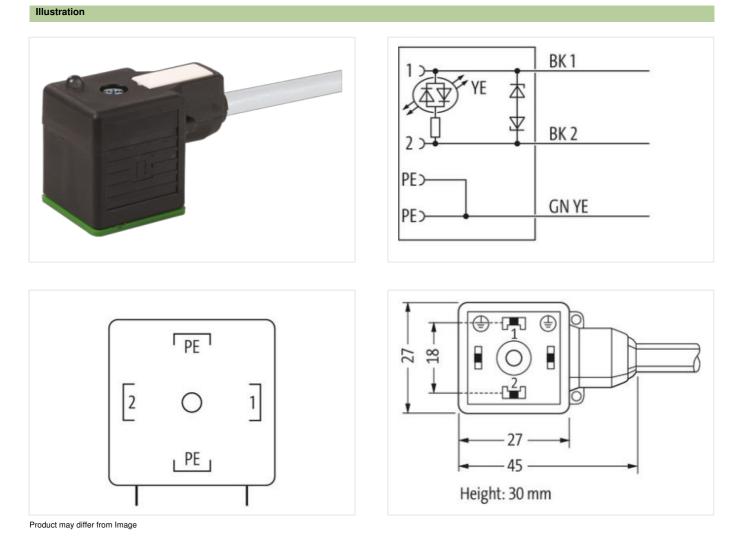


MSUD valve plug A-18mm with cable

PUR 3x0.75 gy UL/CSA+drag ch. 1.5m

MSUD Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Bridged PE 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



CE **6**P

Cable length

1,5 m

Side 1

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no



Family construction formMThreadMMaterialPDegree of protection (EN IEC 60529)IFCommercial data2ECLASS-6.02ECLASS-6.12ECLASS-7.02ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8	20 ms
ThreadMMaterialPDegree of protection (EN IEC 60529)IFCommercial dataEECLASS-6.02ECLASS-6.12ECLASS-7.02ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1	M3 PBT IP67 27279218 27279218 27279218 27279218 27060312 27060312 27060312 27060312 27060312 EC001855 85444290 4048879194044 1 20 ms
MaterialPDegree of protection (EN IEC 60529)IFCommercial dataECLASS-6.02ECLASS-6.12ECLASS-7.02ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1	PBT IP67 27279218 27279218 27279218 27279218 27060312 27060312 27060312 27060312 27060312 27060312 27060312 27060312 2001855 85444290 4048879194044 1
Degree of protection (EN IEC 60529)IFCommercial data2ECLASS-6.02ECLASS-6.12ECLASS-7.02ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1	IP67 27279218 27279218 27279218 27060312 27060312 27060312 27060312 27060312 EC001855 85444290 4048879194044 1 20 ms
Commercial dataECLASS-6.02ECLASS-6.12ECLASS-7.02ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1	27279218 27279218 27279218 27060312 27060312 27060312 27060312 27060312 EC001855 85444290 4048879194044 1
ECLASS-6.0 2 ECLASS-6.1 2 ECLASS-7.0 2 ECLASS-8.0 2 ECLASS-9.0 2 ECLASS-10.1 2 ECLASS-11.1 2 ECLASS-12.0 2 ETIM-5.0 E customs tariff number 8 GTIN 4 Packaging unit 1	27279218 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879194044 1
ECLASS-6.1 2 ECLASS-7.0 2 ECLASS-8.0 2 ECLASS-9.0 2 ECLASS-10.1 2 ECLASS-11.1 2 ECLASS-12.0 2 ETIM-5.0 E customs tariff number 8 GTIN 4 Packaging unit 1	27279218 27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879194044 1
