

## Systemverkabelung - 2014 System Cabling - 2014

Projektierungs-Cross-Liste

Project Cross Reference List

Ein großer Teil der Kosten eines Automatisierungssystems resultiert aus der Verkabelung für die Stell- und Meldegeräte. Hinzu kommt, dass Maschinen und Anlagen immer komplexer werden und damit der Verkabelungsaufwand für die Ein- und Ausgabestationen weiter steigt. Zum Materialaufwand an Kabel und Leitungen kommt der Aufwand für die Planung, die Montage und Dokumentation noch hinzu.

Die Systemverkabelung reduziert die Herstellkosten durch schnelle, fehlerfreie und einheitliche I/O Verdrahtung von der Steuerungs- zur Feldebene.

Der Systemaufbau besteht aus den Komponenten:

- Frontadapter
- Systemkabel
- Anschaltmodul

Die Systemverkabelung ist verfügbar für SPSen von:

A large part of the costs of an automation system result from the cabling of the actuators and sensors. In addition to this, machines and systems are becoming more complex and the cabling effort of the input and output elements continue to increase.

Together with the material requirement in cable and connections, comes the effort for the planning, assembly and documentation.

The System Cabling reduces the manufacturing costs due to its quick, error-free and uniform I/O cabling from the control to the field level.

The System layout consists of these three components:

- Front Adapter
- System Cable
- Termination Module

The PLC System Cabling is available for the PLCs from:

- **Allen-Bradley** ..... 4
- **GE-Fanuc** ..... 12
- **Honeywell** ..... 14
- **MITSUBISHI** ..... 16
- **OMRON** ..... 18
- **Phoenix Contact** ..... 24
- **Schneider Electric** ..... 26
- **SIEMENS** ..... 30
- **Adapter mit Systemkabel / Adapter with integrated system cable** ..... 50
- **System Cable** ..... 51
- **Adapter PLC-V8** ..... 56

Mit der **Projektierungs-Cross-Liste** sind die Vorteile des Systemkonzepts schon für den Planer nutzbar.

Ausgehend von der verwendeten SPS wird die zugehörige Cross-Liste zu Grunde gelegt. Nach Auswahl der I/O Anschlusskarte werden die erforderlichen Systemverkabelungskomponenten eindeutig spezifiziert. Die Anschaltmodule sind in die Über-

gabe von 8 und 32 Kanälen mit jeweils passiven und aktiven Modulen gruppiert und werden passgenau auf die Applikation ausgewählt.

**Hinweis:**

Beschreibung, technische Daten und Anschlussbelegung der Systemverkabelungskomponenten finden Sie im Phoenix Contact-Katalog 7-2013.

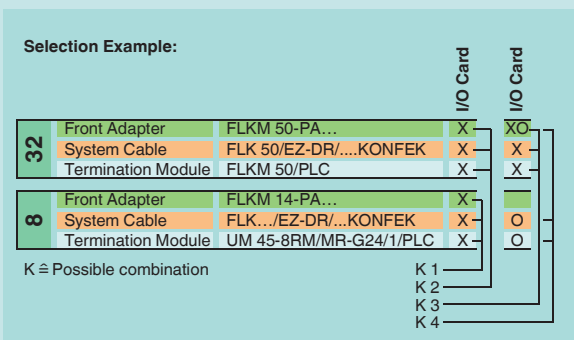
With this **Project Cross-Reference List** the advantages of the system concept are available and of benefit to the Project Engineer.

The reference table is based on the PLC used and provides the reference of available modules. After selection of the PLC I/O card, the required System Cabling components are clearly specified. The termination modules are grouped in either

8 and 32 channels into passive and active modules and are selected according to the application.

**Important:**

Description, technical data and connection - layout of the System Cabling components can be found in the Phoenix Contact catalog 7-2013.





|                                |                            | Katalog 7-2013<br>Catalog 7-2013   | Bestellnr. /<br>Order No. | CPU 312C      | CPU 313C | CPU 313C-2DP | CPU 313C-2PDP | CPU 314C-2DP | CPU 314C-2PDP | 321-1BH50-0AA0 | 321-7BH01-0AB0 | 321-1BH02-0AA0 | 321-1BH10-0AA0 | 321-1BL00-0AA0 | 321-1BP00-0AA0 <sup>2)</sup> | 322-1BH01-0AA0 | 322-1BH10-0AA0 | 322-1BP00-0AA0 | 322-1BPS0-0AA0 | 322-8BF00-0AB0 | 322-8BH01-0AB0 | 322-8BH10-0AB0 | 322-1BL00-0AA0 | 323-1BH01-0AA0 |  |
|--------------------------------|----------------------------|------------------------------------|---------------------------|---------------|----------|--------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| <b>32 Kanäle / 32 channels</b> | passiv / passive           | VIP-PA-FLK50/.../MS7 <sup>1)</sup> | 448                       | Seite/page 50 | X        | X            | X             | X            | X             |                |                |                |                | X              |                              |                |                |                |                |                | X              | X              | X              |                |  |
|                                |                            | CABLE-FCN40/1X50/.../S7-OUT        | 453                       | Seite/page 51 |          |              |               |              |               |                |                |                |                |                |                              |                |                | X              |                | X              |                |                |                |                |  |
|                                |                            | CABLE-FCN40/1X50/.../S7-IN         | 453                       | Seite/page 51 |          |              |               |              |               |                |                |                |                |                | X                            |                |                |                |                |                |                |                |                |                |  |
|                                |                            | VIP-2/SC/FLK50/PLC                 | 471                       | 2315227       |          | X            | X             | X            | X             | X              |                |                |                |                | X                            | X              | X              | X              | X              | X              |                |                |                |                |  |
|                                |                            | VIP-2/PT/FLK50/PLC                 | 471                       | 2903803       |          | X            | X             | X            | X             | X              |                |                |                |                | X                            | X              | X              | X              | X              | X              |                |                |                |                |  |
|                                |                            | VIP-2/SC/FLK50/LED/PLC             | 471                       | 2322252       |          | X            | X             | X            | X             | X              |                |                |                |                | X                            | X              | X              | X              | X              | X              |                |                |                |                |  |
|                                |                            | VIP-2/PT/FLK50/LED/PLC             | 471                       | 2904280       |          | X            | X             | X            | X             | X              |                |                |                |                | X                            | X              | X              | X              | X              | X              |                |                |                |                |  |
|                                |                            | FLKM 50/32M/PLC                    | 477                       | 2289719       |          | X            | X             | X            | X             | X              |                |                |                |                | X                            | X              | X              | X              | X              | X              |                |                |                |                |  |
|                                |                            | FLKM 50/32P/PLC                    | 477                       | 2291121       |          | X            | X             | X            | X             | X              |                |                |                |                | X                            | X              | X              | X              | X              | X              |                |                |                |                |  |
|                                |                            | FLKMS 50/32IM/PLC                  | 480                       | 2284523       |          | X            | X             | X            | X             | X              |                |                |                |                | X                            | X              | X              | X              | X              | X              |                |                |                |                |  |
|                                |                            | FLKMS 50/32IM/LA/PLC               | 480                       | 2284510       |          | X            | X             | X            | X             | X              |                |                |                |                | X                            | X              | X              | X              | X              | X              |                |                |                |                |  |
|                                |                            | FLKMS 50/32IM/ZFKDS/PLC            | 480                       | 2901389       |          | X            | X             | X            | X             | X              |                |                |                |                | X                            | X              | X              | X              | X              | X              |                |                |                |                |  |
|                                |                            | FLKM 50/KDS 3-MT/PPA/PLC           | 482                       | 2290614       |          | X            | X             | X            | X             | X              |                |                |                |                | X                            | X              | X              | X              | X              | X              |                |                |                |                |  |
|                                | FLKM50/32M/SI/PLC          | 478                                | 2294490                   |               | X        | X            | X             | X            | X             |                |                |                |                | X              | X                            | X              | X              | X              | X              |                |                |                |                |                |  |
|                                | VIP-2/SC/FLK50 (1-40) /S7  | 472                                | 2315243                   |               | X        | X            | X             | X            | X             |                |                |                |                | X              | X                            | X              | X              | X              | X              |                |                | X              | X              | X              |  |
|                                | VIP-2/PT/FLK50 (1-40) /S7  | 472                                | 2903804                   |               | X        | X            | X             | X            | X             |                |                |                |                | X              | X                            | X              | X              | X              | X              |                |                | X              | X              | X              |  |
|                                | FLKM 50/KDS3-MT/PPA/S7-300 | 482                                | 2304490                   |               | X        | X            | X             | X            | X             |                |                |                |                | X              | X                            | X              | X              | X              | X              |                |                | X              | X              | X              |  |
|                                | aktiv / active             | UMK-32RM/MR-G24/1/PLC              | 492                       | 2979472       |          |              |               |              |               |                |                |                |                |                |                              |                |                | X              | X              |                |                |                |                |                |  |
|                                |                            | UM-32RM/RT-G24/21/PLC              | 493                       | 2968373       |          |              |               |              |               |                |                |                |                |                |                              |                |                | X              | X              |                |                |                |                |                |  |
|                                |                            | UMK-16RM/KSR-G24/21/PLC            | 495                       | 2979498       |          |              |               |              |               |                |                |                |                |                |                              |                |                | X              | X              |                |                |                |                |                |  |
|                                |                            | UMK-16RM/KSR-G24/21/E/PLC          | 495                       | 2979508       |          |              |               |              |               |                |                |                |                |                |                              |                |                | X              | X              |                |                |                |                |                |  |
|                                |                            | UM-16RELS/KSR-G24/21/MT/PLC        | 497                       | 2962382       |          |              |               |              |               |                |                |                |                |                |                              |                |                | X              | X              |                |                |                |                |                |  |
|                                |                            | UM-16RELS/KSR-G24/21/E/MT/PLC      | 497                       | 2962379       |          |              |               |              |               |                |                |                |                |                |                              |                |                | X              | X              |                |                |                |                |                |  |
|                                |                            | UM 32RM/KSR-G24/21/MS/PLC          | 498                       | 2900891       |          |              |               |              |               |                |                |                |                |                |                              |                |                | X              | X              |                |                |                |                |                |  |

