

Product type designation

Product description

Cable 24 V, Push Pull / M16

Flexible supply cable (2 x 2-core)

SIMATIC MV400 POWER CABLE FOR MV420/440, M16 - PUSH-PULL, PUR, 1QMM, LENGTH 1.5 M PREASSEMBLED PIN ASS. H+G (24V PS ONLY)



Suitability for use	Plug-in cable for connecting a 24 V power supply to an MV400 reader
Cable length	1.5 m
Electrical data	
Number of electrical connections	2
Type of electrical connection	Push Pull Power (5 pin) / M16 (female, 12 pin, straight)
Loop resistance per length / maximum	32 mΩ/m
Insulation resistance coefficient	100 GΩ·m
Operating voltage	
• maximum	300 V
Mechanical data	
Number of electrical cores	4
Design of the shield	Braided shield made of tin-plated copper wires
Outer diameter	
• of cable sheath	5.7 mm
Material	
• of the wire insulation	PVC
• of cable sheath	PVC
Color	
• of the insulation of data wires	international color code
• of cable sheath	Black
Bending radius	
• with single bend / minimum permissible	85.5 mm

<ul style="list-style-type: none"> • with multiple bends / minimum permissible 	85.5 mm
Weight per length	60 kg/km

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-15 ... +80 °C
<ul style="list-style-type: none"> • during storage 	-30 ... +80 °C
<ul style="list-style-type: none"> • during transport 	-30 ... +80 °C
<ul style="list-style-type: none"> • during installation 	-15 ... +80 °C
Burning behavior	flame resistant according to UL-LiYCY, Style 2464/1061
Chemical resistance	
<ul style="list-style-type: none"> • to mineral oil 	resistant
<ul style="list-style-type: none"> • to grease 	Resistant
Radiological resistance / to UV radiation	resistant

Product properties, functions, components / general

Product property	
<ul style="list-style-type: none"> • halogen-free 	No

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> • to website: Information and Download Center 	http://www.siemens.com/automation/net/catalog
<ul style="list-style-type: none"> • to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> • to website: CAx Download Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> • to website: Industry Online Support 	https://support.industry.siemens.com

last modified: 16.03.2015