

MSUD DOUBLE VALVE PLUG FORM B 10 MM

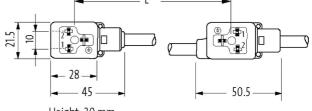
PVC 4X0.75 black 10m

Form B (10 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 100 mm Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration

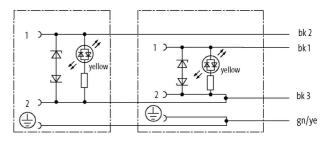


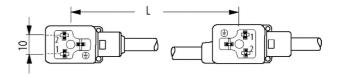




Valve plug 2

Valve plug 1 Connection cable





Product may differ from Image

Approvals

cCSAus * only for products with UL/CSA approved cable

Form

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 02/21

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



Technical Data Operating voltage 24 V AC ±20% / DC ±25% Rated surge voltage 0.8 kV Operating current per contact max. 4 A Switch off peak max. 55 V Switch off delay time max. 20 ms LED display (yellow) Current consumption approx. 12 mA Housing Black plastic (gray on request) Locking of ports M3 (recommended torque 0.4 Nm) Protection IP67 inserted and tightened (EN 60529)		50004
Operating voltage24 VA C 120% / DC 125%Rade gurey voltage0.8 VVOperating corrent per contactmax. 4 ASwitch of peakmax. 20 msEd objage(wellow)Carrent consumptionapprox. 12 mABouling of delay timeBook plants (gray on request)Corrent consumptionApprox. 12 mABouling of DelayMole plants (gray on request)Corrent consumptionMole plants (gray on request)Corrent consumptionMole plants (gray on request)Corrent consumptionMole plants (gray on request)Corrent dataMole plants (gray on request)Corrent dataMole plants (gray on request)Corrent dataSec.Corrent dataSec.Corrent dataSec.Corrent dataSec.Maren GuadonPVC (De num, gray)Maren GuadonNo (Corrent Gray)Maren GuadonSec.Colair do for plants (gray on request)Sec.Colair do for plants (gray on request)<	Form	58201
Rated surge voltage0.8 kVOperating current per contactmax. 4 ADeprating current per contactmax. 50 VSwitch of dealsmax. 20 meLED display(yellow)Current consumptionaprox. 12 mAHousingBack plastic (gray on request)HousingBack plastic (gray on request)ProtectionM9 (recommended targue 0.4 Nm)ProtectionM9 (recommended targue 0.4 Nm)ProtectionM9 (recommended targue 0.4 Nm)ProtectionM9 (recommended targue 0.4 Nm)ProtectionM9 (recommended targue 0.4 Nm)Motaliameter of wires4 - 0.75 rmrlNo.4 diameter of wires570 °CCather of wires670 °CCable identification6 17Cable identification6 17Cable identification6 17Cable weight (grim)7.86Residue (core)2 - RmCashudon (core)2 - 2 RmCashudon (core)2 - 0.27 rmrlMoria0 - 0.07 rmrlCashudon (core)2 - 0.27 rmrlCashudon (core)2 - 0.27 rmrl <td>Technical Data</td> <td></td>	Technical Data	
Operating current per contact max. 4 A Switch of peak max. 55 V Switch of delay fine max. 50 vs LED display (yellow) Current consumption approx. 12 mA Housing Black plasts (pray on request) Locking of ports M3 (recommended tarque 0.4 Nm) Protection P97 Interdied and lightened (EN 60528) Censeral data Censeral data Temperature range -26+85 °C, depending on cable quality Cables Vol Mixe isolation PVC (bk num, gray) Material (jacket) PVC Outer Ø 6.5 mm .5%. Bend radus (nowing) 10 - outer Ø Temperature range (mobile) -5 70 °C Cable identification 617 Cable identificat	Operating voltage	24 V AC ±20% / DC ±25%
Switch of peak max. 25 V Switch of peak max. 20 ms Switch of delay time max. 20 ms Ecol deplay (velow) Current consumption approx. 12 mA Housing Black plasfic (gray on request) Locking of ports MS (recommended targue LA Nn) Protection P67 inserted and tightened (EN 80528) General data	Rated surge voltage	0.8 kV