|                              |                             |                                      |         |               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------|-----------------------------|--------------------------------------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>8 Kanäle / 8 channels</b> | passiv / passive            | VIP-PA-FLK14/.../MS7 <sup>1)</sup>   | 449     | Seite/page 50 |   |   |   |   |   | X | X | X | X |   | X | X |   |   |   | X |   |   | X |   |
|                              |                             | VIP-PA-FLK4X14/.../MS7 <sup>1)</sup> | 449     | Seite/page 50 |   | X | X | X | X |   |   |   |   | X |   |   |   |   |   |   | X | X | X |   |
|                              |                             | CABLE-FCN40/4X14/.../S7-OUT          | 453     | Seite/page 51 |   |   |   |   |   |   |   |   |   |   |   |   |   | X | X |   |   |   |   |   |
|                              |                             | CABLE-FCN40/4X14/.../S7-IN           | 453     | Seite/page 51 |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |
|                              |                             | VIP-2/SC/2FLK14 (1-20) /S7           | 474     | 2315230       |   | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
|                              | VIP-2/PT/2FLK14 (1-20) /S7  | 474                                  | 2903802 |               | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |   |
|                              | FLKM-2FLK 14/KDS3-MT/PPA/S7 | 482                                  | 2295062 |               | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |   |
|                              | VIP-2/SC/FLK14/PLC          | 470                                  | 2315214 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-2/PT/FLK14/PLC          | 470                                  | 2903801 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-2/SC/FLK14/LED/PLC      | 470                                  | 2322249 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-2/PT/FLK14/LED/PLC      | 470                                  | 2904279 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-3/SC/FLK14/8IM/PLC      | 479                                  | 2322278 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-3/PT/FLK14/8IM/PLC      | 479                                  | 2904282 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-2/SC/FLK14/8M/PLC       | 476                                  | 2322281 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-2/PT/FLK14/8M/PLC       | 476                                  | 2904283 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-2/SC/FLK14/8P/PLC       | 476                                  | 2322294 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-2/PT/FLK14/8P/PLC       | 476                                  | 2904284 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-3/SC/FLK14/8IM/LED/PLC  | 479                                  | 2322265 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | VIP-3/PT/FLK14/8IM/LED/PLC  | 479                                  | 2904281 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | FLKM 14/KDS 3-MT/PPA/PLC    | 482                                  | 2290423 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | FLKM 14/8M/SI/PLC           | 478                                  | 2294487 |               | X | X | X | X | X |   | X | X | X | X | X | X | X | X | X |   |   |   | X |   |
|                              | aktiv / active              | UMK-8RM/MR-G24/1/PLC                 | 492     | 2979469       |   | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |
|                              |                             | UM-8RM/RT-G24/21/PLC                 | 493     | 2968386       |   | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |
|                              |                             | UMK-8RM/KSR-G24/21/PLC               | 494     | 2979485       |   | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |
|                              |                             | UMK-8RELS/KSR-G24/21-21/PLC          | 496     | 2976187       |   | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |
|                              |                             | UM-8RELS/KSR-G24/21/MT/PLC           | 497     | 2962463       |   | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |
|                              |                             | VIP-8RPT-24DC/21/D0/FU/PLC           |         | 2903601       |   | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |
|                              |                             | UM-8RM/KSR-G24/21/SI/PLC             | 499     | 2900892       |   | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |
|                              |                             | UM-8RM/KSR-G24/21/MS/PLC             | 498     | 2900890       |   | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |
|                              |                             | UM-8RM/KSR-G24/21/MS/SI/PLC          | 499     | 2900893       |   | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |
|                              |                             | PLC-V8/FLK14/OUT                     | 484     | 2295554       |   | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |
|                              |                             | VIP-8RPT-24DC/1AU/DI/PLC             |         | 2903600       |   | X | X | X | X |   | X | X | X | X |   |   |   |   |   |   |   |   |   | X |
| VIP-8RPT-120AC/1AU/DI/PLC    |                             |                                      | 2904576 |               | X | X | X | X |   | X | X | X | X |   |   |   |   |   |   |   |   |   | X |   |
| PLC-V8/FLK14/IN              |                             | 484                                  | 2296553 |               | X | X | X | X |   | X | X | X | X |   |   |   |   |   |   |   |   |   | X |   |
| PLC-V8L/FLK14/OUT            |                             | 485                                  | 2299660 |               | X | X | X | X |   |   |   |   |   |   | X | X | X | X |   |   |   |   | X |   |

1) Frontadapter mit integriertem Systemkabel  
 1) Front adapter with integrated system cable

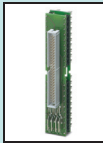
2) Pluslesender Betrieb  
 2) Sinking mode











Bezeichnung / Description

Katalog 7-2013  
Catalog 7-2013

Bestellnr. /  
Order No.

334-OCE01-0AA0  
334-OKE00-0AB0  
335-7HG01-0AB0  
336-1HE00-0AB0  
336-4GE00-0AB0  
338-4ABC01-0AB0  
350-1AH03-0AEO  
350-2AH01-0AEO  
351-1AH01-0AEO  
352-1AH02-0AEO  
353-1AH01-0AEO  
354-1AH01-0AEO  
355-0VH10-0AEO  
355-1VH10-0AEO  
357-4AH01-0AEO

