

Contactor 90kW/400V/AC-3

Part no.

DILM185-S/22(220-240V50/60HZ)

Article no.

274185

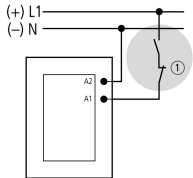


Delivery programme

| | | | |
|--|----------------|----|----------------------|
| Rated operational current | | | |
| AC-3 | | | |
| 380 V 400 V | I_e | A | 185 |
| Max. rating for three-phase motors, 50 – 60 Hz | | | |
| AC-3 | | | |
| 220 V 230 V | P | kW | 55 |
| 380 V 400 V | P | kW | 90 |
| 660 V 690 V | P | kW | 175 |
| 1000 V | P | kW | 108 |
| AC-4 | | | |
| 220 V 230 V | P | kW | 41 |
| 380 V 400 V | P | kW | 75 |
| 660 V 690 V | P | kW | 127 |
| 1000 V | P | kW | 108 |
| Conventional free air thermal current $I_{th} = I_e$ AC-1 at 40 °C | | | |
| Open | $I_{th} = I_e$ | A | 337 |
| Contact sequence | | | |
| Can be combined with auxiliary contact | | | DILM820-XHI... |
| Actuating voltage | | | 220 - 240 V 50/60 Hz |

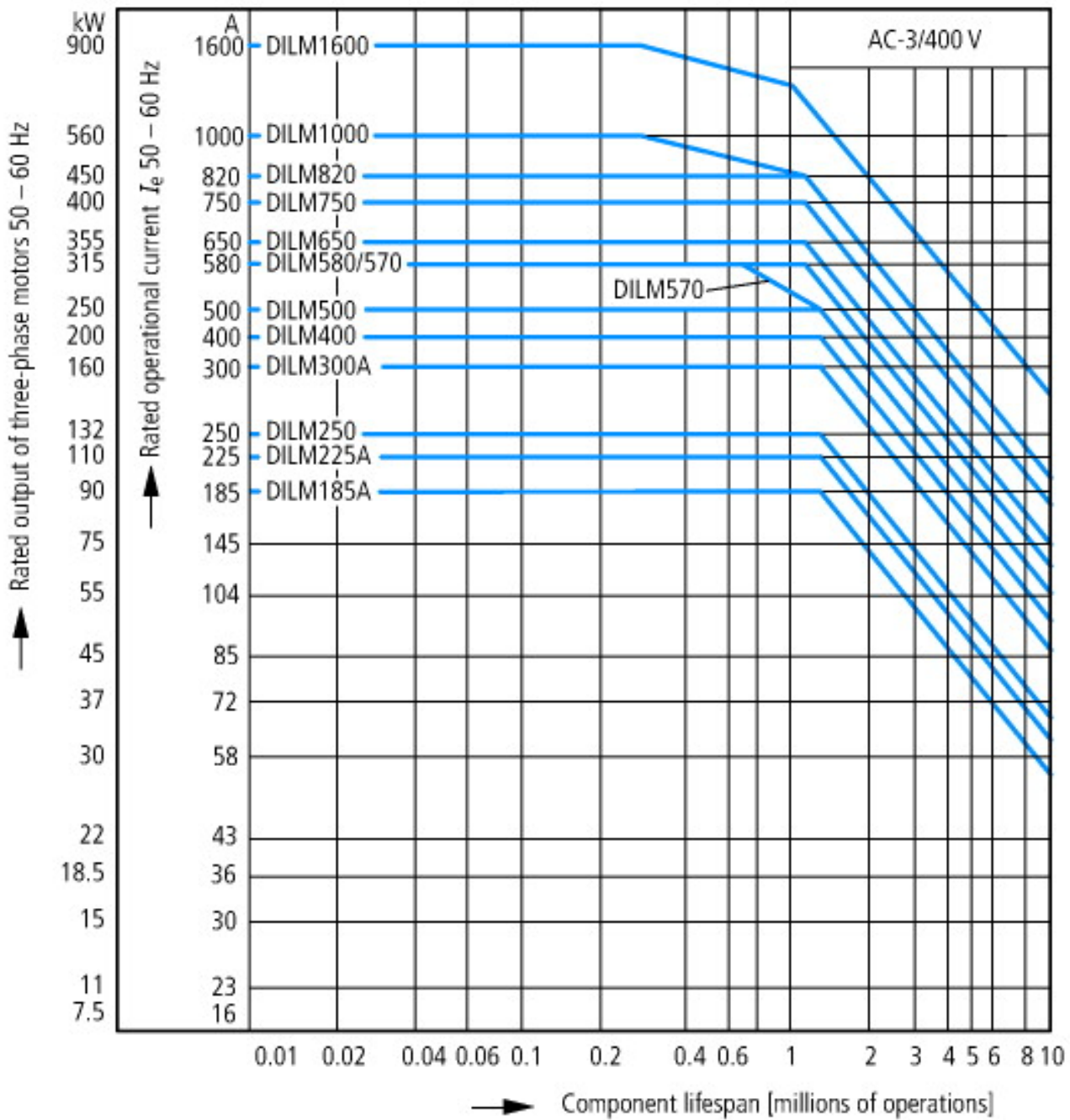
Notes
 660/690 V or 1000 V: not directly reversing
 All contactors have an integrated suppressor

