



## 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. | 323-1BL00-0A00 | 326-1BK02-0AB0 <sup>3)</sup> | 326-1RF00-0AB0 <sup>3)</sup> | 326-2BF01-0AB0 <sup>3)</sup> | 326-2BF10-0AB0 <sup>3)</sup> | 331-1KF01-0AB0 | 331-7HF01-0AB0 | 331-7KB02-0AB0 | 331-7NF00-0AB0 | 331-7NF10-0AB0 | 331-7PF01-0AB0 | 331-7PFF1-0AB0 | 331-7TF01-0AB0 | 332-5HD01-0AB0 | 332-5HB01-0AB0 | 332-5HF00-0AB0 | 332-7ND02-0AB0 | 332-8TF01-0AB0 |  |  |  |
|---------------------------|-------------------------------|------------------------------------|---------------------------|----------------|------------------------------|------------------------------|------------------------------|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| 32 Kanäle / 32 channels   | passiv / passive              | VIP-PA-FLK50/...M/S7 <sup>1)</sup> | 448                       | Seite/page 50  | X                            |                              |                              |                              | X              |                | X              | X              | 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        | X                            |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           |                               | VIP-2/PT/FLK50/PLC                 | 471                       | 2903803        | X                            |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           |                               | VIP-2/SC/FLK50/LED/PLC             | 471                       | 2322252        | X                            |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           |                               | VIP-2/PT/FLK50/LED/PLC             | 471                       | 2904280        | X                            |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           |                               | FLKM 50/32M/PLC                    | 477                       | 2289719        | X                            |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           |                               | FLKM 50/32P/PLC                    | 477                       | 2291121        | X                            |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           |                               | FLKMS 50/32IM/PLC                  | 480                       | 2284523        | X                            |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           |                               | FLKMS 50/32IM/LA/PLC               | 480                       | 2284510        | X                            |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           | FLKMS 50/32IM/ZFKDS/PLC       | 480                                | 2901389                   | X              |                              |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           | FLKM 50/KDS 3-MT/PPA/PLC      | 482                                | 2290614                   | X              |                              |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           | FLKM50/32M/SI/PLC             | 478                                | 2294490                   | X              |                              |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           | VIP-2/SC/FLK50 (1-40) /S7     | 472                                | 2315243                   | 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              |                |  |  |  |
|                           | FLKM 50/KDS3-MT/PPA/S7-300    | 482                                | 2304490                   | X              |                              |                              |                              |                              |                | X              |                | X              | X              | X              | X              |                |                |                |                | X              |                |  |  |  |
|                           | UMK-32RM/MR-G24/1/PLC         | 492                                | 2979472                   | X              |                              |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           | UM-32RM/RT-G24/21/PLC         | 493                                | 2968373                   | X              |                              |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           | UMK-16RM/KSR-G24/21/PLC       | 495                                | 2979498                   | X              |                              |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           | UMK-16RM/KSR-G24/21/E/PLC     | 495                                | 2979508                   | X              |                              |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           | UM-16RELS/KSR-G24/21/MT/PLC   | 497                                | 2962382                   | X              |                              |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
|                           | UM-16RELS/KSR-G24/21/E/MT/PLC | 497                                | 2962379                   | X              |                              |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |
| UM 32RM/KSR-G24/21/MS/PLC | 498                           | 2900891                            | X                         |                |                              |                              |                              |                              |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |  |

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

<sup>1)</sup> Frontadapter mit integriertem Systemkabel  
<sup>1)</sup>Front adapter with integrated system cable