| 32 Kanäle / 32 channels    |                               | Katalog 7-2013<br>Catalog 7-2013 | Bestellnr. /<br>Order No. | 334-OCE01-0AA0 | 334-OKE00-0AB0 | 335-7HG01-0AB0 | 336-1HE00-0AB0 | 336-4GE00-0AB0 | 338-4ABC01-0AB0 | 350-1AH03-0AEO | 350-2AH01-0AEO | 351-1AH01-0AEO | 352-1AH02-0AEO | 353-1AH01-0AEO | 354-1AH01-0AEO | 355-0VH10-0AEO | 355-1VH10-0AEO | 357-4AH01-0AEO |  |
|----------------------------|-------------------------------|----------------------------------|---------------------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| passiv / passive           | FLKM 50-PA-S300               | 450                              | 2294445                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | FLKM 50-PA-S300/SO167         | 452                              | 2307662                   |                |                | X              |                |                |                 | X              |                |                |                |                |                |                |                | X              |  |
|                            | FLKM 50-PA/DO326/S7-300       | 452                              | 2321952                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | FLK 50/EZ-DR/...KONFEK        | 504                              | Seite/page 52-53          |                |                | X              |                |                |                 | X              |                |                |                |                |                |                |                | X              |  |
|                            | CABLE-FCN40/1X50/.../S7-OUT   | 453                              | Seite/page 51             |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | CABLE-FCN40/1X50/.../S7-IN    | 453                              | Seite/page 51             |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | VIP-2/SC/FLK50/PLC            | 471                              | 2315227                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | VIP-2/PT/FLK50/PLC            | 471                              | 2903803                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | VIP-2/SC/FLK50/LED/PLC        | 471                              | 2322252                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | VIP-2/PT/FLK50/LED/PLC        | 471                              | 2904280                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | UM 45-FLK 50/32IM/ZFKDS/PLC   | 481                              | 2965224                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | FLKM 50/32M/PLC               | 477                              | 2289719                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | FLKM 50/32P/PLC               | 477                              | 2291121                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | FLKMS 50/32IM/PLC             | 480                              | 2284523                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | FLKMS 50/32IM/LA/PLC          | 480                              | 2284510                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | FLKMS 50/32IM/ZFKDS/PLC       | 480                              | 2901389                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | FLKM 50/KDS 3-MT/PPA/PLC      | 482                              | 2290614                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | FLKM50/32M/SI/PLC             | 478                              | 2294490                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
| VIP-2/SC/FLK50 (1-40) /S7  | 472                           | 2315243                          |                           |                | X              |                |                |                | X               |                |                |                |                |                |                |                | X              |                |  |
| VIP-2/PT/FLK50 (1-40) /S7  | 472                           | 2903804                          |                           |                | X              |                |                |                | X               |                |                |                |                |                |                |                | X              |                |  |
| FLKM 50/KDS3-MT/PPA/S7-300 | 482                           | 2304490                          |                           |                | X              |                |                |                | X               |                |                |                |                |                |                |                | X              |                |  |
| FLKM 50/DO326/S7-300       |                               | 2321965                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
| aktiv / active             | UM 45-16RM/MR-G24/1/PLC       | 491                              | 2962913                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | UM 45-16RM/MR-G24/1/E/PLC     | 491                              | 2962926                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | UMK-32RM/MR-G24/1/PLC         | 492                              | 2979472                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | UM-32RM/RT-G24/21/PLC         | 493                              | 2968373                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | UMK-16RM/KSR-G24/21/PLC       | 495                              | 2979498                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | UMK-16RM/KSR-G24/21/E/PLC     | 495                              | 2979508                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | UM-16RELS/KSR-G24/21/MT/PLC   | 497                              | 2962382                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | UM-16RELS/KSR-G24/21/E/MT/PLC | 497                              | 2962379                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |
|                            | UM 32RM/KSR-G24/21/MS/PLC     | 498                              | 2900891                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |  |

| 8 Kanäle / 8 channels      |                             | Katalog 7-2013<br>Catalog 7-2013 | Bestellnr. /<br>Order No. | 334-OCE01-0AA0 | 334-OKE00-0AB0 | 335-7HG01-0AB0 | 336-1HE00-0AB0 | 336-4GE00-0AB0 | 338-4ABC01-0AB0 | 350-1AH03-0AEO | 350-2AH01-0AEO | 351-1AH01-0AEO | 352-1AH02-0AEO | 353-1AH01-0AEO | 354-1AH01-0AEO | 355-0VH10-0AEO | 355-1VH10-0AEO | 357-4AH01-0AEO |
|----------------------------|-----------------------------|----------------------------------|---------------------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| passiv / passive           | FLKM 14-PA-S300             | 451                              | 2299770                   | X              | X              | X              |                |                | X               | X              | X              | X              | X              | X              | X              | X              | X              |                |
|                            | FLKM 14-PA-S300/AN          |                                  | 2302722                   |                |                |                | X              |                |                 |                |                |                |                |                |                |                |                |                |
|                            | FLKM 50/4-FLK14/PA-S300     | 450                              | 2296281                   |                |                |                |                |                |                 | X              |                |                |                |                |                |                | X              |                |
|                            | FLK 14/EZ-DR/...KONFEK      | 504                              | Seite/page 52-53          | X              | X              | X              | X              |                | X               | X              | X              | X              | X              | X              | X              | X              | X              | X              |
|                            | CABLE-FCN40/4X14/.../S7-OUT | 453                              | Seite/page 51             |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | CABLE-FCN40/4X14/.../S7-IN  | 453                              | Seite/page 51             |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | VIP-2/SC/2FLK14 (1-20) /S7  | 474                              | 2315230                   | X              | X              | X              | X              |                | X               | X              | X              | X              | X              | X              | X              | X              | X              |                |
|                            | VIP-2/PT/2FLK14 (1-20) /S7  | 474                              | 2903802                   | X              | X              | X              | X              |                | X               | X              | X              | X              | X              | X              | X              | X              | X              |                |
|                            | FLKM-2FLK 14/KDS3-MT/PPA/S7 | 482                              | 2295062                   | X              | X              | X              | X              |                | X               | X              | X              | X              | X              | X              | X              | X              | X              |                |
|                            | VIP-2/SC/FLK14/PLC          | 470                              | 2315214                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | VIP-2/PT/FLK14/PLC          | 470                              | 2903801                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | VIP-2/SC/FLK14/LED/PLC      | 470                              | 2322249                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | VIP-2/PT/FLK14/LED/PLC      | 470                              | 2904279                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | VIP-3/SC/FLK14/8IM/PLC      | 479                              | 2322278                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | VIP-3/PT/FLK14/8IM/PLC      | 479                              | 2904282                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | VIP-2/SC/FLK14/8M/PLC       | 476                              | 2322281                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | VIP-2/PT/FLK14/8M/PLC       | 476                              | 2904283                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | VIP-2/SC/FLK14/8P/PLC       | 476                              | 2322294                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/PT/FLK14/8P/PLC      | 476                         | 2904284                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-3/SC/FLK14/8IM/LED/PLC | 479                         | 2322265                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-3/PT/FLK14/8IM/LED/PLC | 479                         | 2904281                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKM 14/KDS 3-MT/PPA/PLC   | 482                         | 2290423                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKM 14/8M/SI/PLC          | 478                         | 2294487                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| aktiv / active             | UM 45-8RM/MR-G24/1/PLC      | 490                              | 2962900                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | UMK-8RM/MR-G24/1/PLC        | 492                              | 2979469                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | UM-8RM/RT-G24/21/PLC        | 493                              | 2968386                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | UMK-8RM/KSR-G24/21/PLC      | 494                              | 2979485                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | UMK-8RELS/KSR-G24/21-21/PLC | 496                              | 2976187                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | UM-8RELS/KSR-G24/21/MT/PLC  | 497                              | 2962463                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | VIP-8RPT-24DC/21/D0/FU/PLC  |                                  | 2903601                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | UM-8RM/KSR-G24/21/SI/PLC    | 499                              | 2900892                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | UM-8RM/KSR-G24/21/MS/PLC    | 498                              | 2900890                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|                            | UM-8RM/KSR-G24/21/MS/SI/PLC | 499                              | 2900893                   |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| PLC-V8/FLK14/OUT           | 484                         | 2295554                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-8RPT-24DC/1AU/DI/PLC   |                             | 2903600                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-8RPT-120AC/1AU/DI/PLC  |                             | 2904576                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| PLC-V8/FLK14/IN            | 484                         | 2296553                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| PLC-V8L/FLK14/OUT          | 485                         | 2299660                          |                           |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |





**Frontadapter mit Systemkabel für  
SIMATIC S7-300 / ET 200 M /  
Front adapter with integrated system cable  
SIMATIC S7-300 / ET 200 M**

**▶ 1 x 32 Kanäle anschaltbar /  
1 x 32 channels can be connected**

| Länge /<br>length: | Bezeichnung / Description | Bestellnr. /<br>Order No. |
|--------------------|---------------------------|---------------------------|
| 0,5 m              | VIP-PA-FLK50/0,5M/S7      | 2322443                   |
| 1,0 m              | VIP-PA-FLK50/1,0M/S7      | 2322456                   |
| 1,5 m              | VIP-PA-FLK50/1,5M/S7      | 2322469                   |
| 2,0 m              | VIP-PA-FLK50/2,0M/S7      | 2321800                   |
| 2,5 m              | VIP-PA-FLK50/2,5M/S7      | 2322472                   |
| 3,0 m              | VIP-PA-FLK50/3,0M/S7      | 2322485                   |
| 4,0 m              | VIP-PA-FLK50/4,0M/S7      | 2322498                   |
| 5,0 m              | VIP-PA-FLK50/5,0M/S7      | 2322508                   |
| 6,0 m              | VIP-PA-FLK50/6,0M/S7      | 2322511                   |
| 7,0 m              | VIP-PA-FLK50/7,0M/S7      | 2322524                   |
| 8,0 m              | VIP-PA-FLK50/8,0M/S7      | 2322537                   |
| 10 m               | VIP-PA-FLK50/10,0M/S7     | 2322540                   |