Switch off delay time max. 20 ms LED display (yellow) Corrent consumption approx. 12 mA Housing Black plasts (gray on request) Locking of ports M0 (recommended larque 0.4 Nm) Protection IP67 inserted and tightened (EN 60529) Ceneral data Temporature range Color 25. «85 °C, dupending on cable quality Cable View isolation View isolation PVC (ok num, graye) Material (gacket) PVC Outer Ø 6.5 mm ±5% Bend radius (moving) 10% outer Ø Temporature range (mobile) 5. «70 °C Cable Type 1/PVC) Approval (gabb) Cc conform Cable identification 617 Cable Type 1/PVC) Approval (gabb) Cc conform Cable Type 1/PVC) Approval (gabb) Cc conform Cable Type 1/PVC) Approval (gabb) Cc conform Cable Type 1/PVC) Approval (gabbb) Cc nonform	Operating current per contact	max. 4 A
LED display(yellow)Current consumptionapprox. 12 mAHousingBlack plastic (ray on request)Locking of portsM3 (recommended lorque 0.4 Nm)ProtectionIP67 inserted and tightened (EN 60529)Ceneral dataImage and transmitten range-28485 °C, depending on cable quaitlyCablesWire locationPVC (bk num, grayo)Material (acket)PVCOuter 06.5 mm 25%Band radius (moving)10 - outer 0Temperature range (locd)3070 °CTemperature range (locd)-570 °CCablesCablesMaterial (acket)PVC)Temperature range (locd)-570 °CCable frago117Cable fragoCable rangeCable fragoCable rangeMaterial (acket)CE conformCable fragoCable rangeCable fragoCable rangeMaterial (wire)Cu wire, bareResistor (core)44 0.75 mm²Material (wire)Cu wire, bareResistor (core)44 0.75 mm²Material (wire isolation)PVCMaterial (wire isolation)PVCMaterial (wire isolation)45 5 DWire donch (solation)45 5 D	Switch off peak	max. 55 V
Current consumptionapprox. 12 mAHousingBlack plastic (gray on request)Locking of portsM3 (recommended torque 0.4 Nm)ProtectionP67 Inserted and tigthmeet (EN 60529)Centeral dataCablesCablesNo.Kitameter of wires4.0.75 mmlWire isolationPVC (bk num, grye)Material (godet)PVCOuter Ø6.5 mm 25%Bond radius (moving)10 - outer ØEaberser-3070 °CCables-25485 °C, depending on cable qualityCable datis (moving)10 - outer ØEarberstruer range (tixed)-3070 °CCable dotting-3070 °CCable dotting-27.0°CCable dotting-27.0°CSingle wire Ø (core) </td <td>Switch off delay time</td> <td>max. 20 ms</td>	Switch off delay time	max. 20 ms
Housing Black plastic (gray on request) Locking of ports M3 (recommended torque 0.4 Nm) Protection IP67 inserted and tightened (EN 0628) General dats - Temperature range -25+65 °C, depending on cable quality Cables - Wire isolation PVC (Dk num, grye) Material (isoket) PVC Outer 0 6.5 mm ±5% Beend radius (nowing) 10- outer 0 Temperature range (fixed) -30+70 °C Cable discriftication 617 Cable discriftication 617 Cable discriftication 617 Cable Type 1 (PVC) Approval (cable) CE conform Cable Type 1 (PVC) Approval (cable) CE conform Cable weight (gm) 77.68 Material (wire) Cu wire, bare Resider (core) 2.4 mm (multi-strand wire class 5) Diameter (core) 2.4 mm (multi-strand wire class 5) Diameter (core) 4 - 0.7 mm ² Were Q Inck isolation) FPC - cadmium, silicone- and lead-free<	LED display	(yellow)
Locking of ports M3 (recommended torque 0.4 Nm) Protection IP67 inserted and tightened (EN 60529) General data	Current consumption	approx. 12 mA
Protection IP67 inserted and lightened (EN 60529) Ceneral data Temperature range -25485 °C, depending on cable quality Cables No.cliameter of wires 4 x 0.75 mm² Wire isolation PVC (bx num, gnye) Material (gicket) PVC Outer Ø 6.5 mm 45% Bend radius (moving) 10× outer Ø Temperature range (mobile) -5+70 °C Cable domitication 617 Cable Type 1 (PVC) Approval (cable) CE conform Cable weight (am] 77,66 Material (wire) Cu wire, bare Construction (core) 24 × 0.2 mm (multi-strand wire class 5) Diameter (core) 4 × 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PVC Material (wire isolation) PVC Strandrog combination 4 more Mixe-	Housing	Black plastic (gray on request)
