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010224

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## 010224

Eaton Moeller® series DILE Auxiliary contact module, 2 pole, 1 N/O, 1 NC, Front fixing, Screw terminals, DILE(E)M, DILER

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Eaton Moeller® series DILEM Contactor, 24 VDC, 3 pole, 380 V 400 V, 5.5 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, DC operation DILEM12-01-G(24VDC)

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Eaton Moeller® series DILEEM Contactor, 110 V 50/60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

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010294

Eaton Moeller® series DILEM Contactor, 48 V 50 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

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Eaton Moeller® series DILEM Contactor, 24 V 50 Hz, 3 pole, 380 V 400 V, 5.5 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

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051631

Eaton Moeller® series DILEEM Contactor, 400 V 50 Hz, 440 V 60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

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Eaton Moeller® series DILEM Contactor, 415 V 50 Hz, 480 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

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Eaton Moeller® series DILEM Contactor, 42 V 50 Hz, 48 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

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Eaton Moeller® series DILEM Contactor, 24 V 50/60 Hz, 3 pole, 380 V 400 V, 5.5 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

- [051797](#)

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Eaton Moeller® series DILEM Contactor, 400 V 50 Hz, 440 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

- [051629](#)

051629

Eaton Moeller® series DILEEM Contactor, 24 V 50 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

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Eaton Moeller® series DILEEM Contactor, 230 V 50 Hz, 240 V 60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation DILEEM-01(230V50HZ,240V60HZ)

- [010245](#)

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Eaton Moeller® series DILEM Contactor, 48 VDC, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation

- [010325](#)

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Eaton Moeller® series DILEM Contactor, 220 VDC, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation

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010213

Eaton Moeller® series DILEM Contactor, 24 VDC, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation DILEM-10-G(24VDC)

- [013166](#)

013166

Eaton Moeller® series DILEM Contactor, 110 VDC, 4 pole, 380 V 400 V, 4 kW, Screw terminals, DC operation

- [079680](#)

079680

Eaton Moeller® series DILEM Contactor, 12 VDC, 4 pole, 380 V 400 V, 4 kW, Screw terminals, DC operation

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Eaton Moeller® series DILEEM Contactor, 110 VDC, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation

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Eaton Moeller® series DILEEM Contactor, 125 VDC, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation

- [010309](#)

010309

Eaton Moeller® series DILEM Contactor, 110 VDC, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation

- [127132](#)

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Eaton Moeller® series DILEM Contactor, 24 VDC, 3 pole, 380 V 400 V, 5.5 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation DILEM12-10-G(24VDC)

- [051591](#)

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Eaton Moeller® series DILEEM Contactor, 220 V 50/60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [032241](#)

032241

Eaton Moeller® series DILEM Contactor, 380 V 50/60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [052506](#)

052506

Eaton Moeller® series DILEM Contactor, 230 V 50/60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

- [158151](#)

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Eaton Moeller® series DILEEM Contactor, 240 V 50 Hz, 277 V 60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051805](#)

051805

Eaton Moeller® series DILEM Contactor, 380 V 50 Hz, 440 V 60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

- [010006](#)

010006

Eaton Moeller® series DILEM Contactor, 24 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051602](#)

051602

Eaton Moeller® series DILEEM Contactor, 240 V 50 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [010032](#)

010032

Eaton Moeller® series DILEM Contactor, 240 V 50 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051592](#)

051592

Eaton Moeller® series DILEEM Contactor, 110 V 50/60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [127075](#)

127075

Eaton Moeller® series DILEM Contactor, 230 V 50 Hz, 240 V 60 Hz, 3 pole, 380 V 400 V, 5.5 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation DILEM12-10(230V50HZ,240V60HZ)

- [010197](#)

010197

Eaton Moeller® series DILEM Contactor, 600 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051800](#)

051800

Eaton Moeller® series DILEM Contactor, 42 V 50 Hz, 48 V 60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

- [051787](#)

051787

Eaton Moeller® series DILEM Contactor, 380 V 50 Hz, 440 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051608](#)

051608

Eaton Moeller® series DILEEM Contactor, 230 V 50 Hz, 240 V 60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation DILEEM-10(230V50HZ,240V60HZ)

- [051783](#)

051783

Eaton Moeller® series DILEM Contactor, 110 V 50 Hz, 120 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051595](#)

051595

Eaton Moeller® series DILEEM Contactor, 42 V 50/60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [000642](#)