Notes
 DILM...-S contactors are triggered in the conventional manner

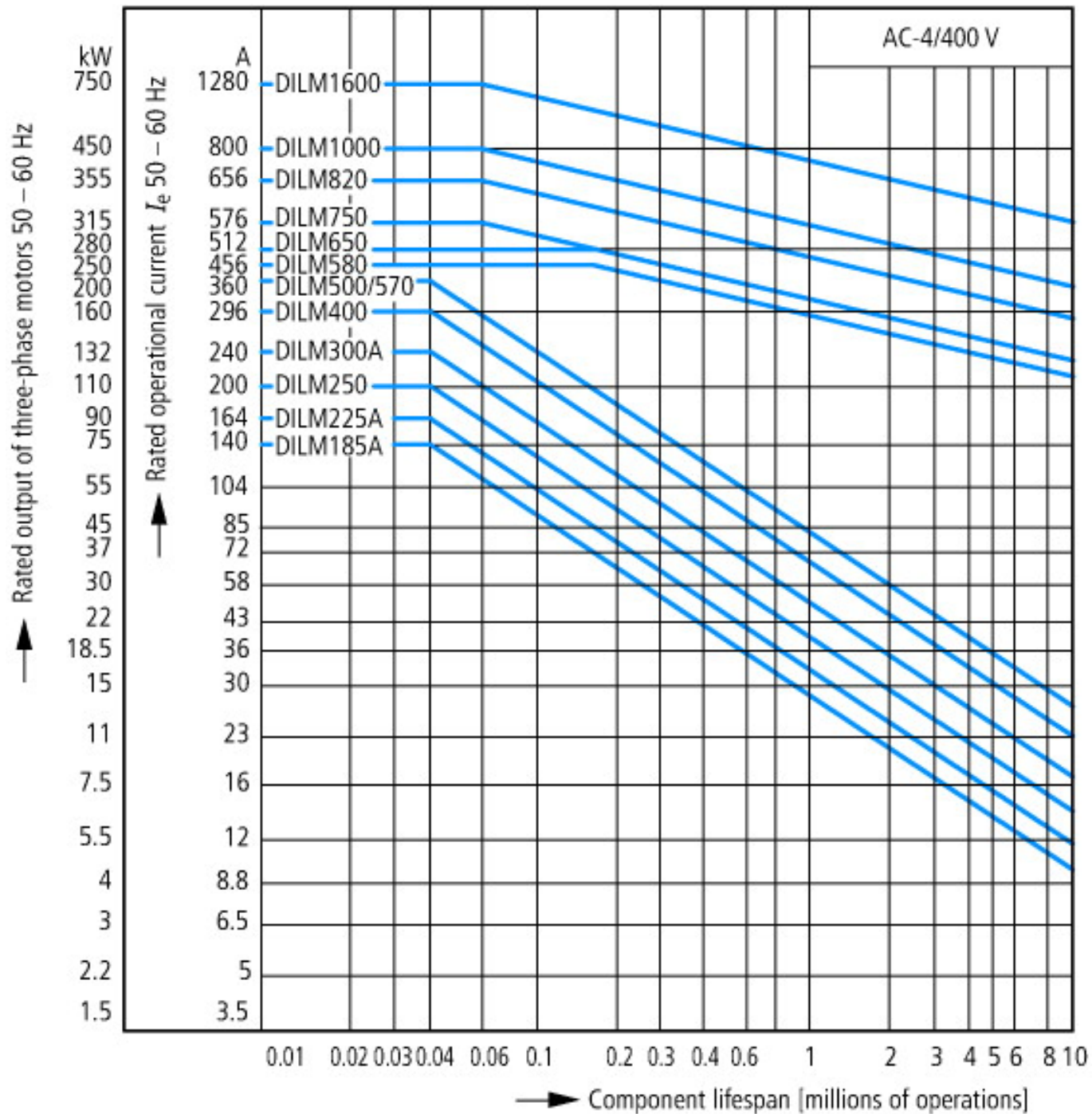


I Standstill in an emergency (Emergency-Stop)

