

Type: **SDAINLM45(230V50HZ,240V60HZ)**
Article No.: **278386**

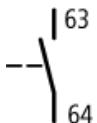


AC operation

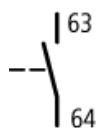
Ordering information

Rated operational current AC–3 400 V	I_e	A	45
Max. rating for three–phase motors, 50 – 60 Hz AC–3 230 V	P	kW	11
Max. rating for three–phase motors, 50 – 60 Hz AC–3 400 V	P	kW	22
Max. rating for three–phase motors, 50 – 60 Hz AC–3 500 V	P	kW	30
Max. rating for three–phase motors, 50 – 60 Hz AC–3 690 V	P	kW	22
Max. changeover time		s	< 20
Actuating voltage			230V 50Hz, 240V 60Hz
Individual components of the combination Mains contactor K1M		Part no.	DILM25–10 + DILA–XHI20
Individual components of the combination Delta contactor K5M		Part no.	DILM25–01 + DILA–XHI20
Individual components of the combination Star contactor K3M		Part no.	DILM17–01 + DILA–XHI20
Individual components of the combination Timing relay K1T		Part no.	ETR4–51
Phase identification			+

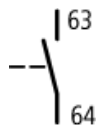
Spare auxiliary contacts Q11



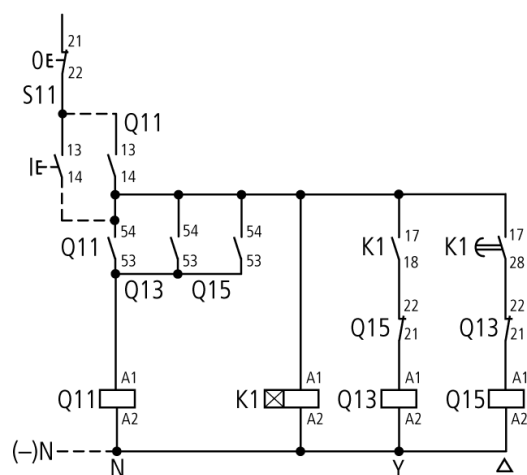
Spare auxiliary contacts Q13



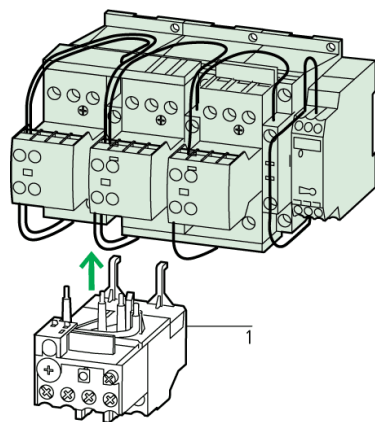
Spare auxiliary contacts Q15



Note concerning the product



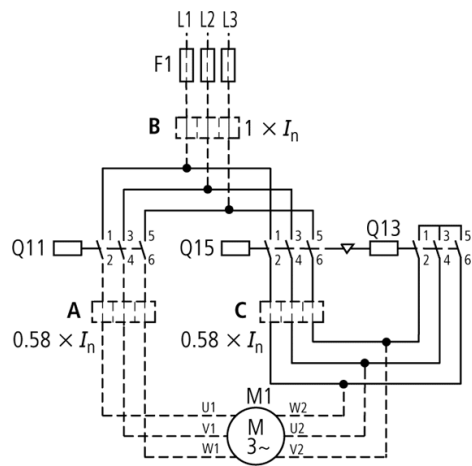
Notes concerning the product group



Accessories

- 1 Overload relay → 278431
- Accessories → 281199
- Further actuating voltages → 278277

Notes concerning the product group



Overload relay settings

A: $I_N \times 0.58$

Protection of the motor in Y- and Δ configuration

B: $I_N \times 1$

Only partial motor protection in star position

C: $I_N \times 0.58$

Motor not protected in star position

Timing relay set to approx. 10 s

Main circuit:

Depending on the coordination type required (i.e. Type "1" or Type "2") it must be established whether the fuse protection and the input wiring for the mains contactor and delta contactor are to be common or separate.

Starting

$\cong 15$ s

15 – 40 s

> 40 s

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