



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Power cable - SAC-4P- 2,0-U50/MINFR - 1417124

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Power cable, 4-position, PVC, black, free cable end, A - standard, on Socket angled 7/8"-16UNF, A - standard, cable length: 2 m

Why buy this product

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ High-performance: connectors and cables with a large conductor cross section for power supply



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 055626 222592 |
| GTIN | 4055626222592 |

Technical data

Dimensions

| | |
|-----------------|-----|
| Length of cable | 2 m |
|-----------------|-----|

Ambient conditions

| | |
|---------------------------------|-----------------------------------|
| Ambient temperature (operation) | -20 °C ... 105 °C (Plug / socket) |
| Degree of protection | IP68 |

General

| | |
|-----------------------|----------------------|
| Rated current at 40°C | 24 A |
| Rated voltage | 600 V AC 600 V DC |
| Number of positions | 4 |
| Color handle area | black |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |
| Status display | No |

Power cable - SAC-4P- 2,0-U50/MINFR - 1417124

Technical data

General

| | |
|------------------------------|-------------------------|
| Protective circuit/component | Unwired |
| Insertion/withdrawal cycles | 100 |
| Torque | 10 lb _F -in. |
| | 1.12 Nm |

Material

| | |
|--------------------------|-------------------|
| Contact material | CuZn |
| Contact surface material | AU |
| Contact carrier material | PVC |
| Material of grip body | PVC |
| Material, knurls | Anodized aluminum |

Cable

| | |
|--|--|
| Cable type | TC-ER/600V, STOOW |
| Cable abbreviation | U50 |
| AWG signal line | 14 |
| Conductor cross section signal conductor | 4 x AWG 14 |
| Wire colors | Black 1, white 2, red 3, green 4 |
| Overall twist | 4 wires, twisted |
| External sheath, color | black |
| External cable diameter | 15.70 mm |
| Outer sheath, material | PVC |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Nominal voltage, cable | 600 V |
| Flame resistance | UL 1581, FT2 |
| Resistance to oil | Premium oil resistance (jacket and conductor) |
| Other resistance | UV resistant (720 h) UL 2556 |
| Ambient temperature (operation) | -40 °C ... 105 °C (cable, fixed installation) |
| | -30 °C ... 105 °C (cable, flexible installation) |

Standards and Regulations

| | |
|-------------------|---|
| Flame resistance | UL 1581, FT2 |
| Resistance to oil | Premium oil resistance (jacket and conductor) |
| Other resistance | UV resistant (720 h) UL 2556 |

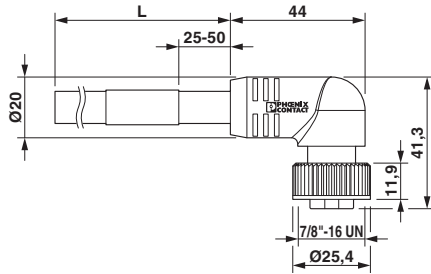
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

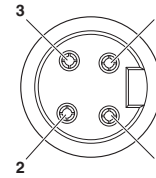
Drawings

Power cable - SAC-4P- 2,0-U50/MINFR - 1417124

Dimensional drawing



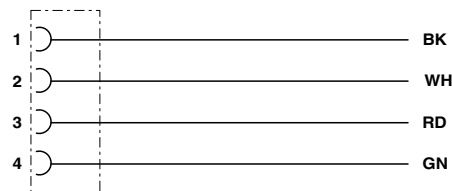
Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 4-pos., view of female side

7/8"-16UNF socket, angled

Circuit diagram



Contact assignment of 7/8" socket

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>