<sup>3)</sup> Siehe Seite 38/39  
<sup>3)</sup> See page 38/39

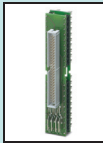


|                           |                            | Katalog 7-2013<br>Catalog 7-2013   | Bestellnr./<br>Order No. | 334-OCE01-0AA0 | 334-OKE00-0AB0 | 335-7HG01-0AB0 | 336-1HE00-0AB0 <sup>4)</sup> | 336-4GE00-0AB0 <sup>4)</sup> | 338-4ABC01-0AB0 | 350-1AH03-0AEO | 350-2AH01-0AEO | 351-1AH01-0AEO | 352-1AH02-0AEO | 353-1AH01-0AEO | 354-1AH01-0AEO | 355-0VH10-0AEO | 355-1VH10-0AEO | 357-4AH01-0AEO |   |  |
|---------------------------|----------------------------|------------------------------------|--------------------------|----------------|----------------|----------------|------------------------------|------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|--|
| 32 Kanäle / 32 channels   | passiv / passive           | VIP-PA-FLK50/...M/S7 <sup>1)</sup> | 448                      | Seite/page 50  |                |                |                              |                              |                 |                |                |                |                |                |                |                |                |                |   |  |
|                           |                            | 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        |                |                |                              |                              |                 |                |                |                |                |                |                |                |                |                |   |  |
|                           |                            | 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 |  |
|                           | VIP-2/PT/FLK50 (1-40) /S7  | 472                                | 2903804                  |                |                |                |                              |                              |                 |                | X              |                |                |                |                |                |                |                | X |  |
|                           | FLKM 50/KDS3-MT/PPA/S7-300 | 482                                | 2304490                  |                |                |                |                              |                              |                 |                | X              |                |                |                |                |                |                |                | X |  |
|                           | aktiv / active             | 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                  |                |                |                |                              |                              |                 |                |                |                |                |                |                |                |                |                |   |  |

|                       |                            | Katalog 7-2013<br>Catalog 7-2013     | Bestellnr./<br>Order No. | 334-OCE01-0AA0 | 334-OKE00-0AB0 | 335-7HG01-0AB0 | 336-1HE00-0AB0 <sup>4)</sup> | 336-4GE00-0AB0 <sup>4)</sup> | 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 |   |  |
|-----------------------|----------------------------|--------------------------------------|--------------------------|----------------|----------------|----------------|------------------------------|------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|--|
| 8 Kanäle / 8 channels | passiv / passive           | VIP-PA-FLK14/...M/S7 <sup>1)</sup>   | 449                      | Seite/page 50  | X              | X              | X                            |                              |                 | X              | X              | X              | X              | X              | X              | X              | X              | X              |   |  |
|                       |                            | VIP-PA-FLK4X14/...M/S7 <sup>1)</sup> | 449                      | Seite/page 50  |                |                |                              |                              |                 |                |                |                |                |                |                |                |                |                |   |  |
|                       |                            | 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             | 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                              |                          |                |                |                |                              |                              |                 |                |                |                |                |                |                |                |                |                |   |  |

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

4) Siehe Seite 40/41  
 4) See page 40/41



Bezeichnung / Description

Katalog 7-2013  
Catalog 7-2013

Bestellnr. /  
Order No.

CPU 312C

CPU 313C

CPU 313C-2DP

CPU 313C-2PP

CPU 314C-2DP

CPU 314C-2PP

321-1BH50-0AA0

321-1BH01-0AB0

321-1BH02-0AA0

321-1BH10-0AA0

321-1BL00-0AA0

321-1BP00-0AA0<sup>2)</sup>

322-1BH01-0AA0

322-1BH10-0AA0

322-1BP00-0AA0

322-1BP50-0AA0

322-8BF00-0AB0

322-8BH01-0AB0

322-8BH10-0AB0

322-1BL00-0AA0

323-1BH01-0AA0

32 Kanäle / 32 channels

passiv / passive

aktiv / active

Table with 32 channels, listing various PLC models and their compatibility with different CPU types. Rows include models like FLKM 50-PA-S300, VIP-2/SC/FLK50/PLC, and UM 45-16RM/MR-G24/1/PLC.