ECLASS-7.0 2 ECLASS-8.0 2 ECLASS-9.0 2 ECLASS-10.1 2 ECLASS-11.1 2 ECLASS-12.0 2 ETIM-5.0 E customs tariff number 8 GTIN 4 Packaging unit 1	27279218 27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879194044 1
ECLASS-8.02ECLASS-9.02ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1	27279218 27060312 27060312 27060312 27060312 EC001855 85444290 4048879194044 1 20 ms
ECLASS-9.022ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1	27060312 27060312 27060312 27060312 EC001855 85444290 4048879194044 1 20 ms
ECLASS-9.022ECLASS-10.12ECLASS-11.12ECLASS-12.02ETIM-5.0Ecustoms tariff number8GTIN4Packaging unit1	27060312 27060312 27060312 27060312 EC001855 85444290 4048879194044 1 20 ms
ECLASS-11.122ECLASS-12.022ETIM-5.0Ecustoms tariff number83GTIN44Packaging unit1	27060312 27060312 EC001855 85444290 4048879194044 1 20 ms
ECLASS-12.022ETIM-5.0Ecustoms tariff number82GTIN44Packaging unit1	27060312 EC001855 85444290 4048879194044 1 20 ms
ECLASS-12.022ETIM-5.0Ecustoms tariff number82GTIN44Packaging unit1	EC001855 85444290 4048879194044 1 20 ms
customs tariff number88GTIN44Packaging unit1	85444290 4048879194044 1 20 ms
GTIN 4 Packaging unit 1	4048879194044 1 20 ms
GTIN 4 Packaging unit 1	4048879194044 1 20 ms
Packaging unit 1	20 ms
	20 ms
Capacity CX 2	
Electrical data Supply	
	24 V
	19,2 V
	28,8 V
	24 V
	18 V
	30 V
	55 V
	4 A
	15 mA
Diagnostics	
	yellow
, ,	yenow
Installation Connection	
	M3
Device protection Electrical	
Additional condition protection degree in	inserted, screwed
Pollution Degree 3	3
5 5	0,8 kV
Material group (IEC 60664-1)	
Additional suppressor D	Diode, Z-Diode
Mechanical data Material data	
Coating locking ve	verzinkt
Coating of fitting ve	verzinkt
Color housing b	black
Material gasket P	PUR
Locking material S	Steel
Material screw connection S	Steel
Mechanical data Mounting data	
	inserted, screwed

