

**SLD F 3CO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Relay sockets for the D-SERIES DRL relays

- 2, 3 and 4 CO contacts
- Screw connection

**General ordering data**

|            |                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------|
| Version    | D-SERIES DRL, Relay socket, Number of contacts: 3, CO contact, Continuous current: 10 A, Screw connection |
| Order No.  | <a href="#">7760056226</a>                                                                                |
| Type       | SLD F 3CO                                                                                                 |
| GTIN (EAN) | 6944169634024                                                                                             |
| Qty.       | 10 pc(s).                                                                                                 |

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**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 30 mm   | Depth (inches)  | 1.181 inch |
| Height     | 84.6 mm | Height (inches) | 3.331 inch |
| Width      | 34 mm   | Width (inches)  | 1.339 inch |
| Net weight | 60 g    |                 |            |

**Temperatures**

|                     |                                          |                       |                |
|---------------------|------------------------------------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C                           | Operating temperature | -40 °C...65 °C |
| Humidity            | 35...85 % rel. humidity, no condensation |                       |                |

**Rated data UL**

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E312083 |
|-------------------------|---------|

**Load side**

|                            |          |                    |              |
|----------------------------|----------|--------------------|--------------|
| Rated switching voltage    | 250 V AC | Continuous current | 10 A         |
| Max. switching voltage, AC | 250 V    | Contact type       | 3 CO contact |

**General data**

|                                    |                          |                |  |
|------------------------------------|--------------------------|----------------|--|
| Rail                               | TS 35                    |                |  |
| Colour                             | black                    |                |  |
| UL94 flammability rating component | Component                | Housing        |  |
|                                    | UL94 flammability rating | V-2            |  |
|                                    | Component                | Mounting foot  |  |
|                                    | UL94 flammability rating | HB             |  |
|                                    | Component                | Retaining clip |  |
|                                    | UL94 flammability rating | HB             |  |

**Insulation coordination**

|                                                               |                             |                                                  |                             |
|---------------------------------------------------------------|-----------------------------|--------------------------------------------------|-----------------------------|
| Pollution severity                                            | 2                           | Surge voltage category                           | III                         |
| Clearance and creepage distances for control side - load side | ≥ 6 mm                      | Dielectric strength for control side - load side | 2 kV <sub>eff</sub> / 1 min |
| Dielectric strength of neighbouring contacts                  | 2 kV <sub>eff</sub> / 1 min | Impulse withstand voltage                        | 4 kV (1.2/50 µs)            |
| Protection degree                                             | IP10                        |                                                  |                             |

**Further details of approvals / standards**

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E312083 |
|-------------------------|---------|

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## Technical data

## Connection data

|                                                                                         |                                 |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------|---------------------|
| Wire connection method                                                                  | Screw connection                | Stripping length, rated connection                                                      | 8 mm                |
| Tightening torque, min.                                                                 | 0.8 Nm                          | Tightening torque, max.                                                                 | 1 Nm                |
| Clamping range, min.                                                                    | 0.5 mm <sup>2</sup>             | Clamping range, max.                                                                    | 2.5 mm <sup>2</sup> |
| Wire cross-section, solid, min.                                                         | 0.5 mm <sup>2</sup>             | Wire cross-section, solid, max.                                                         | 2.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup>             | Wire connection cross section, finely stranded, max.                                    | 2.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup>             | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm <sup>2</sup> |
| Conductor cross-section, flexible, AEH (DIN 46228-1), min.                              | 0.5 mm <sup>2</sup>             | Conductor cross-section, flexible, AEH (DIN 46228-1), max.                              | 2.5 mm <sup>2</sup> |
| Wire connection                                                                         | M4 forked cable lug (insulated) | Blade size                                                                              | Gr. PH2             |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001456    | ETIM 7.0    | EC001456    |
| ETIM 8.0    | EC001456    | ETIM 9.0    | EC001456    |
| ETIM 10.0   | EC001456    | ECLASS 9.0  | 27-37-16-03 |
| ECLASS 9.1  | 27-37-16-03 | ECLASS 10.0 | 27-37-16-03 |
| ECLASS 11.0 | 27-37-16-03 | ECLASS 12.0 | 27-37-16-03 |
| ECLASS 13.0 | 27-37-16-03 | ECLASS 14.0 | 27-37-16-03 |
| ECLASS 15.0 | 27-37-16-03 |             |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Important note

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Product information | For this socket, a cross connection is not available. |
|                     | For this socket, markers are not available.           |

## Approvals

Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Certificate No. (cURus) | E312083                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[EU Konformitätserklärung / EU Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

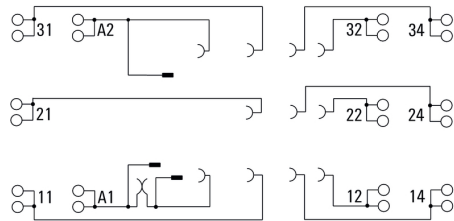
## SLD F 3C0

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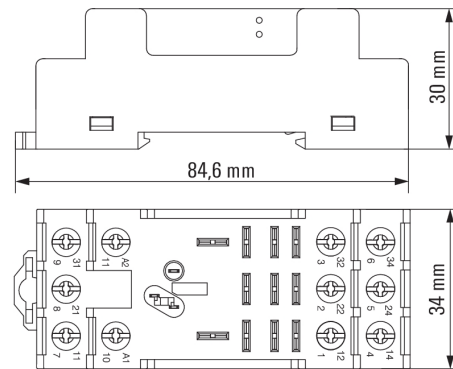
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## Drawings