8 Kanäle / 8 channels

passiv / passive

aktiv / active

Table with 8 channels, listing various PLC models and their compatibility with different CPU types. Rows include models like FLKM 14-PA-S300, VIP-2/SC/2FLK14 (1-20) /S7, and UM 45-8RM/MR-G24/1/PLC.

<sup>2)</sup> Pluslesender Betrieb  
<sup>2)</sup> Sinking mode







|                           |  | Katalog 7-2013<br>Catalog 7-2013 | Bestellnr. /<br>Order No. |  |  |  |  |   |   |   |   |   |   |
|---------------------------|--|----------------------------------|---------------------------|--|--|--|--|---|---|---|---|---|---|
| Bezeichnung / Description |  |                                  |                           |  |  |  |  |   |   |   |   |   |   |
| <b>8 Kanäle/channels</b>  | FLKM 16-PA-S300/MINI-MCR   | 454                              | 2314749                   |  |  |  |  | X | X | X | X | X |   |
|                           | FLKM 16-PA-331-1KF//MINI-MCR*  | 455                              | 2318237                   |  |  |  |  | X |   |   |   |   |   |
|                           | FLKM 16-PA-332-5HF//MINI-MCR*  | 455                              | 2318240                   |  |  |  |  |   |   |   |   | X |   |
|                           | FLK 16/EZ-DR/...KONFEK   | 506                              | Seite/page 55             |  |  |  |  | X | X | X | X | X | X |
|                           | MINI MCR-SL-V8-FLK16-A   | 94                               | 2811268                   |  |  |  |  | X | X | X | X | X | X |
| <b>passiv / passive</b>   | Diese Module sind ausschließlich einsetzbar zur Systemverkabelung von MINI Analog-Modulen!<br><br>These modules must only be used for system cabling of MINI Analog modules! |                                  |                           |  |  |  | * Für diese Baugruppen ist ausschließlich die Messart „Strom“ möglich.<br>* These assemblies can only be used in "current" measuring mode. |   |   |   |   |   |   |