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no



Environmental characteristics | Climatic

Additional condition temperature range depending on cable quality Installation 266 Cable distriction 256 Cable Type 3 Printing color of wire insulation white (isolation blackly) Stacket Color gray Type of Cattricte c.PLFus Amount stranding 1 Stranding wires twisted Weire arrangement black 1. black 2. grean yollow No. of bending cycles (C-rack) 10 Mo. @ 25 °C Cable weight 65.1 grin Material jackst PUF Strone handness jackst 90 ± 5 Shore A Freedom from ingredients gackst] 10 Mo. @ 25 °C Outer diamoter (jackst) 5.5 °m Outer diamoter (jackst) 5.9 °m Amount transit (jackst) 1.85 °m Outer diamoter (jackst) 1.85 °m Outer diamoter (jackst) 1.85 °m Diamoter trelation 1.85 °m	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Installation 266 Cable distriction 256 Cable Type 3 Printing color of wire insulation white (isolation blackly) Stacket Color gray Type of Cattricte c.PLFus Amount stranding 1 Stranding wires twisted Weire arrangement black 1. black 2. grean yollow No. of bending cycles (C-rack) 10 Mo. @ 25 °C Cable weight 65.1 grin Material jackst PUF Strone handness jackst 90 ± 5 Shore A Freedom from ingredients gackst] 10 Mo. @ 25 °C Outer diamoter (jackst) 5.5 °m Outer diamoter (jackst) 5.9 °m Amount transit (jackst) 1.85 °m Outer diamoter (jackst) 1.85 °m Outer diamoter (jackst) 1.85 °m Diamoter trelation 1.85 °m	Operating temperature min.	-25 °C
Institution (Cable Cable Step Cable Step	Operating temperature max.	85 °C
Cable identification286Cable Type3Cable Type3Printing Octor dive insulationwhile ideation black)Jacket ColorgrayType of CarlifoneCLPLusWinner stranding1StrandingSines twistedwise arrangementblack 1, Dack 2, green-yellowNo. of beading oyolas (C-track)10 Mo. @ 25 °GCable weighSei 1, Sine K, green-yellowNo. of beading oyolas (C-track)10 Mo. @ 25 °GCable weighSei 1, Sine K, green-yellowNo. of beading oyolas (C-track)10 Mo. @ 25 °GCable weighSei 5 hore AFreedom Tion Tingrodiols (gakcet)10 Mo. @ 25 °GCable arcegin or ingringrodiols (gakcet)10 Mo. @ 25 °GCable arcegin or ingringrodiols (gakcet)10 Mo. @ 25 °GCable arcegin or ingringrodiols (gakcet)10 Mo. @ 26 °GCable arcegin or ingringrodiol (free), shalogen free, shlocen freePrinting octor of wire insulation14 % (socalion black)Arcent arcegin insulation10 S °GMount arcegin (free), shlocen (free), blaceCarle arcegin (free), shlocen (free), blaceCarle arcegin (free), shlocen (free), blaceDirender arcegin (free), blace <tr< td=""><td>Additional condition temperature range</td><td>depending on cable quality</td></tr<>	Additional condition temperature range	depending on cable quality
Gable Type 3 Printing color of wire insulation while (iduation black) (iduated) Locket Color gray Type of Carlinate U/Fus Anount stranding 1 Stranding 3 wires twisted wire a transgement black 1, black 2, green-yellow No. of bending crystes (C-track) 10 Mo. © 25 °C Cable wight 56, 1 grn Material jacket 00 ± 5 Shore A Evene hardness jacket 00 ± 5 Shore A Evene hardness jacket 00 ± 5 Shore A Cadue wight 5 % Cadue diameter (sheath) 4 5 % Material wire insulation PP Anount wires 3 Outer diameter insulation 1,85 rm Outer diameter insulation 1,85 rm Outer diameter insulation 1,95 % Shore hardness wire insulation 1,85 rm Outer diameter insulation 1,95 % Shore hardness wire insulation 1,95 % Cardinater the insulation 1,95 % Shore hardness wire insulation 1,95 %	Installation Cable	
Gable Type 3 Printing color of wire insulation while (iduation black) (iduated) Locket Color gray Type of Carlinate U/Fus Anount stranding 1 Stranding 3 wires twisted wire a transgement black 1, black 2, green-yellow No. of bending crystes (C-track) 10 Mo. © 25 °C Cable wight 56, 1 grn Material jacket 00 ± 5 Shore A Evene hardness jacket 00 ± 5 Shore A Evene hardness jacket 00 ± 5 Shore A Cadue wight 5 % Cadue diameter (sheath) 4 5 % Material wire insulation PP Anount wires 3 Outer diameter insulation 1,85 rm Outer diameter insulation 1,85 rm Outer diameter insulation 1,95 % Shore hardness wire insulation 1,85 rm Outer diameter insulation 1,95 % Shore hardness wire insulation 1,95 % Cardinater the insulation 1,95 % Shore hardness wire insulation 1,95 %	Cable identification	236
Printing color of wire insulation white (solution black) Jacket Cloir gray Type of Cenfitche URus Anount stranding 1 Stranding Swires twisted wire a trangement black 1, Back 2, green-yellow No. of bending cycles (C-track) 10 Mio. @ 25 °C Colle weigh 55 3 fym Material jacket PUR Shore hardness jacket 90 5 Shore A Freedom from ingedients (jacket) 15 5 %m Tolerance user difference candmum-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 5 5 % Material vire insulation PP Annoutt vires 3 Outer diameter insulation 1.5 mm Outer diameter insulation 70 5 Shore D Ingredem Inferences wire insulation 1.5 mm Outer diameter insulation 1.40 (calation black) Anount vires 3 Diameter of single wires 0.15 mm Card vires insulation 1.40 (calation black) Anount vires 5 % Diameter of single wires		
