

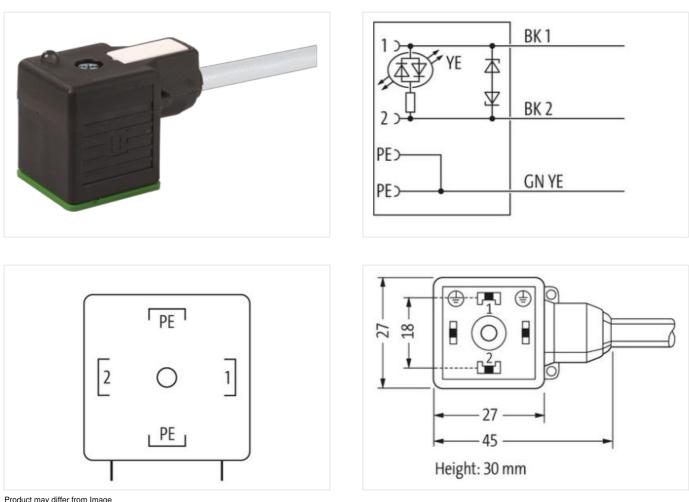
## MSUD valve plug A-18mm with cable

PUR 3x0.75 gy UL/CSA 4m

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

Illustration



Product may differ from Image



Cable length

4 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: 2024-05-19

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



Family construction form         MSUD A           Thread         M3           Marinal         PBT           Degree of protection (EN EC 65:29)         IPS7           Commercial data         PBT           ECLASS 6.0         27279218           ECLASS 5.1         27279218           ECLASS 6.0         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27050312           ECLASS 7.1.1         27060312           ECLASS 7.1.1         27060312           ECLASS 7.2         29050312           ETM 5.0         Ecol1855           austons tariff number         8544250           GTN         4088787748           Packaging unit         1           Electrical data         Ecol1855           Gapach CK         2V           Oparating voltage AC min.         19.2 V           Oparating voltage AC min.         19	Tightening torque	0,4 Nm
Triesd         M3           Maarial         PBT           Degroo of protection (EN EC 05029)         IP67           Commercial data         E           EGLASS.6.0         2727218           EGLASS.7.0         2727218           EGLASS.7.0         2727218           EGLASS.7.0         2727218           EGLASS.7.0         272050312           EGLASS.7.0         27060312           EGLASS.7.1         27060312           EGLASS.7.2         27060312           EGLASS.7.1         27060312           EGLASS.7.1         27060312           EGLASS.7.2         2606312           EGLASS.7.2         27060312           EGLASS.7.2         27060312           EGLASS.7.2         27060312           EGLASS.7.2         27060312           EGLASS.7.2         27060312           Eglascin Cast         27072173	Mounting method	inserted, screwed
Material         PBT           Degres of protocion (EN EG 6502)         IPE7           Commercial dis         PE7           ECLASS 6.0         22727818           ECLASS 6.1         22727818           ECLASS 7.0         22727818           ECLASS 7.0         2727818           ECLASS 7.0         2727818           ECLASS 7.0         27260312           ECLASS 7.0         27060312           ECLASS 7.0         201632           EcheCial dia ISUPY         201697           Derectad ASSUPY         201697<	Family construction form	MSUD A
Degree of protection (EN IEC 60529)         IP67           Commercial data            ECLASS-6.0         27278218           ECLASS 7.0         27278218           ECLASS 7.0         27278218           ECLASS 8.0         27050312           ECLASS 8.10         27060312           ECLASS 8.10         27060312           ECLASS 8.10         27060312           ECLASS 8.10         27060312           ECLASS 9.10         27074788           Packaging unt         1           Electical data         270747788           Oparating voltage AC         24 V           Oparating vol	Thread	M3
Connecial dataECIASS-8.027279218ECIASS-7.027279218ECIASS-7.027279218ECIASS-8.027279218ECIASS-8.027060312ECIASS-8.10.127060312ECIASS-10.127060312ECIASS-11.127060312ECIASS-12.027060312ECIASS-12.027060312ECIASS-12.027060312ECIASS-13.127060313ECIASS-13.1270	Material	PBT
ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS 7.0     27279218       ECLASS 7.0     27000312       ECLASS 7.0     2000185       ECLASS 7.0     2000185       EDADE AC     24 V       Operating voltage AC max.     28 V       Operating voltage AC max.     30 V       Current operating voltage AC max.     30 V       Current operating voltage AC max.     4A       Current operating voltage CC max.     30 V       Curent o	Degree of protection (EN IEC 60529)	IP67
ECLASS 6.1     27279218       ECLASS 7.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0     27060312       ECLASS 8.10.1     27060312       ECLASS 8.10.1     27060312       ECLASS 8.12.0     27060312       ECLASS 9.12.0     27060312       ELECHARD 4.0     27060312       ELECHARD 4.0     27060312       ELECHARD 4.0     270       Operating voltage 0.0     24 V       Operating voltage 0.0     24 V	Commercial data	