**MINI Analog-Module /  
MINI Analog Modules**

|   |   | Katalog 7-2013<br>Catalog 7-2013  | Bestellnr. /<br>Order No.                                      |  |                      |         |         |   |   |   |   |   |
|---|---|---|--|--|----------------------|---------|---------|---|---|---|---|---|
| Funktion /<br>Function  | Eingang /<br>Input  | Ausgang /<br>Output   | Schraubanschluss /<br>Screw connection                         |  |                      |         |         |   |   |   |   |   |
| <b>Analog IN / Analog OUT</b>   | Konfigurierbarer 3-Wege-Trennverstärker / Configurable 3-way isolation amplifier    | 0(4)...20 mA / 0(1)...5 V / 0(2)...10 V   | 0(4)...20 mA / 0(1)...5 V / 0(2)...10 V                        | MINI MCR-SL-UI-UI  | 66                   | 2864383 | X       | X | X | X | X | X |
|   | Normsignal 3-Wege-Trennverstärker / Standard signal 3-way isolation amplifier       | 0...10 V  | 0...20 mA  | MINI MCR-SL-U-I-0  | 71                   | 2813512 | X       | X | X | X |   |   |
|   |   | 0...10 V  | 4...20 mA  | MINI MCR-SL-U-I-4  | 71                   | 2813525 | X       | X | X | X |   |   |
|   |   | 0...20 mA   | 0...10 V   | MINI MCR-SL-U-I-0  | 71                   | 2813541 | X       | X | X | X | X |   |
|   |   | 4...20 mA   | 0...10 V   | MINI MCR-SL-I-U-4  | 71                   | 2813538 | X       | X | X | X | X |   |
|   | Konfigurierbarer Signalverdoppler / Configurable signal duplicator                  | 0(4)...20 mA / 0...10 V/1...5 V   | 2x 0(4)...20 mA  | MINI MCR-SL-UI-2I  | 72                   | 2864794 | X       | X | X | X | X | X |
|   |   |   |  | MINI MCR-SL-UI-2I-NC   | 72                   | 2864176 | X       | X | X | X | X | X |
|   | Speisetrenner / Repeater power supply   | 0(4)...20 mA  | 0(4)...20 mA   | MINI MCR-SL-RPS-I-I  | 73                   | 2864422 | X       | X | X | X | X | X |
|   | Speisetrenner HART / Repeater power supply with HART                                | 0(4)...20 mA  | 0(4)...20 mA   | MINI MCR-SL-RPSS-I-I   | 73                   | 2864079 | X       | X | X | X | X | X |
|   | Passivtrenner einkanalig / One channel passive loop-powered isolator                | 0(4)...20 mA  | 0(4)...20 mA   | MINI MCR-SL-1CP-I-I  | 74                   | 2864419 | X       | X | X | X | X | X |
|   | Konfigurierbarer 3-Wege-Trennverstärker / Configurable 3-way isolation amplifier    | 0...50 mV bis / to 0...3 V ± 50 mV bis / to ± 3 V                                       | 0(4)...20 mA / 0(1)...5 V / 0(2)...10 V                        | MINI MCR-SL-SHUNT-UI   | 68                   | 2810858 | X       | X | X | X |   |   |
|   |   |   | -5...5 V / -10...10 V  | MINI MCR-SL-SHUNT-UI-NC  | 68                   | 2810780 | X       | X | X | X |   |   |
|   | <b>Temperature</b>  | Konfigurierbarer Temperaturmessumformer / Configurable temperature measuring transducer | Pt 100: -150...+850 °C<br>2-, 3-, 4-Leiter / wire              | 0(4)...20 mA / 20...0(4) mA / 0(1)...5 V / 0...10 V / 10...0 V | MINI MCR-SL-PT100-UI | 78      | 2864435 | X | X | X | X | X |
| Pt 100: -50...+200 °C<br>2-, 3-, 4-Leiter / wire  |   |   | 0(4)...20 mA / 20...0(4) mA / 0(1)...5 V / 0...10 V / 10...0 V | MINI MCR-SL-PT100-UI-NC  | 78                   | 2864273 | X       | X | X | X | X |   |
| Konfigurierbarer Loop-powered Temperaturmessumformer / Configurable loop-powered temperature measuring transducer |   | Pt 100: -150...+300 °C<br>2-, 3-, 4-Leiter / wire                                       | 4...20 mA / 20...4mA   | MINI MCR-SL-PT100-UI-200                                       | 77                   | 2864309 | X       | X | X | X | X |   |
|   |   |   |  | MINI MCR-SL-PT100-UI-200-NC                                    | 77                   | 2864370 | X       | X | X | X | X |   |
| Konfigurierbarer Temperaturmessumformer / Configurable temperature measuring transducer                           | Thermoelement / Thermo couple<br>Type J: -150...+1200 °C<br>Type K: -150...+1350 °C | 0(4)...20 mA / 20...0(4) mA / 0(1)...5 V / 0...10 V / 10...0 V                          | MINI MCR-SL-TC-UI  | 81   | 2864448              | X       | X       | X | X | X |   |   |
|   |   |   | MINI MCR-SL-TC-UI-NC   | 81   | 2864299              | X       | X       | X | X | X |   |   |
| <b>Potentiometer</b>  | Konfigurierbarer Potipositionsmessumformer / Configurable potiposition transducer   | 100 Ω ... 100 kΩ  | 0(4)...20 mA / 20...0(4) mA / 0(1)...5 V / 0...10 V / 10...0 V | MINI MCR-SL-R-UI   | 84                   | 2864095 | X       | X | X | X | X |   |