Jacket Color gray Type of Certificatie cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, Nan 2, green yellow No. of bending cycles (C-track) 10 Mo. @ 25 °C Cable weight 56,1 grn Material jacket PUR Shore hardness jacket 90,4 5 Shore A Freedom from ingredients (jacket) 5,9 rm Colar damotier (jacket) 5,9 rm Toferance outer diameter (seath) 5,9 rm Outer diameter (seath) 5,9 rm Colar diameter insulation PP Amount wires 3 Outer diameter insulation 1,95 rm Colar diameter insulation 70,5 Shore D Ingredient freeness wire insulation 70,5 Shore D Dimender display wires 0,15 rm Conductor tyre insulation 19,6 Shore D Dimender display wires 0,15 rm Conductor tyre insulation 7,5 rm Conductor tyre insulation 10 m @ 25 % Infoizontal Conductor type (wire) 10 m @ 25 %		
Type of Certificate cUPus Amount strainding 1 Strainding 3 wirse twisted Strainding 3 wirse twisted Strainding 10 Mio. @ 25 % C Cable weight 56.1 g/m Material jacket PUR Shore hardness jacket 90.5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, allicone-free Outer -diameter (jacket) 5.5 % Material jacket 90.5 % Outer diameter (insulation PP Amount wire insulation 185 m Outer diameter insulation 1.5 % Shore hardness wire insulation 1.5 % North dranses wire insulation 1.5 % North dranses wire insulation 1.5 % North dranses wire insulation 1.5 % Diameter of single wires 0.15 mm Conductor crossection (wire) 0.2 for min Conductor vire Stranded copper wire, bare Outer diameter (e1-rack) 10 m @ 25 for [Intraonal Conductor vire Stranded copper wire, bare Cond	-	
Amount stranding 1 Stranding 3 wires twisted wire arrangement Biak 1, biak 2, green-yellow No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weight 56,1 g/m Material jacket PUR Shore hardness jackat 90 ± 5 Shore A Freedom from ingredients (jacket) 5,9 mm Cable weight 5,9 mm Tolerance outer diameter (jacket) 5,9 mm Outer diameter (jacket) 5,9 mm Outer diameter insulation PP Amount wires 3 Outer diameter insulation 1,85 mm Outer diameter insulation 1,5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 16aof free, cadmium free, CPC-free, halogen-free, billione-free Printing outor of wire insulation 10 ± 5 % Diameter of single wires 0,15 mm Conductor trossection (wire) 42 Diameter of single wires 0,15 mm Conductor trossection (wire) 87 mode Conductor type (wire) 10 m @ 25 °C norizontal		
Stranding 3 wires twisted wire arrangement black 1. black 2. green yellow No. of bending cycles (C+track) 10 Mix @ 28 °C Cable weigh 66.1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom trom ingredients (gacket) lead-free, cadmium-free, CPC-free, halogen-free, silicone-free Outer-diameter (gacket) 5.9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Anount wices 3 Outer diameter insulation 1.85 mm Outer diameter insulation 1.2 S Nr Shore hardness wire insulation 1.2 S Nr Diardet releance outer insulation 1.2 S Nr North wires 3 Outer diameter insulation 1.2 S Nr Ingredient freenees wire insulation 1.6 S mm Canductor wires insulation 1.9 S S Nore D Ingredient freenees wire insulation 1.9 S from P Canductor wires consection (wire) 0.7 S mm ² Diameter of single wires 0.15 mm Conductor wire insulation		
wire arrangament black 1, black 2, green-yellow No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigh 65, 1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) Iead*ree, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5.9 mm Tolerance outer diameter (jacket) 5.9 mm Outer-diameter insulation PP Annount wies 3 Outer diameter insulation 1,85 mm Outer diameter insulation white (solation black) Annount stands (wire) 42 Dimeter of single wires 0,15 mm Conductor yee (wire) Stranded copper wire, bare Co		
No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigh 56,1 g/m Material Jackat PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredents (lacket) Iead-tree, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (iscelt) ± 5 % Material Jackit PP Amount wires 3 Outer diameter (shealth) ± 5 % Material Jackit 70 ± 5 Shore A Shore hardness wire insulation 1,85 mm Outer diameter tolerance core insulation ± 5 % Monont stress wire insulation 19 ± 5 Shore D Ingredient freeness wire insulation 19 ± 5 Shore D Ingredient freeness wire insulation Head-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation White (solation black) Anount strands (wire) 42 Diameter of single wires 0,15 mm Conductor type (wire) Strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VEE C298.4 Current load capacity (standard) 50 N V Power fre		
