



دخيل الجسار
Dakheel Aljassar

EATON

Powering Business Worldwide

EATON'S

Control & Automation Solutions



Variable
Frequency
Drives



Contactors
And Starters



Combination
Motor
Controllers



Electronic Overload
Relays ZEB Series



Command and
Control Devices

HMI's and
Software Solutions



Switch
Disconnectors



Programmable
Control Relays,
PLCs



Soft Starters



Cam Switches &
Selector Switches



For Critical Power Solutions



Residential, Commercial and Industrial Applications

Dakheel Aljassar - DOL STARTER (11kw) with Eaton Components



Dakheel Aljassar - STAR DELTA STARTER (18.5kw) with Eaton Components



Contactors & Contactor Relays

Continual operation requires high operational reliability in the components used. The DILM contactor achieves the best lifespan values in AC-3 applications and is ideal for heavy AC-4 jogging.

Contactor Relay DILE & DILEM contactors up to 12 A AC-3 at 400 V

- > Compact dimensions for the highest packing densities
- > Extended performance range up to 5.5 kW at 400 V



Product Code	Description
CON-184-012	277376 -AUX-CONTACT, 1M+1B, 10A DILM32-XH11
CON-184-013	277377 -AUX-CONTACT, 2M+2B, 10A DILM32-XH12
CON-184-019	277950 -AUX-CONTACT, DILM150-XH12
CON-184-052	276679- CONTACTOR, 9 A, AC-3, 4KW, 240V/50HZ, DILM9-10
CON-184-055	277121- CONTACTOR, 25A ,3P, 240V,50HZ, AC-3 DILM25-10
CON-184-058	276539 - CONTACTOR, 7A ,3P, 240V,50HZ, AC-3 DILM7-10
CON-184-060	276819- CONTACTOR, 12 A, AC-3, 5.5KW, 12A , 240V 50HZ, DILM12-10
CON-184-061	276993 - CONTACTOR, 18A ,3P, 240V,50HZ, AC-3 DILM17-10
CON-184-068	277819 - CONTACTOR, 50A ,3P, 240V,50HZ, AC-3 DILM50
CON-184-069	277883 - CONTACTOR, 65A ,3P, 240V,50HZ, AC-3 DILM65
CON-184-076	277249 - CONTACTOR, 32A ,3P, 240V,50HZ, DILM32-10
CON-184-077	112420 - CONTACTOR, 38A ,3P, 240V,50HZ , DILM38-10(240V50HZ)
CON-184-079	231788 - Mini contactor relay,2NO/2NC,AC operated, DILER-22

Motor Protective Circuit Breakers

Machinery and installation downtimes should be kept as short as possible. The PKZ fuseless motor protective circuit breakers combine short-circuit and overload protection in one device, allowing fast restart readiness. PKZM01 & PKZM0 have the same accessories. Combines easily with DILM contactors and DS7 soft starters. Connecting PKE to SmartWire-Darwin facilitates high data transparency.

PKZM01 - (up to 16) motor-protective circuit-breaker with pushbuttons.

- > Motor-protective circuit-breaker in housing for protection types IP40 and IP65.
- > Integrated EMERGENCY STOP and EMERGENCY OFF pushbuttons reduce wiring.

PKZM0 - (up to 32 A) motor-protective circuit-breakers with rotary handle.

- > Short-circuit proof up to at least 50 kA for easy engineering.
- > Trip-indicating auxiliary contact enables remote diagnosis.
- > High safety through application as main switch or repair and maintenance switch.
- > ATEX approval for protection of EEx e motors up to 65 A



Product Code	Description
MPB-184-031	278490, MPCB, 5.5KW, 12A, 3 P, PKM0-12
MPB-184-035	072728- MPCB, 2.2KW, 6.3A, 3P, PKM0-6.3
MPB-184-036	072729- MPCB, 4KW, 10A, 3P, PKM0-10
MPB-184-037	72721 - MPCB, 0.06KW, 0.25A, 3P, PKM0-0,25
MPB-184-038	72722 - MPCB, 0.09 KW, 0.4A, 3P, PKM0-0,4
MPB-184-039	72723 - MPCB, 0.12KW, 0.63A, 3P, PKM0-0,63
MPB-184-040	72724 - MPCB, 0.25KW, 1A, 3P, PKM0-1
MPB-184-041	72725 - MPCB, 0.37KW, 1.6A, 3P, PKM0-1,6
MPB-184-042	72726 - MPCB, 0.75KW, 2.5A, 3P, PKM0-2,5
MPB-184-043	72727 - MPCB, 1.5KW, 4A, 3P, PKM0-4
MPB-184-044	044502- MPCB, 7.5KW, 16A, 3P, PKM0-16