General data Temperature range -25+85 °C, depending on cable quality Cables - No./dameber of wires 4 × 0.75 mm ³ Wire isolation PVC (kn um, gne) Material (jackef) PVC Outer Ø 6.5 mm ±5% Bend radius (moving) 10× outer Ø Temperature range (fixed) -50+70 °C Cable identification 617 Cable identification 618 Cable identification 77.86 Material (wire idolation) 92 mm <td>Locking of ports</td> <td>M3 (recommended torque 0.4 Nm)</td>	Locking of ports	M3 (recommended torque 0.4 Nm)
Temperature range :2648 °C, depending on cable quality Cables No.idiameter of wires 4 × 0.75 mm ² No.idiameter of wires 4 × 0.75 mm ² Wire isolation PVC (bk.num, grupo) Material (jackot) PVC Outer Ø 6.5 mm ±5% Band radius (moving) 10× outer Ø Temperature range (iked) -3070 °C Temperature range (iked) -570 °C Cable identification 617 Cable identification 617 Cable valget [g/m] 77.6 Cable valget [g/m] 77.6 Cable valget [g/m] 77.6 Cable valget [g/m] 7.7.6 Construction (core) 24.0.2 mm (multi-strand wire class 5) Diameter (core) 24.0.2 mm (multi-strand wire class 5) Construction (vire isolation) PVC Material Ungerwit (wire isolation) 4 × 0.75 mm ² AVG simalita to AVG 18 Material (isolation) 1.8 mm ±5% Cabler barding kiver isolation) 1.8 mm ±5% Cabler barding kiver isolation 1.9 C	Protection	IP67 inserted and tightened (EN 60529)
Cables No./diameter of wires 4 × 0.75 mm² Wire isolaton PVC (bk.num, gnye) Material (jacket) PVC Outer Ø 6.5 mm ±5% Bend radius (moving) 10× outer Ø Temperature range (ited) -30+70 °C Cable dentification 617 Cable vergint (gm) 77.66 Material (reiv) Cu wire, bare Residor (core) 24 × 0.2 m (multi-strand wire class 5) Diameter (core) 24 × 0.2 m (multi-strand wire class 5) Diameter (core) 24 × 0.75 mm² AVG similar to AWG 18 Material (wire isolation) PVC Material (isolation) 1.8 mm ±5% Colorinumbering of wires bk numbered. gnye longitudinally striped Shrad Ing combination 4 wire	General data	
No.diameter of wires4 × 0.75 mm²Wire isolationPVC (bk num, gnye)Material (jackel)PVCOuter Ø6.5 mm ±5%Bend radius (moving)10.x outer ØTemperature range (fixed)-30+70 °CCable for dist (mobile)5+70 °CCable identification617Cable identification617Cable rype1/PVC)Apprval (cable)CE conformCable rype1/PVC)Apprval (cable)CE conformCable weight [gm]77.66Material (wire)Cu wire, bareResister (core)max.26 0.km (20 °C)Single wire Ø (core)0.2 mmConstruction (core)24 × 0.2 mm (multi-strand wire class 5)Diameter (core)4 × 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial (wire isolation)25 DShore hardness (wire isolation)43 ± 5 DWire-Ø incl. isolation)43 ± 5 DWire-Ø incl. isolation4 wires twistedShore hardness (wire isolation)42 ± 5 DMaterial (isolation)42 ± 5 DWire-Ø incl. isolation4 wires twistedShore hardness (wire isolation)42 ± 5 DMaterial (isolation)9 ± 5 AOuter-Ø (isolation)6 5 m ± 5%Color/umbering of wires80 ± 5 AShore hardness (isolation)6 ± 5 AOuter-Ø (isolation)6 ± 5 AOuter-Ø (isolation)6 ± 5 AOuter-Ø (isolation)6 ± 5 AOuter-Ø	Temperature range	-25+85 °C, depending on cable quality
Wire isolation PVC (bk num, gnye) Material (jacket) PVC Outer Ø 6.5 mm ±5%. Bend radius (moving) 10% outer Ø Temperature range (txed) -30+70 °C Cable identification 617 Cable identification 617 Cable identification 617 Cable identification 62 conform Cable veight [g/m] 77.66 Material (wire) Cc wire, bare Resistor (core) 0.2 mm Construction (core) 24 × 0.2 mm (multi-strand wire class 5) Diameter (core) 4 × 0.75 mm² AWG similar to AWG 18 Material (vire isolation) PVC Material (vire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 4 × 0.75 mm² Miterial (isolation) PVC Material (rise isolation) 4 × 0.5 mm² Shore hardness (wire isolation) 4 × 0.5 mm² Shore indraces (wire isolation) 4 × 0.5 mm² Stranding combination 4 wires twisted Shrand fracombination	Cables	