Cable weigh 56,1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5.5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1.85 mm Outer diameter insulation 1.85 mm Outer diameter insulation 70 ± 5 Shore D Ingredient free-swire insulation 1.95 % Shore hardness wire insulation 1.95 % Shore hardness wire insulation white (solation black) Amount stands (wire) 42 Diameter of single wires 0,15 mm Conductor type (wire) strand dass 6 Traversing distance (C-track) 10 m @ 25 °C (I horizontal Current load capacity (standard) to IN VDE 0284-4 Current load capacity (standard) 2.5 kV @ 60 s Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (statc) -40 °C Mex. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed)	-	
Material jacket PUR Shore hardness jacket 90.5 Shore A Freedom from ingredients (jacket) 5.9 mm Outer-diameter (jacket) 5.9 mm Tolerance outer diameter (jacket) 5.9 mm Material wire insulation PP Amount wires 3 Outer diameter (jacket) 1.8 mm Outer diameter insulation 1.8 mm Outer diameter insulation 1.8 fm Outer diameter insulation 1.8 fm Shore hardness wire insulation 1.84 fme, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation Head free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation Head free, cadmium-free, CFC-free, halogen-free, silicone-free Anount strands (wire) 42 Diameter of single wires 0.15 mm Conductor wire Stranded copper wire, bare Conductor traves (wire) 0.75 mm? Material conductor wire Strand class 6 Traversing distance (Inceonstant wire) 1.0 IN VDE 0289.4 Current load capacity (standard) to DIN VDE 0289.4 Cu		
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,85 mm Outer diameter insulation 1,85 mm Outer diameter insulation 1,6 % Shore hardness wire insulation 1,85 mm Outer diameter of leaves swire insulation white (solation black) Amount strands (wire) 42 Diameter of sing wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copocity (min.		
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 5.9 mm Tolerance outer diameter (sheath) 2.5 % Amount wires 3 Outer diameter insulation 1.85 mm Outer diameter insulation 1.85 mm Outer diameter insulation 1.85 mm Outer diameter insulation 70 ± 5 Shore D Ingredient teeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor rossection (wire) 0.75 mm ² Conductor vive (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C [horizontal Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ωkm @ 20 °C Nominal voltage power AC max. 300 V Power fraquency withstand voltage power 2,5 kV @ 60 s AC withstand voltage power (wite-wire) 2,5 kV @ 60 s Min. operating temperature (tisket) 40 °C Min. operating temperature (tisket) 25 °C Operating temperature (tisket) 40 °C Min. operating temperature (tisket) 40 °C <tr< td=""><td>-</td><td></td></tr<>	-	
Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (cheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1.85 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 1.2 5 Nore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor type (wire) stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 D/km @ 20 °C Nominal voltage power (k/cre -wire) 2.5 kV @ 60 s <td>-</td> <td></td>	-	
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1.85 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation white (isolation black) Amount stands (wire) 42 Diameter of single wires 0.15 mm Conductor orssection (wire) 0.75 mm ² Conductor viressection (wire) 0.75 mm ² Conductor viressection (wire) 9.75 mm ² Conductor viressection (wire) 0.75 mm ² Conductor vires (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0288-4 Current load capacity (standard) to DIN VDE 0288-4 Current load capacity win, wire 12 A Electrical resistance line constant wire 25 G/km @ 20 °C Nominal voltage power (wire - wire) 2,5 KV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (stati		-
Material wire insulation PP Amount wires 3 Outer diameter insulation 1,85 mm Outer diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0,75 mm ² Material conductor wire Stranded copper wire, bare Conductor vires Stranded copper wire, bare Conductor wire) strande class 6 Traversing distance (C+track) 10 m @ 25 °C horizontal Current load capacity min. wire 12 A Electrical resistance ine constant wire 26 Ωkm @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (statc) 40 °C Max. operating temperature (statc)		·
Amount wires 3 Outer diameter insulation 1.85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0.75 mm ² Conductor vive insulation white (isolation black) Material conductor wire Stranded copper wire, bare Conductor crosssection (wire) 0.75 mm ² Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C [horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity withstand voltage power (wire - wire) 2,5 kV @ 60 s Minia voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire)	· · · · ·	
Outer diameter insulation 1,85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Prining color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor crossection (wire) 0.75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s Min. operating temperature (fixed) 40 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation		