000642

Eaton Moeller® series DILEM Contactor, 100 V 50Hz, 100-110 V 60Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [056674](#)

056674

Eaton Moeller® series DILEEM Contactor, 230 V 50/60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [014754](#)

014754

Eaton Moeller® series DILEM Contactor, 24 V 50 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

- [051788](#)

051788

Eaton Moeller® series DILEM Contactor, 400 V 50 Hz, 440 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [010024](#)

010024

Eaton Moeller® series DILEM Contactor, 115V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051610](#)



051610

Eaton Moeller® series DILEEM Contactor, 190 V 50 Hz, 220 V 60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [021520](#)

021520

Eaton Moeller® series DILEM Contactor, 220 V 50/60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [052302](#)

052302

Eaton Moeller® series DILEM Contactor, 230 V 50/60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051806](#)

051806

Eaton Moeller® series DILEM Contactor, 400 V 50 Hz, 440 V 60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

- [051785](#)

051785

Eaton Moeller® series DILEM Contactor, 220 V 50 Hz, 240 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051801](#)

051801

Eaton Moeller® series DILEM Contactor, 110 V 50 Hz, 120 V 60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

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- [010136](#)

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Eaton Moeller® series DILEM Contactor, 110 V DC, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, DC operation

- [079642](#)

079642

Eaton Moeller® series DILEM Contactor, 12 V DC, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, DC operation

- [010168](#)

010168

Eaton Moeller® series DILEM Contactor, 220 V DC, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, DC operation

- [127137](#)

127137

Eaton Moeller® series DILEM Contactor, 24 VDC, 3 pole, 380 V 400 V, 5.5 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, DC operation DILEM12-01-G(24VDC)

- [051618](#)

051618

Eaton Moeller® series DILEEM Contactor, 110 V 50/60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

- [010294](#)

010294

Eaton Moeller® series DILEM Contactor, 48 V 50 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

- [127083](#)

127083

Eaton Moeller® series DILEM Contactor, 24 V 50 Hz, 3 pole, 380 V 400 V, 5.5 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

- [051631](#)

051631

Eaton Moeller® series DILEEM Contactor, 400 V 50 Hz, 440 V 60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

- [051798](#)

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Eaton Moeller® series DILEM Contactor, 415 V 50 Hz, 480 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

- [051791](#)

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Eaton Moeller® series DILEM Contactor, 42 V 50 Hz, 48 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

- [127095](#)

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Eaton Moeller® series DILEM Contactor, 24 V 50/60 Hz, 3 pole, 380 V 400 V, 5.5 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

- [051797](#)

051797

Eaton Moeller® series DILEM Contactor, 400 V 50 Hz, 440 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation

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Eaton Moeller® series DILEEM Contactor, 24 V 50 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/C = Normally closed= 1 NC, Screw terminals, AC operation
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Eaton Moeller® series DILEM Contactor, 110 VDC, 4 pole, 380 V 400 V, 4 kW, Screw terminals, DC operation
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Eaton Moeller® series DILEM Contactor, 12 VDC, 4 pole, 380 V 400 V, 4 kW, Screw terminals, DC operation
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Eaton Moeller® series DILEEM Contactor, 110 VDC, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation
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292892  
Eaton Moeller® series DILEEM Contactor, 125 VDC, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation
- [010309](#)

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Eaton Moeller® series DILEM Contactor, 110 VDC, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation

- [127132](#)

127132

Eaton Moeller® series DILEM Contactor, 24 VDC, 3 pole, 380 V 400 V, 5.5 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, DC operation DILEM12-10-G(24VDC)

- [051591](#)

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Eaton Moeller® series DILEEM Contactor, 220 V 50/60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [032241](#)

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Eaton Moeller® series DILEM Contactor, 380 V 50/60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [052506](#)

052506

Eaton Moeller® series DILEM Contactor, 230 V 50/60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

- [158151](#)

158151

Eaton Moeller® series DILEEM Contactor, 240 V 50 Hz, 277 V 60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051805](#)

051805

Eaton Moeller® series DILEM Contactor, 380 V 50 Hz, 440 V 60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

- [010006](#)

010006

Eaton Moeller® series DILEM Contactor, 24 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051602](#)

051602

Eaton Moeller® series DILEEM Contactor, 240 V 50 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [010032](#)

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Eaton Moeller® series DILEM Contactor, 240 V 50 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051592](#)

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Eaton Moeller® series DILEEM Contactor, 110 V 50/60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [127075](#)