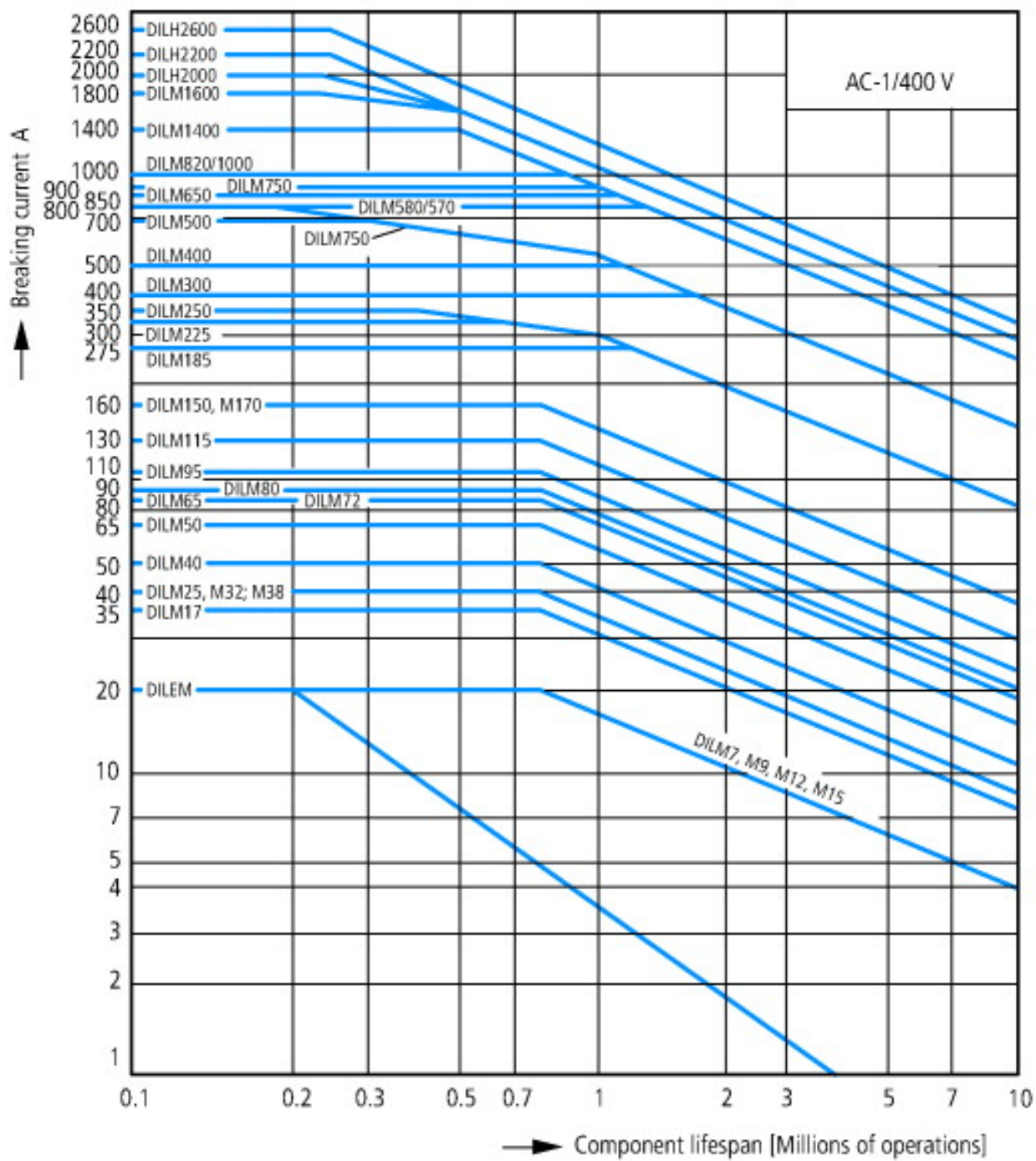
→ operating frequency



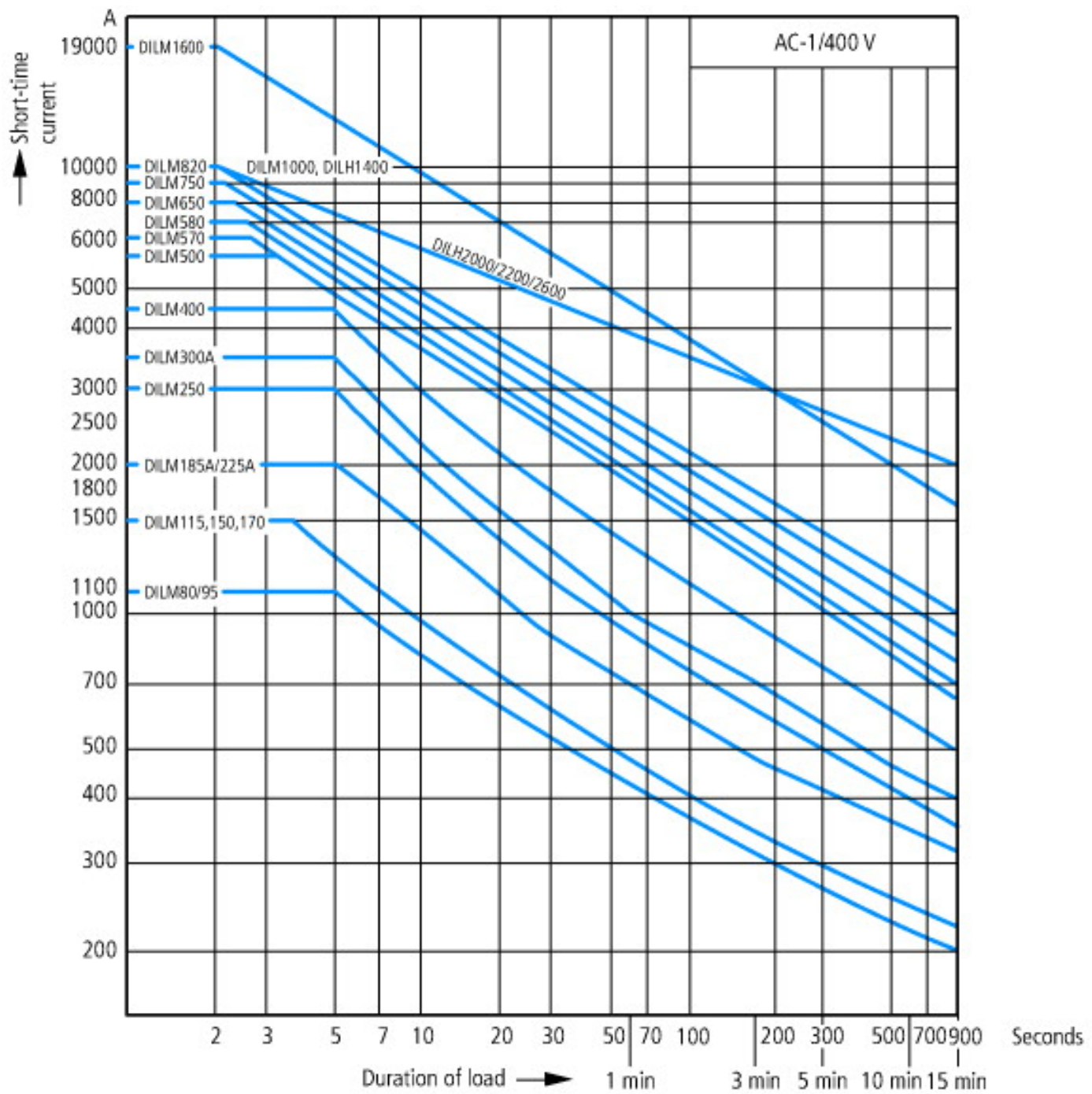
- Squirrel-cage motor
- Operating characteristics
- Starting: from rest
- Stopping: after attaining full running speed
- Electrical characteristics
- Make: up to $6 \times$ rated motor current
- Break: up to $1 \times$ rated motor current
- Utilization category
- 100 % AC-3
- Typical applications
- Compressors
- Lifts
- Mixers
- Pumps
- Escalators
- Agitators
- Fans
- Conveyor belts
- Centrifuges
- Hinged flaps
- Bucket-elevators
- Air conditioning system
- General drives in manufacturing and processing machines