EGLASS 7.0         27278218           EGLASS 8.0         27278218           EGLASS 9.0         27060312           EGLASS 9.10         27060312           EGLASS 9.11         27060312           EGLASS 9.12         27060312           EGLASS 9.12         27060312           EGLASS 9.12.0         27060312           EGLASS 9.10         27060312           EGLASS 9.10         27060312           EGLASS 9.10         27060312           EGLASS 9.11         27060312           EGLASS 9.12         27060312           EGLASS 9.10         27060312           EGLASS 9.11         49887874748           Packaging unit         1           Electrical data         Elopty           Capacity CX         20 ms           Electrical data         Elopty           Oparating voltage AC min.         19.2 V           Oparating voltage AC min.         19.2 V           Oparating voltage AC min.         19.2 V           Oparating voltage DC         24 V           Oparating voltage DC max.         30 V           Current oparating voltage DC max.         55 V           Current oparating voltage DC max.         4 A           Current oparat	ECLASS-6.0	27279218
ECLASS-8.02729218ECLASS-8.027060312ECLASS-11.127060312ECLASS-12.027060312ECLASS-13.0EC010555cuatoms tall number8544230GTIN4048278974748Packaging unit1Etectical dataSumpEtectical dataSumpEtectical dataSumpEtectical dataSumpOperating voltage AC24 VOperating voltage AC man.19.2 VOperating voltage AC man.19.2 VOperating voltage AC man.19.2 VOperating voltage AC man.19.2 VOperating voltage DC24 VOperating voltage DC30 VCurrent consumption max.15 FADistriction Compinstred, screwedPoltuno Degree3Anated actorition protection degreeinstred, screwedPoltuno Degree3Anated	ECLASS-6.1	27279218
ECLASS-9.0     27080312       ECLASS-10.1     27080512       ECLASS-11.1     27080512       ECLASS-12.0     27080512       ECLASS-11.1     27080512       ECLASS-12.0     27080512       ECLASS-11.1     EC001855       eucoinons larif number     B544290       GTIN     4049879874748       Packaging unit     1       Electrical data     Electrical data       Electrical data     Electrical data       Deparating voltage AC     24 V       Operating voltage AC max.     28 B V       Operating voltage AC max.     28 B V       Operating voltage AC max.     28 B V       Operating voltage DC max.     30 V       Current consumption max.     15 W       Operating voltage DC max.     30 V       Current consumption max.     15 mA       Dageotis     User       Dageotis     User       Status indication LED     yellow       Installation I Connection     Installation I Connection       Pollution Degree     3       Rated surge voltage     0.8 kV       Metorial gate I Material distal     Installation I Connection       Pollution Degree     3       Rated surge voltage     0.8 kV       Metorial gate I Material data     User/inkt <td>ECLASS-7.0</td> <td>27279218</td>	ECLASS-7.0	27279218
ECLASS 10.1     27000312       ECLASS 11.1     27000512       ECLASS 12.0     27000512       ETIM-5.0     EC001955       outoms tarff number     8544280       GTIN     404879874748       Packaping unit     1       Electrical data     Commental State	ECLASS-8.0	27279218
ECLASS-11.1     27060312       ECLASS-12.0     27060312       ECLASS-12.0     27060312       ECLASS-12.0     E70001855       customs tariff number     85444290       GTIN     404878674748       Peckaging unit     1       Electrical data     Capacity CX       Operating voltage AC     24 V       Operating voltage AC     24 V       Operating voltage AC min.     19.2 V       Operating voltage AC max.     28.8 V       Operating voltage AC min.     18 V       Operating voltage DC max.     30 V       Curent operating voltage max.     55 V       Current operating per contact max.     4 A       Current operating per contact max.     4 A       Current operating per contact max.     4 A       Current operating voltage max.     55 V       Current operating voltage MC     4 A       Datio dation LED     wellow<	ECLASS-9.0	27060312
ECLASS-12.0     27060312       ETIM 5.0     EC001855       ecupions taiff number     85444200       GTIN     4048878874748       Packaging unit     1       Electrical data     Capacity CX       Capacity CX     20 ms       Electrical data   Supply     Coms       Operating voltage AC     24 V       Operating voltage AC man.     19.2 V       Operating voltage AC man.     28.8 V       Operating voltage DC     24 V       Operating voltage DC max.     30 V       Cur-ot operating per contact max.     4 A       Current consumption max.     15 mA       Dlagostic     User       Voltage max     55 V       Current operating per contact max.     4 A       Diagostic     User       Status indication LED     yellow       Instaliation I Connection     V       Polivicon Degree     3       Pated surge voltage     0.8 kV       Material gasty VIEC 60664-1)     I       Additional condition pr	ECLASS-10.1	27060312