**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 Schließfunktion 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 Schließfunktion 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                            | Funktion / Function             | Kontakt / Contact type                                | Eingang / Input                                       | Ausgang / Output                      | Bezeichnung / Description                             | Anschlussart: / Connection method: PLC-R... | Katalog 7-2013 / Catalog 7-2013  | Schraube / Screw      | Zugfeder / Spring-cage | Push-in               | PLC-V8... OUT/(M) | PLC-V8... IN/(M) | PLC-V8L... OUT/(M) |                       |                             |              |
|--|---------------------------------|---|---|---------------------------------------|---|---|----------------------------------|-----------------------|------------------------|-----------------------|-------------------|------------------|--------------------|-----------------------|-----------------------------|--------------|
|  |                                 |   |   |                                       |   |   |                                  |                       |                        |                       |                   |                  |                    | SC ≙ Schraube / Screw | SP ≙ Zugfeder / Spring-cage | PT ≙ Push-in |
| Universal                                    | Relais / Relay                  | 1 Wechsler / 1 PDT                                    | 24 V DC   | 250 V AC/DC / 6 A                     | PLC-R...-24DC/21                                      |   | 322                              | 2966171               | 2966472                | 2900299               | X                 |                  |                    |                       |                             |              |
|  |                                 |   | 24 V DC   | 250 V AC/DC / 10 A                    | PLC-R...-24DC/21HC                                    |   | 333                              | 2967620               | 2912277                | 2900291               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 12 V DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-12DC/21AU                                    |   |                                  | 2966919               | 2967442                | 2900317               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 24 V DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-24DC/21AU                                    |   | 323                              | 2966265               | 2966540                | 2900306               | X                 | X                |                    |                       |                             |              |
|  |                                 |   | 24 V AC/DC  | 30 V AC/36 V DC / 50 mA               | PLC-R...-24UC/21AU                                    |   | 323                              | 2966278               | 2966553                | 2900307               | X                 | X                |                    |                       |                             |              |
|  |                                 |   | 48 V DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-48DC/21AU                                    |   | 323                              | 2966126               | 2966566                | 2900308               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 60 V DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-60DC/21AU                                    |   | 323                              | 2966142               | 2966579                | 2900309               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 120 V AC/DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-120UC/21AU                                   |   | 323                              | 2966281               | 2966582                | 2900310               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 230 V AC/DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-230UC/21AU                                   |   | 323                              | 2966294               | 2966647                | 2900311               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 120 V AC  | 30 V AC/36 V DC / 50 mA <sup>2)</sup> | PLC-B...-120UC/21/SO46                                |   | 334                              | 2980319 <sup>4)</sup> | 2980351 <sup>4)</sup>  | 2900453 <sup>4)</sup> |                   |                  | X                  |                       |                             |              |
|  | 230 V AC                        | 30 V AC/36 V DC / 50 mA <sup>2)</sup>                 | PLC-B...-230UC/21/SO46                                |                                       | 334   | 2980335 <sup>4)</sup>                       | 2980377 <sup>4)</sup>            | 2900455 <sup>4)</sup> |                        |                       | X                 |                  |                    |                       |                             |              |
|  | Relais-Schalter / Relay Switch  | 1 Schließer / 1 N/O contact                           | 24 V DC   | 250 V AC/DC / 6 A                     | PLC-R...-24DC/21-21                                   |   | 323                              | 2967060               | 2912507                | 2900330               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 24 V DC   | 30 V AC/DC / 50 mA                    | PLC-R...-24DC/21-21AU                                 |   | 323                              | 2967125               | 2912578                | 2900338               |                   |                  | X                  |                       |                             |              |
|  | Universal                       | 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                        |                                  | 325                   | 2966634                | 2967471               | 2900364           | X                |                    |                       |                             |              |