**▶ 4 x 8 Kanäle anschaltbar /  
4 x 8 channels can be connected**

| Länge /<br>length: | Bezeichnung / Description  | Bestellnr. /<br>Order No. |
|--------------------|----------------------------|---------------------------|
| 0,5 m              | VIP-PA-FLK50/4X14/0,5M/S7  | 2322553                   |
| 1,0 m              | VIP-PA-FLK50/4X14/1,0M/S7  | 2322566                   |
| 1,5 m              | VIP-PA-FLK50/4X14/1,5M/S7  | 2322579                   |
| 2,0 m              | VIP-PA-FLK50/4X14/2,0M/S7  | 2321910                   |
| 2,5 m              | VIP-PA-FLK50/4X14/2,5M/S7  | 2322582                   |
| 3,0 m              | VIP-PA-FLK50/4X14/3,0M/S7  | 2322595                   |
| 4,0 m              | VIP-PA-FLK50/4X14/4,0M/S7  | 2322605                   |
| 5,0 m              | VIP-PA-FLK50/4X14/5,0M/S7  | 2322618                   |
| 6,0 m              | VIP-PA-FLK50/4X14/6,0M/S7  | 2322621                   |
| 7,0 m              | VIP-PA-FLK50/4X14/7,0M/S7  | 2322634                   |
| 8,0 m              | VIP-PA-FLK50/4X14/8,0M/S7  | 2322647                   |
| 10 m               | VIP-PA-FLK50/4X14/10,0M/S7 | 2322650                   |

**▶ 2 x 8 Kanäle anschaltbar /  
2 x 8 channels can be connected**

| Länge /<br>length: | Bezeichnung / Description | Bestellnr. /<br>Order No. |
|--------------------|---------------------------|---------------------------|
| 0,5 m              | VIP-PA-FLK14/0,5M/S7      | 2322663                   |
| 1,0 m              | VIP-PA-FLK14/1,0M/S7      | 2322676                   |
| 1,5 m              | VIP-PA-FLK14/1,5M/S7      | 2322689                   |
| 2,0 m              | VIP-PA-FLK14/2,0M/S7      | 2321790                   |
| 2,5 m              | VIP-PA-FLK14/2,5M/S7      | 2322692                   |
| 3,0 m              | VIP-PA-FLK14/3,0M/S7      | 2322702                   |
| 4,0 m              | VIP-PA-FLK14/4,0M/S7      | 2322715                   |
| 5,0 m              | VIP-PA-FLK14/5,0M/S7      | 2322728                   |
| 6,0 m              | VIP-PA-FLK14/6,0M/S7      | 2322731                   |
| 7,0 m              | VIP-PA-FLK14/7,0M/S7      | 2322744                   |
| 8,0 m              | VIP-PA-FLK14/8,0M/S7      | 2322757                   |
| 10 m               | VIP-PA-FLK14/10,0M/S7     | 2322760                   |

**Systemkabel für 64-kanalige I/O-Karten  
der SIMATIC S7-300 / ET 200 M /  
System cable for 64 channel I/O-cards  
SIMATIC S7-300 / ET 200 M**

**▶ 1 x 32 Output Kanäle anschaltbar /  
1 x 32 output channels can be connected**

| Länge /<br>length: | Bezeichnung / Description     | Bestellnr. /<br>Order No. |
|--------------------|-------------------------------|---------------------------|
| 0,5 m              | CABLE-FCN40/1X50/0,5M/S7-OUT  | 2321017                   |
| 1,0 m              | CABLE-FCN40/1X50/1,0M/S7-OUT  | 2321020                   |
| 2,0 m              | CABLE-FCN40/1X50/2,0M/S7-OUT  | 2321033                   |
| 3,0 m              | CABLE-FCN40/1X50/3,0M/S7-OUT  | 2321046                   |
| 4,0 m              | CABLE-FCN40/1X50/4,0M/S7-OUT  | 2321059                   |
| 6,0 m              | CABLE-FCN40/1X50/6,0M/S7-OUT  | 2321062                   |
| 8,0 m              | CABLE-FCN40/1X50/8,0M/S7-OUT  | 2321075                   |
| 10 m               | CABLE-FCN40/1X50/10,0M/S7-OUT | 2321088                   |

**▶ 1 x 32 Input Kanäle anschaltbar /  
1 x 32 input channels can be connected**

| Länge /<br>length: | Bezeichnung / Description    | Bestellnr. /<br>Order No. |
|--------------------|------------------------------|---------------------------|
| 0,5 m              | CABLE-FCN40/1X50/0,5M/S7-IN  | 2321091                   |
| 1,0 m              | CABLE-FCN40/1X50/1,0M/S7-IN  | 2321101                   |
| 2,0 m              | CABLE-FCN40/1X50/2,0M/S7-IN  | 2321114                   |
| 3,0 m              | CABLE-FCN40/1X50/3,0M/S7-IN  | 2321127                   |
| 4,0 m              | CABLE-FCN40/1X50/4,0M/S7-IN  | 2321130                   |
| 6,0 m              | CABLE-FCN40/1X50/6,0M/S7-IN  | 2321143                   |
| 8,0 m              | CABLE-FCN40/1X50/8,0M/S7-IN  | 2321156                   |
| 10 m               | CABLE-FCN40/1X50/10,0M/S7-IN | 2321169                   |

**▶ 4 x 8 Output Kanäle anschaltbar /  
4 x 8 output channels can be connected**

| Länge /<br>length: | Bezeichnung / Description     | Bestellnr. /<br>Order No. |
|--------------------|-------------------------------|---------------------------|
| 0,5 m              | CABLE-FCN40/4X14/0,5M/S7-OUT  | 2321172                   |
| 1,0 m              | CABLE-FCN40/4X14/1,0M/S7-OUT  | 2321185                   |
| 2,0 m              | CABLE-FCN40/4X14/2,0M/S7-OUT  | 2321198                   |
| 3,0 m              | CABLE-FCN40/4X14/3,0M/S7-OUT  | 2321208                   |
| 4,0 m              | CABLE-FCN40/4X14/4,0M/S7-OUT  | 2321211                   |
| 6,0 m              | CABLE-FCN40/4X14/6,0M/S7-OUT  | 2321224                   |
| 8,0 m              | CABLE-FCN40/4X14/8,0M/S7-OUT  | 2321237                   |
| 10 m               | CABLE-FCN40/4X14/10,0M/S7-OUT | 2321240                   |

**▶ 4 x 8 Input Kanäle anschaltbar /  
4 x 8 input channels can be connected**

| Länge /<br>length: | Bezeichnung / Description    | Bestellnr. /<br>Order No. |
|--------------------|------------------------------|---------------------------|
| 0,5 m              | CABLE-FCN40/4X14/0,5M/S7-IN  | 2321253                   |
| 1,0 m              | CABLE-FCN40/4X14/1,0M/S7-IN  | 2321266                   |
| 2,0 m              | CABLE-FCN40/4X14/2,0M/S7-IN  | 2321279                   |
| 3,0 m              | CABLE-FCN40/4X14/3,0M/S7-IN  | 2321282                   |
| 4,0 m              | CABLE-FCN40/4X14/4,0M/S7-IN  | 2321295                   |
| 6,0 m              | CABLE-FCN40/4X14/6,0M/S7-IN  | 2321305                   |
| 8,0 m              | CABLE-FCN40/4X14/8,0M/S7-IN  | 2321318                   |
| 10 m               | CABLE-FCN40/4X14/10,0M/S7-IN | 2321321                   |

**Standardlängen, nicht geschirmt / Standard lengths, non-shielded**

| Länge / length: | Bezeichnung / Description | Bestellnr. / Order No. |
|-----------------|---------------------------|------------------------|
| 0,3 m           | FLK 14/EZ-DR/ 30/KONFEK   | 2295729                |
| 0,5 m           | FLK 14/EZ-DR/ 50/KONFEK   | 2288901                |
| 1,0 m           | FLK 14/EZ-DR/100/KONFEK   | 2288914                |
| 1,5 m           | FLK 14/EZ-DR/150/KONFEK   | 2288927                |
| 2,0 m           | FLK 14/EZ-DR/200/KONFEK   | 2288930                |
| 2,5 m           | FLK 14/EZ-DR/250/KONFEK   | 2288943                |
| 3,0 m           | FLK 14/EZ-DR/300/KONFEK   | 2288956                |
| 3,5 m           | FLK 14/EZ-DR/350/KONFEK   | 2288969                |
| 4,0 m           | FLK 14/EZ-DR/400/KONFEK   | 2288972                |
| 4,5 m           | FLK 14/EZ-DR/450/KONFEK   | 2290847                |
| 5,0 m           | FLK 14/EZ-DR/500/KONFEK   | 2290834                |
| 5,5 m           | FLK 14/EZ-DR/550/KONFEK   | 2290850                |
| 6,0 m           | FLK 14/EZ-DR/600/KONFEK   | 2290863                |
| 8,0 m           | FLK 14/EZ-DR/800/KONFEK   | 2299563                |
| 10 m            | FLK 14/EZ-DR/1000/KONFEK  | 2299576                |

