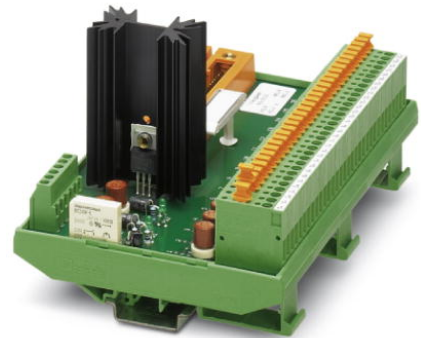



# UM-2KS50/DI16/RS/KDS-3/SO227

Order No.: 2319171



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2319171>

16-channel digital input module with screw connection and integrated knife disconnect function. Redundant voltage supply with signaling relay. Suitable for Yokogawa SDV 144 card.

| Commercial data |   |
|-----------------|---|
| GTIN (EAN)      | 4 046356 363792  |
| Note            | Made-to-order   |
| sales group     | I674  |
| Pack            | 1 pcs.  |
| Customs tariff  | 85369010  |

### Product notes

WEEE/RoHS-compliant since:  
04/17/2008



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

| Technical data                            |         |
|---|---------|
| <b>General data</b>                       |         |
| Nominal voltage $U_N$                     | 30 V DC |
| Max. current carrying capacity per branch | 100 mA  |
| Max. total current of voltage supply      | 2 A     |
| Width                                     | 180 mm  |

|                                 |  |
|---------------------------------|--|
| Height                          | 111 mm   |
| Depth                           | 98 mm  |
| Ambient temperature (operation) | -20 °C ... 70 °C   |
| Mounting position               | Any  |
| Standard - Electrical safety    | Air and creepage distances DIN EN 50178 basic insulation |
| Pollution degree                | 2  |
| Surge voltage category          | II   |
| Rated surge voltage             | 0.5 kV   |
| Rated insulation voltage        | 50 V   |

#### Connection data for connection 1

|  |                     |
|--|---------------------|
| Connection name                        | Field level         |
| Connection method                      | Screw connection    |
| Number of positions                    | 32                  |
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.     | 4 mm <sup>2</sup>   |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min. | 24                  |
| Conductor cross section AWG/kcmil max  | 12                  |

#### Accessories

| Item                   | Designation                 | Description  |
|------------------------|-----------------------------|--|
| <b>Cable/conductor</b> |                             |  |
| 2900991                | FLK 50-PA/EZ-DR/KS/ 100/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 1.0 m. |
| 2314299                | FLK 50-PA/EZ-DR/KS/ 200/YUC | Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 2.0 m    |
| 2314309                | FLK 50-PA/EZ-DR/KS/ 300/YUC | Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 3.0 m    |
| 2314312                | FLK 50-PA/EZ-DR/KS/ 400/YUC | Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 4.0 m    |
| 2321499                | FLK 50-PA/EZ-DR/KS/ 500/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 5.0 m  |
| 2314927                | FLK 50-PA/EZ-DR/KS/ 600/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 6.0 m  |
| 2321509                | FLK 50-PA/EZ-DR/KS/ 700/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 7.0 m  |

|         |                             |  |
|---------|-----------------------------|--|
| 2314930 | FLK 50-PA/EZ-DR/KS/ 800/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 8.0 m  |
| 2321512 | FLK 50-PA/EZ-DR/KS/ 900/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 9.0 m  |
| 2314325 | FLK 50-PA/EZ-DR/KS/1000/YUC | Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 10.0 m   |
| 2321389 | FLK 50-PA/EZ-DR/KS/1100/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 11.0 m |
| 2321525 | FLK 50-PA/EZ-DR/KS/1200/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 12.0 m |
| 2321392 | FLK 50-PA/EZ-DR/KS/1300/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 13.0 m |
| 2321402 | FLK 50-PA/EZ-DR/KS/1400/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 14.0 m |
| 2314338 | FLK 50-PA/EZ-DR/KS/1500/YUC | Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 15.0 m   |
| 2321538 | FLK 50-PA/EZ-DR/KS/1600/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 16.0 m |
| 2321541 | FLK 50-PA/EZ-DR/KS/1700/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 17.0 m |
| 2321554 | FLK 50-PA/EZ-DR/KS/1800/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 18.0 m |
| 2321567 | FLK 50-PA/EZ-DR/KS/1900/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 19.0 m |
| 2314503 | FLK 50-PA/EZ-DR/KS/2000/YUC | Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 20.0 m   |
| 2314516 | FLK 50-PA/EZ-DR/KS/2500/YUC | Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 25.0 m   |
| 2314529 | FLK 50-PA/EZ-DR/KS/3000/YUC | Round cable set, with two 50-pos. molded socket strips (1:1 connection). Length of cable: 30.0 m   |
| 2318981 | FLK 50-PA/EZ-DR/KS/5000/YUC | Assembled round cable with two molded 50-pos. socket strips (1:1 connection). Cable length: 50.0 m |

**General**

|         |                 |  |
|---------|-----------------|--|
| 2901008 | VF-SI/TR5/0,1AT | Plug-in fuse (TR5 <sup>®</sup> ), nominal current: 0.1 A T |
| 2900996 | VF-SI/TR5/2AT   | Plug-in fuse (TR5 <sup>®</sup> ), nominal current: 2 A T   |

**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



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