ETIM 5.0     EC001855       customs tariff rumber     85444290       GTIN     4048879674748       Packaging unit     1       Electrical data        Electrical data     Sumo       Electrical data     Sumo       Deprating voltage AC     24 V       Operating voltage AC max.     18 V       Operating voltage DC     24 V       Operating voltage DC max.     30 V       Current operating voltage DC max.     30 V       Current operating voltage PC     yellow       Installation IED     yellow       Installation IED     yellow       Installation I Connection     Ma       Policing protection I Electrical       Additional contifion protection degree     inserted, screwed       Pollution Degree     3       Rated argung (IEC 60664-1)     I       Additional suppressor     Diode, Z Diode       Material argung (IEC 60664-1)     I       Coating of titing     verzinkt       Coating of titing     verzinkt       Coating of titing     Verzinkt       Coating of titing     Verzinkt <td>ECLASS-11.1</td> <td>27060312</td>	ECLASS-11.1	27060312
customs tariff number         85444290           GTIN         4048879874748           Packaging unit         1           Electrical data         Capacily CX           Electrical data         Sum s           Operating voltage AC max.         28.8 V           Operating voltage DC max.         28.8 V           Operating voltage DC max.         30 V           Current opersymptom max.         15 mA           Operating voltage DC max.         15 mA           Diagnostics         Sum s           Status indication LED         yellow           Installation   Connection         Ma           Device protection i electrical         Mace           Additional condition protection degree         Isented, screwed           Pollution Degree         3           Batel surge voltage         0.8 kV           Material gasket         Verzinkt           Coatin jocing         <	ECLASS-12.0	27060312
GTIN     4048879874748       Packaging unit     1       Electrical data     20 ms       Electrical data (Supply)     Electrical data (Supply)       Operating voltage AC     24 V       Operating voltage AC min.     19.2 V       Operating voltage AC min.     19.2 V       Operating voltage AC max.     28,8 V       Operating voltage DC     24 V       Operating voltage DC     24 V       Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Current operating per contact max.     4 A       Current operating per contact max.     4 A       Current operating per contact max.     15 mA       Diagnostics     Jelow       Itastialido ICD     yelow       Itastialido ICD concetion     Jelow       Mounting set     M3       Device protection I Electrical     Jelow       Additional condition protection degree     3       Pated surge voltage     0,8 kV       Material gauge group (EC 60664-1)     I       Additional suppresero     3       Costing locking     verzinkt       Costing locking     verzinkt       Costing locking     Verzinkt       Costing locking     Verzinkt       Costing locking     Bele	ETIM-5.0	EC001855
Packaging unit     1       Electrical data     Capacity CX     20 ms       Electrical data [Supply     Depreting voltage AC     24 V       Operating voltage AC     24 V       Operating voltage AC     24 V       Operating voltage AC min.     19.2 V       Operating voltage AC max.     28.8 V       Operating voltage DC max.     28.4 V       Operating voltage DC max.     30 V       Operating voltage DC max.     30 V       Operating voltage DC max.     30 V       Curi of preating per contact max.     4 A       Current operating oper contact max.     4 A       Current operating oper contact max.     4 A       Current operating per contact max.     4 A       Current operating oper contact max.     4 A       Current operating oper	customs tariff number	85444290
Electrical data           Capacity CX         20 ms           Electrical data   supply           Operating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage AC max.         28.8 V           Operating voltage DC         24 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Cut-oft peak voltage max.         55 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Daignostic         Jointow           Installation I Connection         yellow           Installation I Connection Geree         inserted, screwed           Politoin Degree         3           Politoin Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Additional uppreser         Diole, Z-Diole           Mechnical data   Material data         Yer.inkt           Coating locking         ver.inkt           Coating lo	GTIN	4048879874748