|       |                          |         |
|-------|--------------------------|---------|
| 0,5 m | FLK 40/EZ-DR/ 50/KONFEK  | 2288985 |
| 1,0 m | FLK 40/EZ-DR/100/KONFEK  | 2288998 |
| 1,5 m | FLK 40/EZ-DR/150/KONFEK  | 2289007 |
| 2,0 m | FLK 40/EZ-DR/200/KONFEK  | 2289010 |
| 2,5 m | FLK 40/EZ-DR/250/KONFEK  | 2289023 |
| 3,0 m | FLK 40/EZ-DR/300/KONFEK  | 2289036 |
| 3,5 m | FLK 40/EZ-DR/350/KONFEK  | 2289049 |
| 4,0 m | FLK 40/EZ-DR/400/KONFEK  | 2289052 |
| 6,0 m | FLK 40/EZ-DR/600/KONFEK  | 2299589 |
| 8,0 m | FLK 40/EZ-DR/800/KONFEK  | 2299592 |
| 10 m  | FLK 40/EZ-DR/1000/KONFEK | 2299602 |

|       |                          |         |
|-------|--------------------------|---------|
| 0,5 m | FLK 50/EZ-DR/ 50/KONFEK  | 2289065 |
| 1,0 m | FLK 50/EZ-DR/100/KONFEK  | 2289078 |
| 1,5 m | FLK 50/EZ-DR/150/KONFEK  | 2289081 |
| 2,0 m | FLK 50/EZ-DR/200/KONFEK  | 2289094 |
| 2,5 m | FLK 50/EZ-DR/250/KONFEK  | 2289104 |
| 3,0 m | FLK 50/EZ-DR/300/KONFEK  | 2289117 |
| 3,5 m | FLK 50/EZ-DR/350/KONFEK  | 2289120 |
| 4,0 m | FLK 50/EZ-DR/400/KONFEK  | 2289133 |
| 4,5 m | FLK 50/EZ-DR/450/KONFEK  | 2289573 |
| 5,0 m | FLK 50/EZ-DR/500/KONFEK  | 2289586 |
| 5,5 m | FLK 50/EZ-DR/550/KONFEK  | 2289599 |
| 6,0 m | FLK 50/EZ-DR/600/KONFEK  | 2289609 |
| 6,5 m | FLK 50/EZ-DR/650/KONFEK  | 2289612 |
| 7,0 m | FLK 50/EZ-DR/700/KONFEK  | 2289625 |
| 7,5 m | FLK 50/EZ-DR/750/KONFEK  | 2289638 |
| 8,0 m | FLK 50/EZ-DR/800/KONFEK  | 2289641 |
| 8,5 m | FLK 50/EZ-DR/850/KONFEK  | 2289654 |
| 9,0 m | FLK 50/EZ-DR/900/KONFEK  | 2289667 |
| 9,5 m | FLK 50/EZ-DR/950/KONFEK  | 2289670 |
| 10 m  | FLK 50/EZ-DR/1000/KONFEK | 2289683 |

|       |                               |         |
|-------|-------------------------------|---------|
| 0,5 m | FLK 50/4X14/EZ-DR/ 50/KONFEK  | 2296689 |
| 1,0 m | FLK 50/4X14/EZ-DR/ 100/KONFEK | 2296692 |
| 1,5 m | FLK 50/4X14/EZ-DR/ 150/KONFEK | 2296702 |
| 2,0 m | FLK 50/4X14/EZ-DR/ 200/KONFEK | 2296715 |
| 2,5 m | FLK 50/4X14/EZ-DR/ 250/KONFEK | 2305402 |
| 3,0 m | FLK 50/4X14/EZ-DR/ 300/KONFEK | 2296728 |
| 4,0 m | FLK 50/4X14/EZ-DR/ 400/KONFEK | 2296731 |
| 6,0 m | FLK 50/4X14/EZ-DR/ 600/KONFEK | 2296744 |
| 8,0 m | FLK 50/4X14/EZ-DR/ 800/KONFEK | 2296757 |
| 10 m  | FLK 50/4X14/EZ-DR/1000/KONFEK | 2296773 |

**Standardlängen, geschirmt / Standard lengths, shielded**

| Länge / length: | Bezeichnung / Description  | Bestellnr. / Order No. |
|-----------------|----------------------------|------------------------|
| 0,5 m           | FLK 14/EZ-DR/ 50/KONFEK/S  | 2296977                |
| 1,0 m           | FLK 14/EZ-DR/100/KONFEK/S  | 2296980                |
| 1,5 m           | FLK 14/EZ-DR/150/KONFEK/S  | 2296993                |
| 2,0 m           | FLK 14/EZ-DR/200/KONFEK/S  | 2297002                |
| 3,0 m           | FLK 14/EZ-DR/300/KONFEK/S  | 2299013                |
| 4,0 m           | FLK 14/EZ-DR/400/KONFEK/S  | 2299026                |
| 6,0 m           | FLK 14/EZ-DR/600/KONFEK/S  | 2299039                |
| 8,0 m           | FLK 14/EZ-DR/800/KONFEK/S  | 2299042                |
| 10 m            | FLK 14/EZ-DR/1000/KONFEK/S | 2299055                |

|       |                            |         |
|-------|----------------------------|---------|
| 0,5 m | FLK 50/EZ-DR/ 50/KONFEK/S  | 2299097 |
| 1,0 m | FLK 50/EZ-DR/100/KONFEK/S  | 2299107 |
| 1,5 m | FLK 50/EZ-DR/150/KONFEK/S  | 2299110 |
| 2,0 m | FLK 50/EZ-DR/200/KONFEK/S  | 2299123 |
| 3,0 m | FLK 50/EZ-DR/300/KONFEK/S  | 2299136 |
| 4,0 m | FLK 50/EZ-DR/400/KONFEK/S  | 2299149 |
| 6,0 m | FLK 50/EZ-DR/600/KONFEK/S  | 2299152 |
| 8,0 m | FLK 50/EZ-DR/800/KONFEK/S  | 2299165 |
| 10 m  | FLK 50/EZ-DR/1000/KONFEK/S | 2299178 |

**Standardlängen, halogenfrei / Standard lengths, halogen-free**

| Länge / length: | Bezeichnung / Description   | Bestellnr. / Order No. |
|-----------------|-----------------------------|------------------------|
| 0,5 m           | FLK 14/EZ-DR/HF/ 50/KONFEK  | 2305952                |
| 1,0 m           | FLK 14/EZ-DR/HF/100/KONFEK  | 2305965                |
| 1,5 m           | FLK 14/EZ-DR/HF/150/KONFEK  | 2305978                |
| 2,0 m           | FLK 14/EZ-DR/HF/200/KONFEK  | 2305981                |
| 2,5 m           | FLK 14/EZ-DR/HF/250/KONFEK  | 2305994                |
| 3,0 m           | FLK 14/EZ-DR/HF/300/KONFEK  | 2304759                |
| 4,0 m           | FLK 14/EZ-DR/HF/400/KONFEK  | 2304762                |
| 5,0 m           | FLK 14/EZ-DR/HF/500/KONFEK  | 2304717                |
| 6,0 m           | FLK 14/EZ-DR/HF/600/KONFEK  | 2306003                |
| 7,0 m           | FLK 14/EZ-DR/HF/700/KONFEK  | 2314011                |
| 8,0 m           | FLK 14/EZ-DR/HF/800/KONFEK  | 2314024                |
| 10 m            | FLK 14/EZ-DR/HF/1000/KONFEK | 2314037                |

|       |                           |         |
|-------|---------------------------|---------|
| 0,5 m | CABLE-FLK50/0,14/HF/ 0,5M | 2314134 |
| 1,0 m | CABLE-FLK50/0,14/HF/ 1,0M | 2314147 |
| 1,5 m | CABLE-FLK50/0,14/HF/ 1,5M | 2314150 |
| 2,0 m | CABLE-FLK50/0,14/HF/ 2,0M | 2314163 |
| 2,5 m | CABLE-FLK50/0,14/HF/ 2,5M | 2314176 |
| 3,0 m | CABLE-FLK50/0,14/HF/ 3,0M | 2314189 |
| 4,0 m | CABLE-FLK50/0,14/HF/ 4,0M | 2314192 |
| 5,0 m | CABLE-FLK50/0,14/HF/ 5,0M | 2314202 |
| 6,0 m | CABLE-FLK50/0,14/HF/ 6,0M | 2314215 |
| 7,0 m | CABLE-FLK50/0,14/HF/ 7,0M | 2314228 |
| 8,0 m | CABLE-FLK50/0,14/HF/ 8,0M | 2314231 |
| 10 m  | CABLE-FLK50/0,14/HF/10,0M | 2314244 |

**Hinweis:**  
VARIOFACE-Systemkabel sind auch in anderen Längen erhältlich. Weitere Informationen entnehmen Sie bitte dem Phoenix Contact-Katalog 7 oder [phoenixcontact.net/products](http://phoenixcontact.net/products).