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Eaton Moeller® series DILEM Contactor, 230 V 50 Hz, 240 V 60 Hz, 3 pole, 380 V 400 V, 5.5 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation DILEM12-10(230V50HZ,240V60HZ)

- [010197](#)

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Eaton Moeller® series DILEM Contactor, 600 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051800](#)

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Eaton Moeller® series DILEM Contactor, 42 V 50 Hz, 48 V 60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

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Eaton Moeller® series DILEM Contactor, 380 V 50 Hz, 440 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051608](#)

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Eaton Moeller® series DILEEM Contactor, 230 V 50 Hz, 240 V 60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation DILEEM-10(230V50HZ,240V60HZ)

- [051783](#)

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Eaton Moeller® series DILEM Contactor, 110 V 50 Hz, 120 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051595](#)

051595

Eaton Moeller® series DILEEM Contactor, 42 V 50/60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [000642](#)

000642

Eaton Moeller® series DILEM Contactor, 100 V 50Hz, 100-110 V 60Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O,

Screw terminals, AC operation

- [056674](#)  
  
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Eaton Moeller® series DILEEM Contactor, 230 V 50/60 Hz, 3 pole, 380 V 400 V, 3 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation
- [014754](#)  
  
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Eaton Moeller® series DILEM Contactor, 24 V 50 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation
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Eaton Moeller® series DILEM Contactor, 400 V 50 Hz, 440 V 60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation
- [051785](#)  
  
051785  
Eaton Moeller® series DILEM Contactor, 220 V 50 Hz, 240 V 60 Hz, 3 pole, 380 V 400 V, 4 kW, Contacts N/O = Normally open= 1 N/O, Screw terminals, AC operation

- [051801](#)

051801

Eaton Moeller® series DILEM Contactor, 110 V 50 Hz, 120 V 60 Hz, 4 pole, 380 V 400 V, 4 kW, Screw terminals, AC operation

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## General specifications

Product Name

Eaton Moeller® series DILE Accessory Auxiliary contact module

Catalog Number

010224

Model Code

11DILE

EAN

4015080102243

Product Length/Depth

36 mm

Product Height

32 mm

Product Width

45 mm

Product Weight

0.03 kg

Certifications

UL

UL 508

IEC/EN 60947

UL Category Control No.: NKCR

UL File No.: E29184

CSA Class No.: 3211-03

CSA File No.: 012528

VDE 0660

IEC/EN 60947-4-1

CE

CSA

CSA-C22.2 No. 14-05

## Product specifications

Rated operational current for specified heat dissipation (In)

4 A

Terminal capacity (flexible with ferrule)

1 x (0.75 - 1.5) mm<sup>2</sup>

2 x (0.75 - 1.5) mm<sup>2</sup>

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Ambient operating temperature (enclosed) - min

25 °C

Lamp holder

None

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Mounting method

Front fastening

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

Ambient operating temperature (enclosed) - max  
40 °C

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Ambient storage temperature - min  
40 °C

Fitted with:

Switching elements according to EN 50005

Interlocked opposing contacts

10.8 Connections for external conductors

Is the panel builder's responsibility.

Screw size

M3.5, Terminal screw

Protection

Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)

Ambient operating temperature - max  
50 °C

Climatic proofing

Damp heat, constant, to IEC 60068-2-78

Damp heat, cyclic, to IEC 60068-2-30

Code number

42 in combination with DILER-31(-G)

33 in combination with DILER-22

51E

Features

Interlocked opposing contacts within an auxiliary contact module (according to IEC 60947-5-1 Annex L)

Static heat dissipation, non-current-dependent Pvs

0 W

Rated operational current (Ie) at AC-15, 500 V

1.5 A

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

Number of poles

Two-pole

Ambient operating temperature - min  
-25 °C

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

Safe isolation

300 V AC, Between auxiliary contacts, According to EN 61140

300 V AC, Between coil and auxiliary contacts, According to EN 61140

Mounting position

As required (except vertical with terminals A1/A2 at the bottom)

Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V

4 A

Electric connection type

Screw connection

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

Number of contacts (normally closed contacts)