Wire isolation PVC (bk num, gnye) Material (jacket) PVC Outer Ø 6.5 mm ±5%. Bend radius (moving) 10% outer Ø Temperature range (txed) -30+70 °C Cable identification 617 Cable identification 617 Cable identification 617 Cable identification 62 conform Cable veight [g/m] 77.66 Material (wire) Cc wire, bare Resistor (core) 0.2 mm Construction (core) 24 × 0.2 mm (multi-strand wire class 5) Diameter (core) 4 × 0.75 mm² AWG similar to AWG 18 Material (vire isolation) PVC Material (vire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 4 × 0.75 mm² Miterial (isolation) PVC Material (rise isolation) 4 × 0.5 mm² Shore hardness (wire isolation) 4 × 0.5 mm² Shore indraces (wire isolation) 4 × 0.5 mm² Stranding combination 4 wires twisted Shrand fracombination		4x 0 75 mm ²
Material (jacket)PVCOuter Ø6.5 mm ±5%Bend radius (moving)10× outer ØTemperature range (fixed)-30+70 °CTemperature range (mobile)-5+70 °CCable identification617Cable identification617Cable identification617Cable identificationCE conformCable velopht [g/m]77,66Material (wire)Cu wire, bareResistor (core)max. 26 Ωkm (20 °C)Single wire Ø (core)0.2 mmConstruction (core)24 × 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial (wire isolation)CFC, cadmium, silicone- and lead-freeShore hardness (wire isolation)43 ± 5 DWire-Øind. Isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStridig (cokel)6.5 mm ±5%Color/numbering of wiresB0 ± 5 AColor (ackel)80 ± 5 ACuler-Ø (jackel)6.5 mm ±5%Color (jackel)6.5 mm ±5%Color (jacket)6.5 mm ±5%		
Quir Ø 6.5 mm ±5% Bend radius (moving) 10× outer Ø Temperature range (fixed) -30+70 °C Cable identification 617 Cable veight [g/m] 77.66 Material (wire) Cu wire, bare Resistor (core) max. 26 Ωkm (20 °C) Single wire Ø (core) 0.2 mm Construction (core) 24× 0.2 mm (multi-strand wire class 5) Diameter (core) 4× 0.75 mm² AVQ similar to AVQ 18 Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D Wire-Ø ind. isolation 1.8 mm ±5% Colorhumbering of wires bk numbered, gnye longitudinally striped Shree hardness (acket) 60 ± 5 A Outer-Ø (icket) CFC-, cadmium-, silicone- and lead-free Shree hardness (acket) 60 ± 5 A Outer-Ø (icket) CFC-, cadmium-, silicone- and lead-free		
Bend radius (moving) 10× outer Ø Temperature range (fixed) -30+70 °C Cable identification 617 Cable identification 617 Cable identification CE conform Cable valght [g/m] 77.66 Material (wire) Cu wire, bare Resistor (core) max. 28 0km (20 °C) Single wire Ø (core) 0.2 mm Construction (core) 24× 0.2 mm (multi-strand wire class 5) Diameter (core) 4× 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PVC Material (wire isolation) CFC-, cadmium-, silicone- and lead-free Store hardness (wire isolation) 4 wires twisted Store fundness (wire isolation) 1.8 m ±5% Color/numbering of wires bk numbered, gnye longitudinally striped Straiding combination 4 wires twisted Shield no Material (cacket) 80 ±5 A Color/numbering of wires 6.5 m ±5% Color (jacket) 6.5 m ±5% Color (jacket) 6.5 m ±5% Color (jack		
Temperature range (fixed)30+70 °CTemperature range (mobile)-5+70 °CCable identification617Cable rype1 (PVC)Approval (cable)CE contormCable weight [g/m]77.66Material (wire)Cu wire, bareResistor (core)max. 26 Ωkm (20 °C)Single wire Ø (core)0.2 mmConstruction (core)24× 0.2 mm (wire class 5)Diameter (core)4× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.8 mm ±5%Colorhumbering of wiresbk numbered, gnye longitudinally stripedStranding combination40 °FC, cadmium-, silicone- and lead-freeShore hardness (jacket)0.5 f.Quer (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AColoriumbering of wires0.5 f.Shore hardness (jacket)80 ±5 AOuter-Q (jacket)6.5 mm ±5%Color (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNorinal voltage300.500 VACTest voltage3000 VAC		