**Note:**  
VARIOFACE system cable are also available with other lengths. For further information please see the Phoenix Contact catalog 7 or [phoenixcontact.net/products](http://phoenixcontact.net/products).

**SLC 500 Kabel / SLC 500 Cable**

| Länge / length: | Bezeichnung / Description  | BestellNr. / Order No. |
|-----------------|----------------------------|------------------------|
| 0,5 m           | FLK 40/EZ-DR/ 50/SLC       | 2294610                |
| 1,0 m           | FLK 40/EZ-DR/100/SLC       | 2294623                |
| 1,5 m           | FLK 40/EZ-DR/150/SLC       | 2294636                |
| 2,0 m           | FLK 40/EZ-DR/200/SLC       | 2294649                |
| 3,0 m           | FLK 40/EZ-DR/300/SLC       | 2294652                |
| 0,5 m           | FLK 40/4X14/EZ-DR/ 50/OB32 | 2296786                |
| 1,0 m           | FLK 40/4X14/EZ-DR/100/OB32 | 2298483                |
| 2,0 m           | FLK 40/4X14/EZ-DR/200/OB32 | 2298522                |
| 3,0 m           | FLK 40/4X14/EZ-DR/300/OB32 | 2298535                |
| 0,5 m           | FLK 40/4X14/EZ-DR/ 50/IB32 | 2296812                |
| 1,0 m           | FLK 40/4X14/EZ-DR/100/IB32 | 2296825                |
| 2,0 m           | FLK 40/4X14/EZ-DR/200/IB32 | 2296838                |
| 3,0 m           | FLK 40/4X14/EZ-DR/300/IB32 | 2296841                |

**OMRON Kabel / OMRON Cable**

| Länge / length: | Bezeichnung / Description     | BestellNr. / Order No. |
|-----------------|-------------------------------|------------------------|
| 1,0 m           | CABLE-FCN24/2X14/100/OMR-OUT  | 2304225                |
| 2,0 m           | CABLE-FCN24/2X14/200/OMR-OUT  | 2304238                |
| 1,0 m           | CABLE-FCN24/2X14/100/OMR-IN   | 2304241                |
| 2,0 m           | CABLE-FCN24/2X14/200/OMR-IN   | 2304254                |
| 1,0 m           | CABLE-FCN40/4X14/100/OMR-OUT  | 2304186                |
| 2,0 m           | CABLE-FCN40/4X14/200/OMR-OUT  | 2304199                |
| 1,0 m           | CABLE-FCN40/4X14/100/OMR-IN   | 2304209                |
| 2,0 m           | CABLE-FCN40/4X14/200/OMR-IN   | 2304212                |
| 1,0 m           | FLK 50/EZ-DR/FCN40/100/OMR-   | 2304144                |
| 2,0 m           | FLK 50/EZ-DR/FCN40/200/OMR-   | 2304157                |
| 1,0 m           | FLK 50/EZ-DR/FCN40/100/OMR-IN | 2304160                |
| 2,0 m           | FLK 50/EZ-DR/FCN40/200/OMR-IN | 2304173                |

**Melsec Q Kabel / Melsec Q Cable**

| Länge / length: | Bezeichnung / Description      | BestellNr. / Order No. |
|-----------------|--------------------------------|------------------------|
| 0,5 m           | CABLE-D37-M2,5/4X14/ 50/Y81P-O | 2302476                |
| 1,0 m           | CABLE-D37-M2,5/4X14/100/Y81P-O | 2302489                |
| 2,0 m           | CABLE-D37-M2,5/4X14/200/Y81P-O | 2302492                |
| 3,0 m           | CABLE-D37-M2,5/4X14/300/Y81P-O | 2302502                |
| 0,5 m           | CABLE-D37-M2,5/4X14/ 50/X81-I  | 2302515                |
| 1,0 m           | CABLE-D37-M2,5/4X14/100/X81-I  | 2302528                |
| 2,0 m           | CABLE-D37-M2,5/4X14/200/X81-I  | 2302531                |
| 3,0 m           | CABLE-D37-M2,5/4X14/300/X81-I  | 2302544                |
| 0,5 m           | FLK 50/EZ-DR/D37SUB/ 50/Y81P-O | 2302599                |
| 1,0 m           | FLK 50/EZ-DR/D37SUB/100/Y81P-O | 2302609                |
| 2,0 m           | FLK 50/EZ-DR/D37SUB/200/Y81P-O | 2302612                |
| 3,0 m           | FLK 50/EZ-DR/D37SUB/300/Y81P-O | 2302638                |
| 0,5 m           | FLK 50/EZ-DR/D37SUB/ 50/X81-I  | 2302641                |
| 1,0 m           | FLK 50/EZ-DR/D37SUB/100/X81-I  | 2302654                |
| 2,0 m           | FLK 50/EZ-DR/D37SUB/200/X81-I  | 2302667                |
| 3,0 m           | FLK 50/EZ-DR/D37SUB/300/X81-I  | 2302670                |

**Melsec L / Q und Honeywell ML 200 Kabel / Melsec L / Q and Honeywell ML 200 cable**

| Länge / length: | Bezeichnung / Description     | BestellNr. / Order No. |
|-----------------|-------------------------------|------------------------|
| 0,5 m           | CABLE-FCN40/1X50/ 0,5M/IM/MEL | 2903468                |
| 1,0 m           | CABLE-FCN40/1X50/ 1,5M/IM/MEL | 2903469                |
| 2,0 m           | CABLE-FCN40/1X50/ 2,0M/IM/MEL | 2903470                |
| 0,5 m           | CABLE-FCN40/1X50/ 0,5M/IP/MEL | 2903476                |
| 1,0 m           | CABLE-FCN40/1X50/ 1,5M/IP/MEL | 2903477                |
| 2,0 m           | CABLE-FCN40/1X50/ 2,0M/IP/MEL | 2903478                |
| 0,5 m           | CABLE-FCN40/4x14/ 0,5M/IM/MEL | 2903502                |
| 1,0 m           | CABLE-FCN40/4x14/ 1,5M/IM/MEL | 2903503                |
| 2,0 m           | CABLE-FCN40/4x14/ 2,0M/IM/MEL | 2903504                |

**MODICON M340 Kabel / MODICON M340 Cable**

| Länge / length: | Bezeichnung / Description  | BestellNr. / Order No. |
|-----------------|----------------------------|------------------------|
| 0,5 m           | CABLE-FCN40/1X50/0,5M/M340 | 2321635                |
| 1,5 m           | CABLE-FCN40/1X50/1,0M/M340 | 2321648                |
| 2,0 m           | CABLE-FCN40/1X50/2,0M/M340 | 2321651                |
| 0,5 m           | CABLE-FCN40/4X14/0,5M/M340 | 2321716                |
| 1,0 m           | CABLE-FCN40/4X14/1,0M/M340 | 2321729                |
| 2,0 m           | CABLE-FCN40/4X14/2,0M/M340 | 2321732                |

**Systemkabel für MINI Analog / System cable for MINI Analog**

| Länge / length: | Bezeichnung / Description | BestellNr. / Order No. |
|-----------------|---------------------------|------------------------|
| 0,5 m           | FLK 16/EZ-DR/ 50/KONFEK   | 2299291                |
| 1,0 m           | FLK 16/EZ-DR/100/KONFEK   | 2299301                |
| 1,5 m           | FLK 16/EZ-DR/150/KONFEK   | 2299314                |
| 2,0 m           | FLK 16/EZ-DR/200/KONFEK   | 2299327                |

**Systemkabel für AXIOLINE / System cable for AXIOLINE**

| Länge / length: | Bezeichnung / Description    | BestellNr. / Order No. |
|-----------------|------------------------------|------------------------|
| 0,5 m           | VIP-CAB-FLK14/AXIO/0,14/0,5M | 2901604                |
| 1,0 m           | VIP-CAB-FLK14/AXIO/0,14/1,0M | 2901605                |
| 1,5 m           | VIP-CAB-FLK14/AXIO/0,14/1,5M | 2901606                |
| 2,0 m           | VIP-CAB-FLK14/AXIO/0,14/2,0M | 2901607                |

**Hinweis:**  
VARIOFACE-Systemkabel sind auch in anderen Längen erhältlich. Weitere Informationen entnehmen Sie bitte dem Phoenix Contact-Katalog 7 oder phoenixcontact.net/products.

