

**product type designation**

product description

**Connecting cable 24 V, Push Pull / M16**

Flexible supply cable (2 x 2-wire)

SIMATIC MV400 Power Cable for MV420/440, M16 push-pull, PVC, 1 mm<sup>2</sup>, Length 1.5 m pre- pre-assembled pin assignment H+G (only 24 V PS)



product brand name

SIMATIC RF

Technical Product Detail Page

<https://l.siemens.com/1P6GF3400-0BH15>

suitability for use

connecting cable for connecting a 24 V power supply unit to an MV400 reader

wire length

1.5 m

**electrical data**

number of electrical connections

2

loop resistance per length / maximum

32 mΩ/m

insulation resistance coefficient

100 GΩ·m

operating voltage / maximum

300 V

**mechanical data**

design of the shield

Braided shield made of tin-plated copper wires

number of electrical cores

4

type of electrical connection

Push Pull Power (5-pin) / M16 (female, 12-pin, straight)

outer diameter

• of cable sheath

5.7 mm

design of stranding element

Four

conductor class

5

material

• of the conductor

CU, blank

• of the wire insulation

PVC

• of cable sheath

PVC

marking / of cores

Color

color

• of the insulation of data wires

International color code

• of cable sheath

Black

bending radius

• with single bend / minimum permissible

85.5 mm

• with multiple bends / minimum permissible

85.5 mm

weight per length

60 kg/km

**ambient conditions**

ambient temperature

• during operation

-15 ... +80 °C

• during storage

-30 ... +80 °C

• during transport

-30 ... +80 °C

• during installation

-15 ... +80 °C

fire behavior

Flame-resistant according to UL-LiYCY, style 2464/1061

chemical resistance

<ul style="list-style-type: none"> <li>• to mineral oil</li> <li>• to grease</li> </ul>	resistant
radiological resistance / to UV radiation	resistant
<b>product features, product functions, product components / general</b>	
product feature <ul style="list-style-type: none"> <li>• halogen-free</li> </ul>	No
<b>standards, specifications, approvals</b>	
UL/ETL listing / 300 V Rating	Yes; Style 2464/1061
<b>further information / internet links</b>	
internet link <ul style="list-style-type: none"> <li>• to website: Selection guide for cables and connectors</li> <li>• to web page: selection aid TIA Selection Tool</li> <li>• to website: Industrial communication</li> <li>• to web page: identification and localization systems</li> <li>• to web page: SiePortal</li> <li>• to website: Image database</li> <li>• to website: CAx-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a> <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a> <a href="https://www.siemens.com/ident">https://www.siemens.com/ident</a> <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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<b>Approvals / Certificates</b>	
<b>General Product Approval</b>	



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