### Wiring diagram



### Dimensional drawing



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## Accessories

## LED



Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With green LED

## General ordering data

|            |                            |                                                                                 |
|------------|----------------------------|---------------------------------------------------------------------------------|
| Type       | RIM 3 110/230VUC           | Version                                                                         |
| Order No.  | <a href="#">7940018455</a> | D-SERIES, LED module, Rated control voltage: 110...230 V UC, Plug-in connection |
| GTIN (EAN) | 4032248878185              |                                                                                 |
| Qty.       | 10 pc(s).                  |                                                                                 |
| Type       | RIM 3 24/60VUC             | Version                                                                         |
| Order No.  | <a href="#">7760056018</a> | D-SERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in connection   |
| GTIN (EAN) | 4032248878130              |                                                                                 |
| Qty.       | 10 pc(s).                  |                                                                                 |
| Type       | RIM 3 6/24VUC              | Version                                                                         |
| Order No.  | <a href="#">7940018457</a> | D-SERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection    |
| GTIN (EAN) | 4032248878192              |                                                                                 |
| Qty.       | 10 pc(s).                  |                                                                                 |

## Protection modules



Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With free-wheeling diode or RC filter

## General ordering data

|            |                            |                                                                                     |
|------------|----------------------------|-------------------------------------------------------------------------------------|
| Type       | RIM 3 110/230VAC           | Version                                                                             |
| Order No.  | <a href="#">7760056014</a> | D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in connection      |
| GTIN (EAN) | 4032248878109              |                                                                                     |
| Qty.       | 10 pc(s).                  |                                                                                     |
| Type       | RIM 3 110/230VAC LED       | Version                                                                             |
| Order No.  | <a href="#">7760056045</a> | D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in connection      |
| GTIN (EAN) | 4032248878147              |                                                                                     |
| Qty.       | 10 pc(s).                  |                                                                                     |
| Type       | RIM 1 6/230VDC             | Version                                                                             |
| Order No.  | <a href="#">7760056169</a> | D-SERIES, Free-wheeling diode, Rated control voltage: 6...230 V, Plug-in connection |
| GTIN (EAN) | 4032248967728              |                                                                                     |
| Qty.       | 10 pc(s).                  |                                                                                     |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Crosshead screwdriver, Phillips**

VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

**General ordering data**

|            |                            |                                                                    |
|------------|----------------------------|--------------------------------------------------------------------|
| Type       | SDIK SLIM PH2 X 100        | Version                                                            |
| Order No.  | <a href="#">2749660000</a> | Screwdriver, Blade width (B): 2 mm, 100 mm, Blade thickness (A): 2 |
| GTIN (EAN) | 4050118896404              |                                                                    |
| Qty.       | 1 pc(s).                   |                                                                    |

**Crosshead screwdriver Phillips**

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

**General ordering data**

|            |                            |                                                                    |
|------------|----------------------------|--------------------------------------------------------------------|
| Type       | SDIK PH2 X 100             | Version                                                            |
| Order No.  | <a href="#">2749900000</a> | Screwdriver, Blade width (B): 2 mm, 100 mm, Blade thickness (A): 2 |
| GTIN (EAN) | 4050118897203              |                                                                    |
| Qty.       | 1 pc(s).                   |                                                                    |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Crosshead screwdriver Phillips**

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip

**General ordering data**

|            |                            |                                                                  |
|------------|----------------------------|------------------------------------------------------------------|
| Type       | SDK PH2 X 100              | Version                                                          |
| Order No.  | <a href="#">2749420000</a> | Screwdriver, Blade width (B): 2 mm, 100 mm, Blade thickness (A): |
| GTIN (EAN) | 4050118895643              |                                                                  |
| Qty.       | 1 pc(s).                   |                                                                  |

**Retaining clips**

Retaining clip for D-SERIES DRL relays

- Metal retaining clip

**General ordering data**

|            |                            |                          |
|------------|----------------------------|--------------------------|
| Type       | SLD CLIP 3CO M             | Version                  |
| Order No.  | <a href="#">7760056234</a> | D-SERIES, Retaining clip |
| GTIN (EAN) | 6944169634048              |                          |
| Qty.       | 10 pc(s).                  |                          |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****LED / free-wheel diode**

Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With green LED and free-wheeling diode

**General ordering data**

|            |                            |                                                                   |
|------------|----------------------------|-------------------------------------------------------------------|
| Type       | RIM 2 110/230VDC           | Version                                                           |
| Order No.  | <a href="#">7760056017</a> | D-SERIES, LED module with freewheel diode, Rated control voltage: |
| GTIN (EAN) | 4032248896615              | 110...230 V DC, Plug-in connection                                |
| Qty.       | 10 pc(s).                  |                                                                   |
| Type       | RIM 2 6/24VDC              | Version                                                           |
| Order No.  | <a href="#">7760056015</a> | D-SERIES, LED module with freewheel diode, Rated control voltage: |
| GTIN (EAN) | 4032248878116              | 6...24 V DC, Plug-in connection                                   |
| Qty.       | 10 pc(s).                  |                                                                   |
| Type       | RIM 2 24/60VDC             | Version                                                           |
| Order No.  | <a href="#">7760056016</a> | D-SERIES, LED module with freewheel diode, Rated control voltage: |
| GTIN (EAN) | 4032248878123              | 24...60 V DC, Plug-in connection                                  |
| Qty.       | 10 pc(s).                  |                                                                   |