|  |                                 |   |   | 24 V DC                               | 24 V DC / 10 A  | PLC-O...-24DC/24DC/10/R                     |                                  | 353                   | 2982702                | 2982715               | 2900398           | X                |                    |                       |                             |              |
|  |                                 |   |   | 24 V DC                               | 250 V AC / 0,75 A                                     | PLC-O...-24DC/230AC/1                       |                                  | 325                   | 2967840                | 2967895               | 2900369           | X                |                    |                       |                             |              |
|  |                                 |   |   | 24 V DC                               | 300 V DC / 1 A  | PLC-O...-24DC/300DC/1                       |                                  | 352                   | 2980678                | 2980830               | 2900383           | X                |                    |                       |                             |              |
|  |                                 |   |   | 24 V DC                               | 48 V DC / 100 mA                                      | PLC-O...-24DC/48DC/100                      |                                  | 324                   | 2966728                | 2967549               | 2900352           | X                | X                  |                       |                             |              |
|  |                                 |   |   | 48 V DC                               | 48 V DC / 100 mA                                      | PLC-O...-48DC/48DC/100                      |                                  | 324                   | 2966993                | 2967743               | 2900353           |                  |                    | X                     |                             |              |
|  |                                 |   |   | 60 V DC                               | 48 V DC / 100 mA                                      | PLC-O...-60DC/48DC/100                      |                                  | 324                   | 2967455                | 2967756               | 2900354           |                  |                    | X                     |                             |              |
| 120 V AC/DC                                  |                                 |   |   | 48 V DC / 100 mA                      | PLC-O...-120UC/48DC/100                               |   | 324                              | 2966744               | 2967552                | 2900355               |                   |                  | X                  |                       |                             |              |
| 230 V AC/DC                                  |                                 |   |   | 48 V DC / 100 mA                      | PLC-O...-230UC/48DC/100                               |   | 324                              | 2966757               | 2967565                | 2900356               |                   |                  | X                  |                       |                             |              |
| NAMUR  |                                 |   |   | 24 V DC / 50 mA                       | PLC-...-EIK 1-SVN 24P/P                               |   | 364                              | 2982663               | 2982676                | 2900397               |                   |                  | X                  |                       |                             |              |
| 120 V AC                                     |                                 |   |   | 48 V DC / 100 mA <sup>3)</sup>        | PLC-B...-120UC/21/SO46                                |   | 334                              | 2980319 <sup>4)</sup> | 2980351 <sup>4)</sup>  | 2900453 <sup>4)</sup> |                   |                  | X                  |                       |                             |              |
| 230 V AC                                     |                                 |   |   | 48 V DC / 100 mA <sup>3)</sup>        | PLC-B...-230UC/21/SO46                                |   | 334                              | 2980335 <sup>4)</sup> | 2980377 <sup>4)</sup>  | 2900455 <sup>4)</sup> |                   |                  | X                  |                       |                             |              |
| 1 Wechsler, elektronisch / 1 PDT, electronic |                                 |   |   | 24 V DC                               | 48 V DC / 0,5 A                                       | PLC-O...-24DC/48DC/500/W                    |                                  | 353                   | 2980636                | 2980649               | 2900378           | X                |                    |                       |                             |              |
| Durchgang / Feed-Through                     |                                 |   |   | -                                     | 250 V AC/DC   | 250 V AC/DC                                 | PLC-VT                           |                       | 486                    | 2296870               | -                 | -                |                    | X                     | X                           |              |
|  |                                 |   |   |                                       | 24 V DC   | 24 V DC                                     | PLC-VT/LA                        |                       | 486                    | 2296854               | -                 | -                |                    | X                     | X                           |              |
| Aktor / Actuator                             |                                 |   |   | Relais / Relay                        | 1 Schließer / 1 N/O contact                           | 24 V DC                                     | 250 V AC/DC / 6 A                | PLC-R...-24DC/1/ACT   |                        | 326                   | 2966210           | 2967345          | 2900312            | X                     |                             |              |