**Note:**  
VARIOFACE system cable are also available with other lengths. For further information please see the Phoenix Contact catalog 7 or phoenixcontact.net/products.

**PLC-Universal-Baureihe**

Die Universal-Baureihe ist als Ein- oder Ausgabeinterface einsetzbar. Sie besteht aus einer Grundklemme mit steckbarem Miniaturrelais (Wechslerkontakt) oder mit steckbarem Solid-State-Relais.

**PLC Universal Series**

The universal series can be used either as an input or output interface. It comprises a basic terminal block with pluggable miniature relay (PDT contact) or pluggable solid state relay.



**PLC-Aktor-Baureihe**

Bei Anwendungen als Schnittstelle zwischen SPS und Aktoren, wie Motoren, Schützen und Magnetventilen, wird meist nur eine Schließerfunktion benötigt. Eingesetzt wird hier das Ausgabeinterface PLC...ACT. Alle Anschlüsse der Aktoren, also auch der Lastrückleiter, werden direkt angeschlossen. Damit entfallen zusätzliche Abgangsklemmen.

**PLC Actuator Series**

In interface applications between the PLC and the actuators, such as motors, contactors or solenoid valves, often only an N/O function is required. The PLC-...ACT output interface is used here. All the actuator connections, including the load return line, are connected directly. This eliminates the need for additional output terminal blocks.



**PLC-Sensor-Baureihe**

Bei Anwendungen als Schnittstelle zwischen SPS und Sensoren, wie Näherungsschalter, Endschaltern oder Hilfskontakten, wird meist nur eine Schließerfunktion benötigt. Eingesetzt wird hier das Eingabeinterface PLC...SEN. Alle Anschlüsse der Sensoren, also auch die Einspeisung der Versorgungsspannung für die Sensoren/Schalter, werden direkt angeschlossen. Damit entfallen zusätzliche Reihenklemmen.

**PLC Sensor Series**

In interface applications between the PLC and the sensors, such as proximity switches, limit switches or auxiliary contacts, often only an N/O function is required. The PLC-...SEN input interface is used here. All the sensor connections, including the voltage supply for the sensors/switches, are connected directly. This eliminates the need for additional modular terminal blocks.



**Anschlussart: / Connection method:**  
 - Schraubanschluss / Screw connection  
 - Zugfederanschluss / Spring-cage connection  
 - Push-in-Anschluss / Push-in connection

Baureihe / Series

Universal

Aktor / Actuator

Sensor<sup>1)</sup>

| Funktion / Function             | Kontakt / Contact type                                | Eingang / Input                                       | Ausgang / Output                                      | Bezeichnung / Description |                                |                             |
|---------------------------------|---|---|---|---------------------------|--------------------------------|-----------------------------|
| Relais / Relay                  | 1 Wechsler / 1 PDT                                    | 24 V DC   | 250 V AC/DC / 6 A                                     | PLC-R...-24DC/21          |                                |                             |
|                                 |   | 24 V DC   | 250 V AC/DC / 10 A                                    | PLC-R...-24DC/21HC        |                                |                             |
|                                 |   | 12 V DC   | 30 V AC/36 V DC / 50 mA                               | PLC-R...-12DC/21AU        |                                |                             |
|                                 |   | 24 V DC   | 30 V AC/36 V DC / 50 mA                               | PLC-R...-24DC/21AU        |                                |                             |
|                                 |   | 24 V AC/DC  | 30 V AC/36 V DC / 50 mA                               | PLC-R...-24UC/21AU        |                                |                             |
|                                 |   | 48 V DC   | 30 V AC/36 V DC / 50 mA                               | PLC-R...-48DC/21AU        |                                |                             |
|                                 |   | 60 V DC   | 30 V AC/36 V DC / 50 mA                               | PLC-R...-60DC/21AU        |                                |                             |
|                                 |   | 120 V AC/DC   | 30 V AC/36 V DC / 50 mA                               | PLC-R...-120UC/21AU       |                                |                             |
|                                 |   | 230 V AC/DC   | 30 V AC/36 V DC / 50 mA                               | PLC-R...-230UC/21AU       |                                |                             |
|                                 |   | 120 V AC  | 30 V AC/36 V DC / 50 mA <sup>2)</sup>                 | PLC-B...-120UC/21/SO46    |                                |                             |
|                                 |   | 230 V AC  | 30 V AC/36 V DC / 50 mA <sup>2)</sup>                 | PLC-B...-230UC/21/SO46    |                                |                             |
|                                 |   | 2 Wechsler / 2 PDTs                                   | 24 V DC   | 250 V AC/DC / 6 A         | PLC-R...-24DC/21-21            |                             |
|                                 |   |   | 24 V DC   | 30 V AC/DC / 50 mA        | PLC-R...-24DC/21-21AU          |                             |
|                                 |   | Relais-Schalter / Relay Switch                        | 1 Schließer / 1 N/O contact                           | 24 V AC/DC                | 250 V AC/DC / 6 A              | PLC-R...-24UC/1/S/H         |
| 24 V AC/DC                      | 250 V AC/DC / 6 A                                     |   |   | PLC-R...-24UC/1/S/L       |                                |                             |
| Optokoppler / Solid-state relay | 1 Schließer, elektronisch / 1 N/O contact, electronic | 24 V DC   | 24 V DC / 3 A   | PLC-O...-24DC/24DC/2      |                                |                             |
|                                 |   | 24 V DC   | 24 V DC / 10 A  | PLC-O...-24DC/24DC/10/R   |                                |                             |
|                                 |   | 24 V DC   | 250 V AC / 0,75 A                                     | PLC-O...-24DC/230AC/1     |                                |                             |
|                                 |   | 24 V DC   | 300 V DC / 1 A  | PLC-O...-24DC/300DC/1     |                                |                             |
|                                 |   | 24 V DC   | 48 V DC / 100 mA                                      | PLC-O...-24DC/48DC/100    |                                |                             |
|                                 |   | 48 V DC   | 48 V DC / 100 mA                                      | PLC-O...-48DC/48DC/100    |                                |                             |
|                                 |   | 60 V DC   | 48 V DC / 100 mA                                      | PLC-O...-60DC/48DC/100    |                                |                             |
|                                 |   | 120 V AC/DC   | 48 V DC / 100 mA                                      | PLC-O...-120UC/48DC/100   |                                |                             |
|                                 |   | 230 V AC/DC   | 48 V DC / 100 mA                                      | PLC-O...-230UC/48DC/100   |                                |                             |
|                                 |   | NAMUR   | 24 V DC / 50 mA                                       | PLC-...-EIK 1-SVN 24P/P   |                                |                             |
|                                 |   | 120 V AC  | 48 V DC / 100 mA <sup>3)</sup>                        | PLC-B...-120UC/21/SO46    |                                |                             |
|                                 |   | 230 V AC  | 48 V DC / 100 mA <sup>3)</sup>                        | PLC-B...-230UC/21/SO46    |                                |                             |
|                                 |   | 1 Wechsler, elektronisch / 1 PDT, electronic          | 24 V DC   | 48 V DC / 0,5 A           | PLC-O...-24DC/48DC/500/W       |                             |
|                                 |   | Durchgang / Feed-Through                              | -   | 250 V AC/DC               | 250 V AC/DC                    | PLC-VT                      |
| 24 V DC                         | 24 V DC   |   |   | PLC-VT/LA                 |                                |                             |
| Relais / Relay                  | 1 Schließer / 1 N/O contact                           | 24 V DC   | 250 V AC/DC / 6 A                                     | PLC-R...-24DC/1/ACT       |                                |                             |
|                                 |   | 24 V DC   | 250 V AC/DC / 10 A (80 A; 20 ms)                      | PLC-R...-24DC/11C/ACT     |                                |                             |
|                                 | 2 Schließer / 2 N/O contacts                          | 24 V DC   | 250 V AC/DC / 6 A                                     | PLC-RSC-24DC/1-1/ACT      |                                |                             |
|                                 |   | 24 V DC   | 24 V DC / 3 A   | PLC-O...-24DC/24DC/2/ACT  |                                |                             |
|                                 | Optokoppler / Solid-state relay                       | 1 Schließer, elektronisch / 1 N/O contact, electronic | 24 V DC   | 24 V DC / 5 A             | PLC-OSC-24DC/24DC/5/ACT        |                             |
|                                 |   |   | 24 V DC   | 250 V AC / 0,75 A         | PLC-OSC-24DC/230AC/1/ACT       |                             |
|                                 |   |   | 24 V DC   | 250 V AC / 2 A            | PLC-OSC-24DC/230AC/2/ACT       |                             |
|                                 |   |   | 24 V DC   | 250 V AC/DC               | PLC-VT/ACT                     |                             |
| Durchgang / Feed-Through        | -   | 250 V AC/DC   | 250 V AC/DC   | PLC-VT/ACT/LA             |                                |                             |
|                                 |   | 24 V DC   | 24 V DC   | PLC-VT/ACT/LA             |                                |                             |
| Relais / Relay                  | 1 Schließer / 1 N/O contact                           | 24 V DC   | 30 V AC/36 V DC / 50 mA                               | PLC-R...-24DC/1AU/SEN     |                                |                             |
|                                 |   | 120 V AC/DC   | 30 V AC/36 V DC / 50 mA                               | PLC-R...-120UC/1AU/SEN    |                                |                             |
|                                 |   | 230 V AC/DC   | 30 V AC/36 V DC / 50 mA                               | PLC-R...-230UC/1AU/SEN    |                                |                             |
|                                 |   | 120 V AC  | 30 V AC/36 V DC / 50 mA <sup>2)</sup>                 | PLC-B...-120UC/1/SEN/SO46 |                                |                             |
|                                 |   | 230 V AC  | 30 V AC/36 V DC / 50 mA <sup>2)</sup>                 | PLC-B...-230UC/1/SEN/SO46 |                                |                             |
|                                 |   | Optokoppler / Solid-state relay                       | 1 Schließer, elektronisch / 1 N/O contact, electronic | 24 V DC                   | 48 V DC / 100 mA               | PLC-O...-24DC/48DC/100/SEN  |
|                                 |   |   |   | 120 V AC/DC               | 48 V DC / 100 mA               | PLC-O...-120UC/48DC/100/SEN |
|                                 |   |   |   | 230 V AC/DC               | 48 V DC / 100 mA               | PLC-O...-230UC/48DC/100/SEN |
|                                 |   |   |   | 120 V AC                  | 48 V DC / 100 mA <sup>3)</sup> | PLC-B...-120UC/1/SEN/SO46   |
|                                 |   |   |   | 230 V AC                  | 48 V DC / 100 mA <sup>3)</sup> | PLC-B...-230UC/1/SEN/SO46   |