Temperature range (mobile)-5+70 °CCable identification617Cable identification617Cable Type1 (PVC)Approval (cable)CE conformCable weight [g/m]77.66Material (wire)Cu wire, bareResistor (core)max. 26 Ωkm (20 °C)Single wire Ø (core)0.2 mmConstruction (core)24 × 0.2 mm (multi-strand wire class 5)Diameter (core)4 × 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial (jacket)CFC-, cadmium-, silicone- and lead-freeShieldnoMaterial (jacket)PVCMaterial (jacket)CFC-, cadmium-, silicone- and lead-freeShieldnoMaterial (jacket)PVCMaterial (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ± 5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)6.5 mm ±5%Color (jacket)6.5 mm ±5%Color (jacket)blackOuter-Ø (jacket)6.5 mm ±5%Color (jacket)6.5 mm ±5%Color (jacket)blackNom hardness (jacket)BlackNom hardness (jacket)Black <td></td> <td></td>		
Cable identification617Cable Type1 (PVC)Approval (cable)CE conformCable weight [g/m]77.66Material (wire)Cu wire, bareResistor (core)max. 26 Ωkm (20 °C)Single wire Ø (core)0.2 mmConstruction (core)24 × 0.2 mm (multi-strand wire class 5)Diameter (core)4 × 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ± 5 DVire-Ø incl. isolation1.8 mm ± 5%Color/numbering of wiresbk numbered, gnye longitudinally stripedShradnig (acket)PVCMaterial (jacket)CFC-, cadmium-, silicone- and lead-freeShradnig (jacket)StradingShradnig ombination4 wires twistedShreit isolation4 site Stripe (jacket)Outer-Ø (jacket)6.5 mm ± 5%Color(unbering of wires80 ± 5 AOuter-Ø (jacket)6.5 mm ± 5%Color (jacket)blackColor (jacket)blackColor (jacket)0.00 ± 5 AOuter-Ø (jacket)0.5 m ± 5%Color (jacket)blackColor (jacket)0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00 ± 0.00		
Cable Type1 (PVC)Approval (cable)CE conformCable weight [g/m]77,68Material (wire)Cu wire, bareResistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.2 mmConstruction (core)24 × 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ± 5 DWire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedShidnoMaterial (gacket)PVCMaterial property (idekt)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ± 5 DColor/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShidnoMaterial property (idekt)CFC-, cadmium-, silicone- and lead-freeShore hardness (idektel)80 ± 5 AOuter-Ø (idekt)6.5 mm ± 5%Color (idekt)blackChernical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Approval (cable)CE conformCable weight [g/m]77,66Material (wire)Cu wire, bareResistor (core)max. 26 Ø/km (20 °C)Single wire Ø (core)0.2 mmConstruction (core)24 × 0.2 mm (multi-strand wire class 5)Diameter (core)4 × 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DVire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedShieldnoMaterial (jacket)PVCMaterial (jacket)65 -, cadmium-, silicone- and lead-freeShore hardness (jacket)6.5 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial (jacket)6.5 rm ±5%Color (jacket)6.5 mm ±5%Color (jacket)6.5 mm ±5%Color (jacket)blackChemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Atterial (wire) 77,66 Material (wire) Cu wire, bare Resistor (core) max. 26 Ω/km (20 °C) Single wire Ø (core) 0.2 mm Construction (core) 24 × 0.2 mm (multi-strand wire class 5) Diameter (core) 4 × 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D Wire-Ø incl. isolation 1.8 mm ±5% Color/numbering of wires bk numbered, gnye longitudinally striped Shield no Material (jacket) PVC Material (jacket) SCFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D Wire-Ø incl. isolation 1.8 mm ±5% Color/numbering of wires bk numbered, gnye longitudinally striped Shield no Material (jacket) PVC Material (jacket) SCFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 80 ± 5 A Outer-Ø (jacket) 6.5 mm ±5% Color (jacket) <td< td=""><td></td><td></td></td<>		
