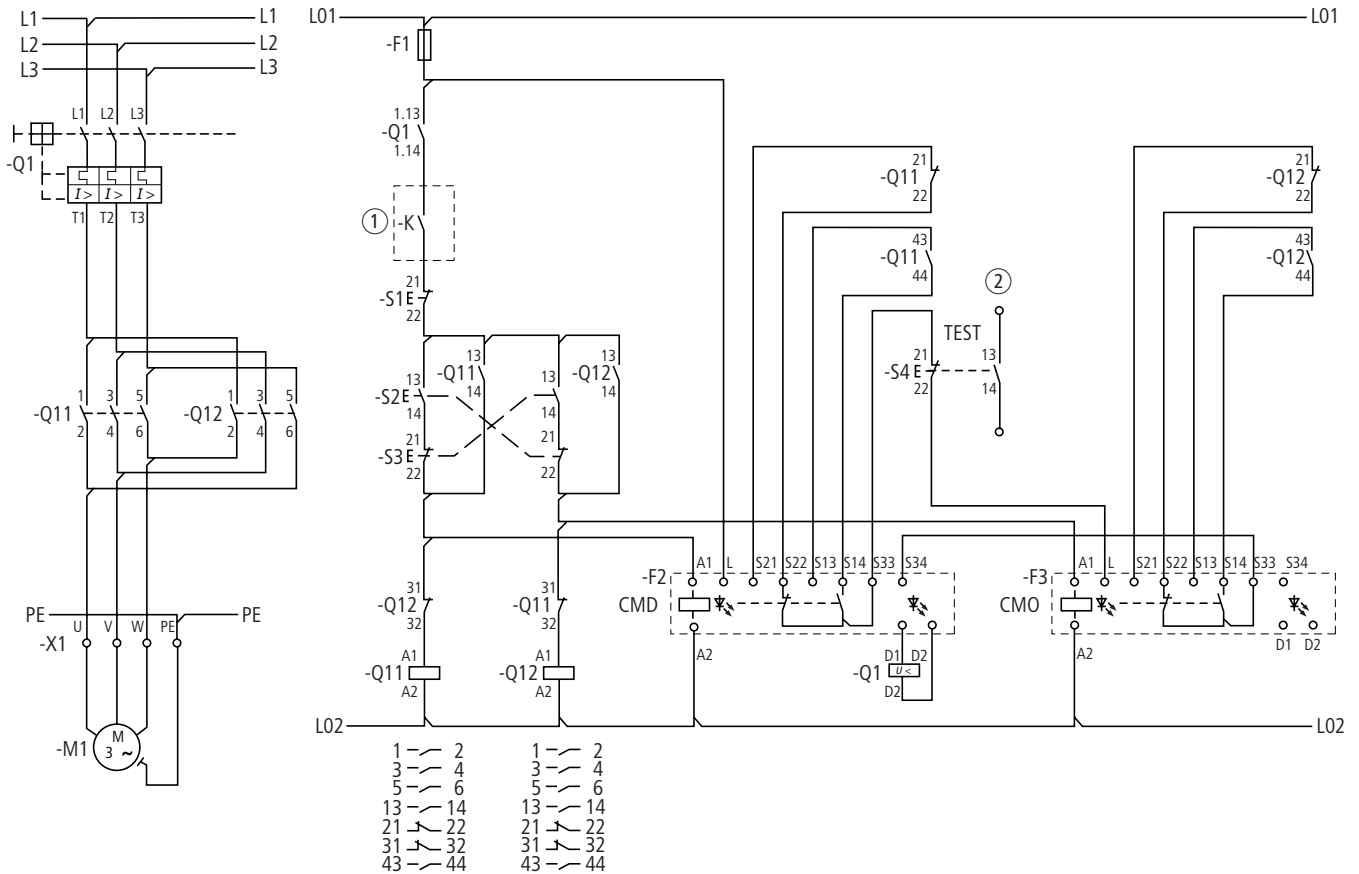


CMD

Reversing starters



- ① Switching by safety relay or safety PLC
- ② Signal contact to PLC evaluation

Mounting

- Contactors:
 - DILEM
 - DILM7 ... DILM150
 - DILM185(-S) ... DILM500(-S):
 - DILM580 ... DILM1600
 - DILH1400 ... DILH2000
 - SE-1A-PKZ2 and S-PKZ2

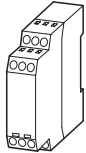
Auxiliary contact requirements per contactor:

| | CMD | Self-latching | Feedback circuit | Electrical interlock |
|--------------------|---------------|---------------|------------------|----------------------|
| DOL starters | 1 N/O + 1 N/C | 1 N/O | 1 B | |
| Reversing starters | 1 N/O + 1 N/C | 1 N/O | 1 B | 1 B |

For the wiring of the CMD the auxiliary N/C contact, mirror contact must be according to IEC/EN 60947-4-1 and the auxiliary N/O contact must be forced opening according to IEC/EN 60947-5-1. Also the auxiliary N/C contact for the feedback circuit must have a mirror contact function according to IEC/EN 60947-4-1.

- Motor-protective circuit-breakers/circuit-breakers:
 - PKZ2 + U-PKZ2(18VDC)
 - NZM1 + NZM1-XUVL
 - NZM2 + NZM2/3-XUVL
 - NZM3 + NZM2/3-XUVL
 - NZM4 + NZM4-XUVL
 - N1 + NZM1-XUVL
 - N2 + NZM2/3-XUVL
 - N3 + NZM2/3-XUVL
 - N4 + NZM4-XUVL

Ordering

| | Part no. Article no. | Price see price list | Std. pack |
|---|----------------------------------|----------------------|-----------|
| CMD contactor monitoring device | | | |
|  | CMD(24VDC) 106170 | | 1 off |
| | CMD(110-120VAC) 106171 | | 1 off |
| | CMD(220-240VAC) 106172 | | 1 off |