|  |                                 |   |   |                                       |   | 24 V DC                                     | 250 V AC/DC / 10 A (80 A; 20 ms) | PLC-R...-24DC/11C/ACT |                        | 332                   | 2967604           | 2912413          | 2900298            |                       |                             | X            |
|  |                                 |   |   | Optokoppler / Solid-state relay       | 1 Schließer, elektronisch / 1 N/O contact, electronic | 24 V DC                                     | 250 V AC/DC / 6 A                | PLC-RSC-24DC/1-1/ACT  |                        | 327                   | 2967109           |                  |                    |                       |                             | X            |
|  | 24 V DC                         | 24 V DC / 3 A   | PLC-O...-24DC/24DC/2/ACT                              |                                       |   |   | 327                              | 2966676               | 2967507                | 2900376               | X                 |                  |                    |                       |                             |              |
|  | Durchgang / Feed-Through        | -   | 24 V DC   | 24 V DC / 5 A                         | PLC-OSC-24DC/24DC/5/ACT                               |   | 328                              | 2982786               | -                      | -                     |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 24 V DC   | 250 V AC / 0,75 A                     | PLC-OSC-24DC/230AC/1/ACT                              |   | 327                              | 2967947               | -                      | -                     |                   | X                |                    |                       |                             |              |
|  |                                 |   | 24 V DC   | 250 V AC / 2 A                        | PLC-OSC-24DC/230AC/2/ACT                              |   | 328                              | 2982760               | -                      | -                     |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 250 V AC/DC   | 250 V AC/DC                           | PLC-VT/ACT  |   | 487                              | 2295567               | -                      | -                     |                   |                  | X                  |                       |                             |              |
| 24 V DC                                      | 24 V DC                         | PLC-VT/ACT/LA   |   | 487                                   | 2296867   | -   | -                                |                       |                        | X                     |                   |                  |                    |                       |                             |              |
| Sensor <sup>1)</sup>                         | Relais / Relay                  | 1 Schließer / 1 N/O contact                           | 24 V DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-24DC/1AU/SEN                                 |   | 330                              | 2966317               | 2967374                | 2900313               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 120 V AC/DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-120UC/1AU/SEN                                |   | 330                              | 2966320               | 2967390                | 2900314               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 230 V AC/DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-230UC/1AU/SEN                                |   | 330                              | 2966333               | 2967413                | 2900315               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 120 V AC  | 30 V AC/36 V DC / 50 mA <sup>2)</sup> | PLC-B...-120UC/1/SEN/SO46                             |   | 335                              | 2980322 <sup>4)</sup> | 2980364 <sup>4)</sup>  | 2900456 <sup>4)</sup> |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 230 V AC  | 30 V AC/36 V DC / 50 mA <sup>2)</sup> | PLC-B...-230UC/1/SEN/SO46                             |   | 335                              | 2980348 <sup>4)</sup> | 2980380 <sup>4)</sup>  | 2900457 <sup>4)</sup> |                   |                  | X                  |                       |                             |              |
|  | 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                            |   | 331                              | 2966773               | 2967578                | 2900358               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 120 V AC/DC   | 48 V DC / 100 mA                      | PLC-O...-120UC/48DC/100/SEN                           |   | 331                              | 2966799               | 2967581                | 2900359               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 230 V AC/DC   | 48 V DC / 100 mA                      | PLC-O...-230UC/48DC/100/SEN                           |   | 331                              | 2966809               | 2967594                | 2900361               |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 120 V AC  | 48 V DC / 100 mA <sup>3)</sup>        | PLC-B...-120UC/1/SEN/SO46                             |   | 335                              | 2980322 <sup>4)</sup> | 2980364 <sup>4)</sup>  | 2900456 <sup>4)</sup> |                   |                  | X                  |                       |                             |              |
|  |                                 |   | 230 V AC  | 48 V DC / 100 mA <sup>3)</sup>        | PLC-B...-230UC/1/SEN/SO46                             |   | 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)

Printed in Germany  
© PHOENIX CONTACT 2014

IF 12-14.000.L6  
MNR 5200661/2014-04-01/06



INSPIRING INNOVATIONS





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.