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation Iead-Free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor cossection (wire) 0.75 mm ² Conductor type (wire) stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 049-4 Cechcia presistance line constant wire 26 Ωkm @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s		
Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor cosssection (wire) 0.75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity withstand voltage power 25 kV @ 60 s Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature (static) -40 °C Operating temperature (static) -60 °C Max. operating temperature (stacd) 80 °C / 90 °C @ 10000 h Operation)
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crossection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)26 Ω/rm @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAc withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)80 °C / 90 °C @ 10000 h OperationOperating temperature (static)80 °C / 90 °C @ 10000 h OperationFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceDivel HN 60811-404 Good, application-related testingOil resistanceDi VLet diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Min.So volter diameterNo.Corrent cyclesse2 Min.Corrent cyclesse2 Min.Corrent cyclesse2 No.Corre		
Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crossection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Contextand voltage power A(max. 300 V Adwithstand vo		
Amount strands (wire)42Diameter of single wires0.15 mmConductor crosssection (wire)0.75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)stranded copper wire, bareCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sMin: operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOll resistanceGood, application-related testingGasoline resistanceGood, application-related testingOll resistanceDiv Outer diameterBending radius (fixed)5 x Outer diameterBending radius (fixed)5 x Outer diameterN		-
Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sMire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (static)-25 °COperating temperature (static)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOll resistanceGood, application-related testingOll resistanceGood, application-related testingOll resistanceJN NE N6811-404 Good, application-related testingBending radius (fixed)5 × Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	-	
Conductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ø/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAc withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (fixed)40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceDIN NE 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterNo. of torsion cycles2 Mino.No. of torsion cycles2 Mino.Torsion speed35 cycles/min	· · ·	
Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1000 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 × Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	-	
Conductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (min. (dynamic))-25 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1000 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		
Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (ixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)-25 °COil resistanceGood, application-related testingGasoline resistanceU L 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2Chemical resistanceGood, application-related testing <t< td=""><td></td><td></td></t<>		
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Q/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		
Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		
Electrical resistance26 Q/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		
Nominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		
Power frequery (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		
(wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		300 V
Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090 EC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	(wire - jacket)	
Max. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		
Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min		
Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min		
Flame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min		
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min		
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min		
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min		
Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Oil resistance	DIN EN 60811-404 Good, application-related testing
No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Bending radius (fixed)	5 x Outer diameter
Torsion speed 35 cycles/min	Bending radius (dynamic)	10 x Outer diameter
	No. of torsion cycles	2 Mio.
Torsion stress ± 180 °/m	Torsion speed	35 cycles/min
	Torsion stress	± 180 °/m

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no