**Anschlussart: / Connection method:**  
 PLC-R...  
 SC ≙ Schraube / Screw  
 SP ≙ Zugfeder / Spring-cage  
 PT ≙ Push-in

| Katalog 7-2013<br>Catalog 7-2013 | Schraube / Srew       | Zugfeder / Spring-cage | Push-in               | PLC-V8...OUT/(M) | PLC-V8...IN/(M) | PLC-V8L...OUT/(M) |
|----------------------------------|-----------------------|------------------------|-----------------------|------------------|-----------------|-------------------|
| 322                              | 2966171               | 2966472                | 2900299               | X                |                 |                   |
| 333                              | 2967620               | 2912277                | 2900291               |                  |                 | X                 |
|                                  | 2966919               | 2967442                | 2900317               |                  | X               |                   |
| 323                              | 2966265               | 2966540                | 2900306               | X                | X               |                   |
| 323                              | 2966278               | 2966553                | 2900307               | X                | X               |                   |
| 323                              | 2966126               | 2966566                | 2900308               |                  | X               |                   |
| 323                              | 2966142               | 2966579                | 2900309               |                  | X               |                   |
| 323                              | 2966281               | 2966582                | 2900310               |                  | X               |                   |
| 323                              | 2966294               | 2966647                | 2900311               |                  | X               |                   |
| 334                              | 2980319 <sup>4)</sup> | 2980351 <sup>4)</sup>  | 2900453 <sup>4)</sup> |                  | X               |                   |
| 334                              | 2980335 <sup>4)</sup> | 2980377 <sup>4)</sup>  | 2900455 <sup>4)</sup> |                  | X               |                   |
| 323                              | 2967060               | 2912507                | 2900330               |                  |                 | X                 |
| 323                              | 2967125               | 2912578                | 2900338               |                  |                 | X                 |
| 350                              | 2982236               | 2982249                | 2900328               | X                |                 |                   |
| 350                              | 2834876               | 2834889                | 2900327               | X                |                 |                   |
| 325                              | 2966634               | 2967471                | 2900364               | X                |                 |                   |
| 353                              | 2982702               | 2982715                | 2900398               | X                |                 |                   |
| 325                              | 2967840               | 2967895                | 2900369               | X                |                 |                   |
| 352                              | 2980678               | 2980830                | 2900383               | X                |                 |                   |
| 324                              | 2966728               | 2967549                | 2900352               | X                | X               |                   |
| 324                              | 2966993               | 2967743                | 2900353               |                  | X               |                   |
| 324                              | 2967455               | 2967756                | 2900354               |                  | X               |                   |
| 324                              | 2966744               | 2967552                | 2900355               |                  | X               |                   |
| 324                              | 2966757               | 2967565                | 2900356               |                  | X               |                   |
| 364                              | 2982663               | 2982676                | 2900397               |                  | X               |                   |
| 334                              | 2980319 <sup>4)</sup> | 2980351 <sup>4)</sup>  | 2900453 <sup>4)</sup> |                  | X               |                   |
| 334                              | 2980335 <sup>4)</sup> | 2980377 <sup>4)</sup>  | 2900455 <sup>4)</sup> |                  | X               |                   |
| 353                              | 2980636               | 2980649                | 2900378               | X                |                 |                   |
| 486                              | 2296870               | -                      | -                     | X                | X               |                   |
| 486                              | 2296854               | -                      | -                     | X                | X               |                   |
| 326                              | 2966210               | 2967345                | 2900312               | X                |                 |                   |
| 332                              | 2967604               | 2912413                | 2900298               |                  |                 | X                 |
| 327                              | 2967109               |                        |                       |                  |                 | X                 |
| 327                              | 2966676               | 2967507                | 2900376               | X                |                 |                   |
| 328                              | 2982786               | -                      | -                     |                  |                 | X                 |
| 327                              | 2967947               | -                      | -                     | X                |                 |                   |
| 328                              | 2982760               | -                      | -                     |                  |                 | X                 |
| 487                              | 2295567               | -                      | -                     | X                |                 |                   |
| 487                              | 2296867               | -                      | -                     | X                |                 |                   |
| 330                              | 2966317               | 2967374                | 2900313               |                  |                 | X                 |
| 330                              | 2966320               | 2967390                | 2900314               |                  |                 | X                 |
| 330                              | 2966333               | 2967413                | 2900315               |                  |                 | X                 |
| 335                              | 2980322 <sup>4)</sup> | 2980364 <sup>4)</sup>  | 2900456 <sup>4)</sup> | X                |                 |                   |
| 335                              | 2980348 <sup>4)</sup> | 2980380 <sup>4)</sup>  | 2900457 <sup>4)</sup> | X                |                 |                   |
| 331                              | 2966773               | 2967578                | 2900358               |                  | X               |                   |
| 331                              | 2966799               | 2967581                | 2900359               |                  | X               |                   |
| 331                              | 2966809               | 2967594                | 2900361               |                  | X               |                   |
| 335                              | 2980322 <sup>4)</sup> | 2980364 <sup>4)</sup>  | 2900456 <sup>4)</sup> | X                |                 |                   |
| 335                              | 2980348 <sup>4)</sup> | 2980380 <sup>4)</sup>  | 2900457 <sup>4)</sup> | X                |                 |                   |

<sup>1)</sup> Nicht mischbar mit der Universal-Baureihe (innerhalb eines Bytes)  
<sup>1)</sup> cannot be mixed with the universal series (within a byte)

<sup>2)</sup> Steckbarer Miniaturrelaisensatz: REL-MR-60DC/21AU, 2961134  
<sup>2)</sup> Pluggable miniature relays: REL-MR-60DC/21AU, 2961134

<sup>3)</sup> Steckbarer Solid-State-Relaisensatz: OPT-60DC/48DC/100, 2966621  
<sup>3)</sup> Pluggable solid-state relays: OPT-60DC/48DC/100, 2966621

<sup>4)</sup> PLC-...SO46 wird als Grundklemme mit Filter, aber ohne Relais- oder Solid-State-Relais-Bestückung geliefert.  
<sup>4)</sup> PLC-...SO46 is supplied as a basic terminal block with filter, but without relay or solid-state relay.

PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstraße 8  
32825 Blomberg, Deutschland  
Phone: +49 (0) 52 35/3-00  
Fax: +49 (0) 52 35/3-4 12 00  
E-Mail: [info@phoenixcontact.com](mailto:info@phoenixcontact.com)  
[phoenixcontact.com](http://phoenixcontact.com)

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INSPIRING INNOVATIONS





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Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

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### Наши контакты:

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331