Material (wire) Cu wire, bare Resistor (core) max. 26 Ω/km (20 °C) Single wire Ø (core) 0.2 mm Construction (core) 24 × 0.2 mm (multi-strand wire class 5) Diameter (core) 4 × 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D Wire-Ø incl. isolation 1.8 mm ±5% Color/numbering of wires bk numbered, gnye longitudinally striped Shield no Material (jacket) PVC Material (jacket) PVC Material (jacket) PVC Shrendness (giacket) 80 ± 5 A Outer-Ø (jacket) 6.5 mm ±5% Color (jacket) 6.5 mm ±5% Color (jacket) black chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage 300/500 V AC Test voltage 3000 V AC		
Resistor (core)max. 26 Ω/km (20 °C)Single wire Ø (core)0.2 mmConstruction (core)24× 0.2 mm (multi-strand wire class 5)Diameter (core)4× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchardness (jacket)80 ±5 AOuter-Ø (jacket)blackcolor (jacket)black <t< td=""><td></td><td></td></t<>		
Single wire Ø (core)0.2 mmConstruction (core)24× 0.2 mm (multi-strand wire class 5)Diameter (core)4× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Construction (core)24× 0.2 mm (multi-strand wire class 5)Diameter (core)4× 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC	· · · ·	
Diameter (core)4 × 0.75 mm²AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC	· · · ·	
AWGsimilar to AWG 18Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackcolor (jacket)blackcolor (jacket)300/500 V ACTest voltage3000 V AC	· · ·	
Material (wire isolation)PVCMaterial property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Material property (wire isolation)CFC-, cadmium-, silicone- and lead-freeShore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Shore hardness (wire isolation)43 ±5 DWire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Wire-Ø incl. isolation1.8 mm ±5%Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Color/numbering of wiresbk numbered, gnye longitudinally stripedStranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Stranding combination4 wires twistedShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
ShieldnoMaterial (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Material (jacket)PVCMaterial property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Material property (jacket)CFC-, cadmium-, silicone- and lead-freeShore hardness (jacket)80 ±5 AOuter-Ø (jacket)6.5 mm ±5%Color (jacket)blackchemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Shore hardness (jacket) 80 ±5 A Outer-Ø (jacket) 6.5 mm ±5% Color (jacket) black chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage 300/500 V AC Test voltage 3000 V AC	5 ,	
Outer-Ø (jacket) 6.5 mm ±5% Color (jacket) black chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage 300/500 V AC Test voltage 3000 V AC		
Color (jacket) black chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage 300/500 V AC Test voltage 3000 V AC		
chemical resistancegood resistance to oil, gasoline and chemicalsNominal voltage300/500 V ACTest voltage3000 V AC		
Nominal voltage 300/500 V AC Test voltage 3000 V AC		
Test voltage 3000 V AC		
Current load capacity to DIN VDE 0298-4	-	
	Gurrent load capacity	

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 02/21

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



Temperature range (fixed)	-30+70 °C
Temperature range (mobile)	-5+70 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Jacket Color	black
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879711036
eClass	27279218
Packaging unit	1

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 02/21

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com