

| Product-type designation                                  |  | Cable RS422, wire end sleeves / EN 175201-804 straight                                                                            |
|-----------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------|
| Cable designation                                         |  | MOBY I/E/U CONNEC. CABLE ASM 470/475 SLG, STRAIGHT SLG CONNECTOR, PUR, CMG, TRAILING, LENGTH 5 M                                  |
| Cable length                                              |  | L-YC11Y 6x1x0.25 6x24AWG CMG                                                                                                      |
|                                                           |  | 5 m                                                                                                                               |
| Electrical data                                           |  |                                                                                                                                   |
| Number of electrical connections                          |  | 1                                                                                                                                 |
| Loop resistance per length / maximum                      |  | 160 Ω/km                                                                                                                          |
| Insulation resistance coefficient                         |  | 20 GΩ·m                                                                                                                           |
| Operating voltage                                         |  |                                                                                                                                   |
| • Maximum                                                 |  | 300 V                                                                                                                             |
| Mechanical data                                           |  |                                                                                                                                   |
| Number of electrical wires                                |  | 6                                                                                                                                 |
| Design of shield                                          |  | Braided shield made of tin-plated copper wires                                                                                    |
| Outer diameter                                            |  |                                                                                                                                   |
| • of the cable sheath                                     |  | 5.4 mm                                                                                                                            |
| Symmetrical tolerance of outer diameter / of cable sheath |  | 0.2 mm                                                                                                                            |
| Material                                                  |  |                                                                                                                                   |
| • of the wire insulation                                  |  | PVC                                                                                                                               |
| • of the cable sheath                                     |  | PUR                                                                                                                               |
| Color                                                     |  |                                                                                                                                   |
| • of the cable sheath                                     |  | Black                                                                                                                             |
| Bending radius                                            |  |                                                                                                                                   |
| • with single bend / minimum permissible                  |  | 21.6 mm                                                                                                                           |
| • with multiple bends / minimum permissible               |  | 43 mm                                                                                                                             |
| • with continuous bending                                 |  | 75 mm                                                                                                                             |
| Number of bending cycles                                  |  | 3000000                                                                                                                           |
| • Note                                                    |  | For use in cable carriers, for 3 million bending cycles with a bending radius of 75 mm and an acceleration of 20 m/s <sup>2</sup> |
| Traction stress / maximum                                 |  | 200 N                                                                                                                             |
| Weight per length                                         |  | 45 kg/km                                                                                                                          |
| Permitted ambient conditions                              |  |                                                                                                                                   |
| Ambient temperature                                       |  |                                                                                                                                   |
| • during operating                                        |  | -30 ... +80 °C                                                                                                                    |
| • during storage                                          |  | -30 ... +80 °C                                                                                                                    |

|                                                            |                                                                                                           |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| • during transport                                         | -30 ... +80 °C                                                                                            |
| • during installation                                      | -30 ... +80 °C                                                                                            |
| Burning behaviour                                          | flame resistant according to IEC 60332-1-2                                                                |
| Chemical resistance                                        |                                                                                                           |
| • to mineral oil                                           | resistant                                                                                                 |
| • to grease                                                | Resistant                                                                                                 |
| Radiological resistance / to UV radiation                  | Resistant                                                                                                 |
| <b>Product properties, functions, components / general</b> |                                                                                                           |
| Product feature                                            |                                                                                                           |
| • halogen-free                                             | No                                                                                                        |
| • silicon-free                                             | Yes                                                                                                       |
| <b>Standards, specifications, approvals</b>                |                                                                                                           |
| UL/ETL listing / with 300 V rating                         | Yes: CMG                                                                                                  |
| <b>Further Information / Internet Links</b>                |                                                                                                           |
| Internet-Link                                              |                                                                                                           |
| • to website: Industry Mall                                | <a href="https://www.siemens.com/industrymall">https://www.siemens.com/industrymall</a>                   |
| • to website: Industrial communication                     | <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>                       |
| • to website: Information and Download Center              | <a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a> |
| • to website: Image database                               | <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>                   |
| • to website: CAx Download Manager                         | <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>                                       |
| • to website: Industry Online Support                      | <a href="http://support.automation.siemens.com">http://support.automation.siemens.com</a>                 |
| <b>letzte Änderung:</b>                                    | Aug 9, 2014                                                                                               |