1

10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

Heat dissipation per pole, current-dependent Pvid

0.24 W

Rated operational current (Ie) at AC-15, 380 V, 400 V, 415 V

2 A

Operating frequency

9000 Operations/h



Switching capacity (auxiliary contacts, general use)  
10 A, 600 V AC, (UL/CSA)  
0.5 A, 250 V DC, (UL/CSA)  
Number of switches (fault signal)  
0  
Equipment heat dissipation, current-dependent P<sub>vid</sub>  
0 W  
Heat dissipation capacity P<sub>diss</sub>  
0 W  
Rated operational current (I<sub>e</sub>)  
2.5 A at 24 V, DC L/R ≤ 15 ms (with 1 contact in series)  
0.5 A at 220 V, DC L/R ≤ 15 ms (with 3 contacts in series)  
2.5 A at 60 V, DC L/R ≤ 15 ms (with 2 contacts in series)  
1.5 A at 110 V, DC L/R ≤ 15 ms (with 3 contacts in series)  
Short-circuit protection rating without welding  
6 A gG/gL, 500 V, Max. Fuse, Contacts  
Terminal capacity (solid)  
2 x (0.75 - 2.5) mm<sup>2</sup>  
1 x (0.75 - 2.5) mm<sup>2</sup>  
10.2.3.2 Verification of resistance of insulating materials to normal heat  
Meets the product standard's requirements.  
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects  
Meets the product standard's requirements.  
Connection type  
Screw connection  
Lifespan, mechanical  
200,000 Operations (at 240 V, AC-15)  
20,000,000 Operations (DC operated)  
150,000 Operations (at 240 V, DC, L/R = 50 ms: 2 contacts in series 0.5 A)  
10,000,000 Operations (AC operated)  
Conventional thermal current I<sub>th</sub> of auxiliary contacts (1-pole, open)  
10 A  
Terminal capacity (solid/stranded AWG)  
Single 18 – 14, double 18 – 14  
10.9.2 Power-frequency electric strength  
Is the panel builder's responsibility.  
Control circuit reliability  
< 2λ, < 1 failure at 100,000,000 Operations (at U<sub>c</sub> = 24 V DC, U<sub>min</sub> = 17 V, I<sub>min</sub> = 5.4 mA)  
Overvoltage category  
III  
Degree of protection  
IP20  
Ambient storage temperature - max  
80 °C  
Rated operational voltage (U<sub>e</sub>) at AC - max  
600 V  
Pollution degree  
3  
10.7 Internal electrical circuits and connections  
Is the panel builder's responsibility.  
Rated impulse withstand voltage (U<sub>imp</sub>)  
6000 V AC  
10.10 Temperature rise  
The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.  
Functions  
For standard applications  
Tightening torque  
1.2 Nm, Screw terminals  
Screwdriver size  
2, Terminal screw, Pozidriv screwdriver  
0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver  
10.2.2 Corrosion resistance  
Meets the product standard's requirements.  
10.2.4 Resistance to ultra-violet (UV) radiation  
Meets the product standard's requirements.

### 10.2.7 Inscriptions

Meets the product standard's requirements.  
Number of contacts (normally open contacts)  
1  
Short-circuit protection rating  
10 A fast, 500V, Maximum fuse, Short-circuit rating without welding, Contacts  
Model  
Top mounting  
Number of contacts (change-over contacts)  
0

Shock resistance  
8 g, N/C contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms  
10 g, N/O contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms  
Switching capacity (auxiliary contacts, pilot duty)  
P300, DC operated (UL/CSA)  
A600, AC operated (UL/CSA)  
Rated insulation voltage (Ui)  
690 V

Serial Number Verified :

Authenticated: 

The product is verified as being authentic; however, this does not guarantee the condition or fit for purpose of the product.

## Catalogs

- [Switching and protecting motors - catalog](#)
- [Product Range Catalog Switching and protecting motors](#)

## Characteristic curve

- [eaton-contactors-short-time-loading-dilm-characteristic-curve.eps](#)
- [eaton-contactors-switch-dilm-characteristic-curve-002.eps](#)

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## Declarations of conformity

- [DA-DC-00004747.pdf](#)
- [DA-DC-00004764.pdf](#)

## Drawings

- [eaton-contactors-diler-dimensions-002.eps](#)
- [eaton-contactors-contact-dile-accessory-3d-drawing.eps](#)

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## eCAD model

- [DA-CE-ETN.11DILE](#)

## Installation instructions

- [IL03407009Z](#)

## mCAD model

- [DA-CS-hs\\_dile](#)
- [DA-CD-hs\\_dile](#)

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## Wiring diagrams

- [eaton-contactors-contact-dila-accessory-wiring-diagram-009.eps](#)

## Export product specification

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