Capacity CX         20 ms           Electrical data   Supply         24 V           Operating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage DC         24 V           Operating voltage DC         24 V           Operating voltage DC max.         30 V           Operating voltage DC max.         55 V           Current operating per contact max.         4 A           Diagnostic         biolovenoventettettettettettettettettettettettette	Packaging unit	1
Electrical data   Supply         Operating voltage AC       24 V         Operating voltage AC max.       28.8 V         Operating voltage AC max.       28.8 V         Operating voltage DC       24 V         Operating voltage DC min.       18 V         Operating voltage DC max.       30 V         Cut-off peak voltage max.       55 V         Current operating per contact max.       4 A         Current operating per contact max.       4 A         Current operating per contact max.       15 mA         Diagnostics       Istatis indication LED         Voltage AC       yellow         Installon   Connection       Vellow         Bave spotection   Electrical       Most         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (EC 60664-1)       I         Additional condition protection dagree       index/concent         Voltage Soltage       0.8 kV         Material group (EC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Meterial data   Material data       Verzinkt         Coating locking       black	Electrical data	
Operating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         24 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Diagnostics         Vellow           Installation I Connection         yellow           Installation I Connection         M3           Device protection I Electrical         Additional condition protection degree           Pollution Degree         3           Reted surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data [ Material data         Verzinkt           Coating of fitting         verzinkt           Coating of fitting         verzinkt           Coating of fitting         Steel           Material gasket         PUR           Locking material         Steel	Capacity CX	20 ms
Operating voltage AC min.         19,2 V           Operating voltage AC max.         28,8 V           Operating voltage DC max.         24 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Cut-off peak voltage max.         55 V           Current operating per contact max.         4 A           Current operating per contact max.         15 mA           Diagnostics         Status indication LED         yellow           Installation   Connection         Max         Max           Policion protection degree         inserted, screwed         Policion Degree           Rated surge voltage         0.8 kV         Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode         Mechanical data   Material data         Coating of fitting         verzinkt           Coating of fitting         verzinkt         Coating of fitting         Verzinkt         Coating of fitting         Steel           Material gasket         PUR         Steel	Electrical data   Supply	
Operating voltage AC max.     28,8 V       Operating voltage DC     24 V       Operating voltage DC     24 V       Operating voltage DC min.     18 V       Operating voltage DC max.     30 V       Cut-off peak voltage max.     55 V       Current operating per contact max.     4 A       Current consumption max.     15 mA       Diagnostics     Status indication LED       yellow     Installation   Connection       Mounting set     M3       Device protection   Electrical       Additional condition protection degree     3       Plated surge voltage     0,8 kV       Material group (IEC 60664-1)     I       Additional suppressor     Diode, Z-Diode       Mechanical data   Material data     Verzinkt       Coating of fitting     verzinkt       Color housing     black       Material gasket     PUR       Lacking material     Steel       Material screw connection     Steel	Operating voltage AC	24 V