Extreme switching duty
 Squirrel-cage motor
 Operating characteristics
 Inching, plugging, reversing
 Electrical characteristics
 Make: up to 6 × rated motor current
 Break: up to 6 × rated motor current
 Utilization category
 100 % AC-4
 Typical applications
 Printing presses
 Wire-drawing machines
 Centrifuges
 Special drives for manufacturing and processing machines



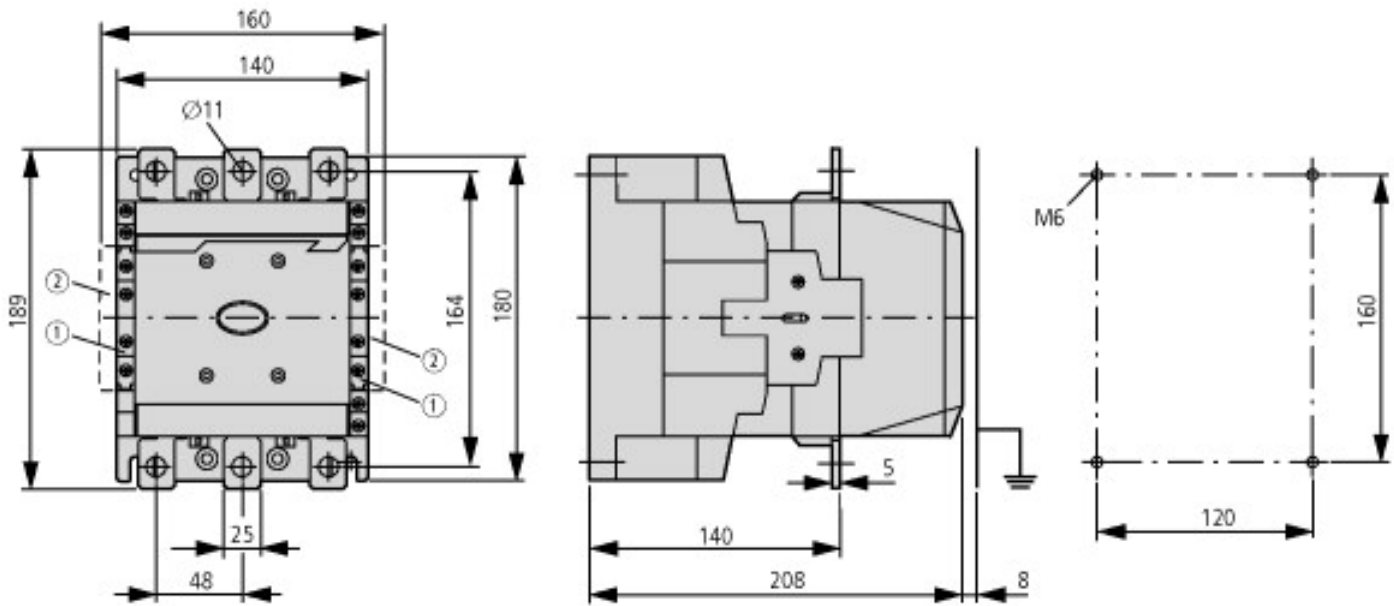
Switching duty for non-motor loads, 3-pole, 4-pole
 Operating characteristics
 Non-inductive or slightly inductive loads
 Electrical characteristics
 Make: 1 × rated current
 Break: 1 × rated current
 Utilization category
 100 % AC-1
 Typical applications
 Electric heat



Short-time loading, 3-pole
 Time interval between two loading cycles: 15 minutes

Normale Schaltbedingungen

Dimensions



① DILM820-XHI...-SI

② DILM820-XHI11-SA

DILM185...DILM500
 DILMC185-S...DILMC500-S
 DILM185-S...DILM500-S

Additional product information (links)

Installation instructions

AWA2100-2212 Contactors

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/22120209.pdf

AWA2100-1639 Contactors

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/16390209.pdf