Overload relay

Motor protection is a central task of electrical equipment for machinery. From cost-effective bimetal solutions to demanding full motor protection with cross-linkage, we offer the right solution for each application.

Bimetal relay - overload relay up to 630 A

- > Direct mounting on contactor saves mounting time
- > ATEX approval for the protection of EEx e motors up to 250 A
- > Comprehensive motor protection through phase failure sensitivity
- > Integrated test pushbutton facilitates high safety



Product Code	Description
OLR-184-033	278433 -THERMAL O/LRELAY w/IM+IB, ZB12-0,4, ADJ. 0.24...0.4A
OLR-184-036	278436 -THERMAL O/L RELAY W/IM+IB, ADJ 1...1.6A, ZB12-1.6
OLR-184-037	278452 ZB32-16, THERMAL OVERLOAD RELAY W/ IM+IB, ADJ.10 TO 16A.
OLR-184-039	278439 -THERMAL O/L RELAY W/IM+IB,ADJ.4...6A, ZB12-6
OLR-184-040	278440 -THERMAL O/L RELAY W/IM+IB, ADJ 6...10A, ZB12-10
OLR-184-041	278441 -THERMAL O/L RELAY W/IM+IB, ADJ 9...12A, ZB12-12
OLR-184-042	278437 THERMAL O/L RELAY, W/IM + IB, ADJ. 1.6 TO 2.4, ZB12-2.4.
OLR-184-043	278458 - THERMAL O/L RELAY W/ IM + IB, ADJ.24...40A ZB65-40
OLR-184-053	278453 -THERMAL O/L RELAY W/IM+IB, ADJ 16...24A, ZB32-24
OLR-184-054	278454 -THERMAL O/L RELAY W/IM+IB, ADJ 24...32A, ZB32-32
OLR-184-057	278459 -THERMAL O/L RELAY W/IM+IB, ADJ 40...57A, ZB65-57
OLR-184-059	278460 - THERMAL O/L RELAY W/ IM + IB, ADJ.50...65 A ZB65-65
OLR-184-082	278432 -THERMAL O/LRELAY , ZB12-0,24(0.16-0.24A)

DILET & ETR Timing Relays

The range of electronic time relays comprises three different construction types, adapted for the most widely varying applications. The time relays are mounted on a DIN top-hat rail.

Electronic timing relay DILET

- > 45 mm contactor width
- > Numerous time relay functions
- > Ideal when combined with contactor



ATEX



Product Code

Description

REL-184-054	221784- PHASE SEQUENCE RELAY, EMR4-F500-2
TIM-184-028	48878 - TIMING RELAY , DILET11-30-A
TIM-184-029	48893 - TIMING RELAY , DILET70-A

Indication Lamp



Product Code

Description

LMP-184-032	116038 - Ind.light compact,green,LED 220V AC/DC, A22-LCLED220-G
LMP-184-034	116039 - Ind.light compact,red,LED 220V AC/DC, A22-LCLED220-R
LMP-184-036	116040 - Ind.light compact,white LED 220V AC/D, A22-LCLED220-W
LMP-184-038	116037 - Ind.light compact,blue,LED 220V AC/DC, A22-LCLED220-B

Push Button



Product Code

Description

PUB-184-050	121492- C22S-D-G-K10/ PUSH BUTTON ACTUATOR FLUSH, I S GREEN
PUB-184-052	121501 - Push-button,flush,black, C22S-D-S-K01
PUB-184-055	121606 - Selector switch actuators 3 position, maintained 2NO, C22S-WK3-K20

PUB-184-050 & 052

PUB-184-055