Operating voltage DC     24 V       Operating voltage DC min.     18 V       Operating voltage DC max.     30 V       Cut-off peak voltage max.     55 V       Current operating per contact max.     4 A       Current consumption max.     15 mA       Diagnostics     Status indication LED       yellow     Installation   Connection       Mounting set     M3       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     I       Additional suppressor     Diode, Z-Diode       Mencing locking     verzinkt       Coating of fitting     verzinkt       Coating of fitting     Verzinkt       Coating age Steel     Steel       Material garket     PUR       Locking material     Steel       Material screw connection     Steel	Operating voltage AC min.	19,2 V
Operating voltage DC min.       18 V         Operating voltage DC max.       30 V         Cut-off peak voltage max.       55 V         Current operating per contact max.       4 A         Current consumption max.       15 mA         Diagnostics       Status indication LED         Status indication LED       yellow         Installation   Connection       M3         Device protection   Electrical       M3         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0.8 kV         Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       Verzinkt         Coating locking       verzinkt         Coling hocking       Verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel         Material screw connection       Steel	Operating voltage AC max.	28,8 V
Operating voltage DC max.         30 V           Cut-off peak voltage max.         55 V           Current operating per contact max.         4 A           Current consumption max.         15 mA           Diagnostics         Status indication LED           Status indication LED         yellow           Installation   Connection         Wounting set           Mounting set         M3           Device protection   Electrical         M3           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Coating locking         verzinkt           Coating locking         verzinkt           Coating of fitting         Verzinkt           Coating strial gasket         PUR           Locking material         Steel           Material screw connection         Steel	Operating voltage DC	24 V
Cut-off peak voltage max.     55 V       Current operating per contact max.     4 A       Current consumption max.     15 mA       Diagnostics     Status indication LED       Status indication LED     yellow       Installation   Connection     M3       Device protection   Electrical     M3       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     I       Additional condition govers     Diode, Z-Diode       Mechanical data   Material data     verzinkt       Coating locking     verzinkt       Coating of fitting     verzinkt       Coking material gasket     PUR       Locking material     Steel       Material screw connection     Steel	Operating voltage DC min.	18 V
Current operating per contact max.       4 A         Current consumption max.       15 mA         Diagnostics       Status indication LED         Installation   Connection       wellow         Installation   Connection       M3         Device protection   Electrical       screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       verzinkt         Coating locking       verzinkt         Coating sket       PUR         Locking material       Steel         Material screw connection       Steel         Material screw connection       Steel	Operating voltage DC max.	30 V
Current consumption max.       15 mA         Diagnostics       Status indication LED       yellow         Installation   Connection       M3         Device protection   Electrical       M3         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       verzinkt         Coating locking       verzinkt         Coating of fitting       verzinkt         Colding asket       PUR         Locking material       Steel         Material screw connection       Steel	Cut-off peak voltage max.	55 V
Diagnostics           Status indication LED         yellow           Installation   Connection         M3           Device protection   Electrical         M3           Device protection of Electrical         inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         verzinkt           Coating locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Steel           Material screw connection         Steel	Current operating per contact max.	4 A
Status indication LED       yellow         Installation   Connection       M3         Device protection   Electrical       M3         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       verzinkt         Coating locking       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel         Material screw connection       Steel	Current consumption max.	15 mA
Installation   Connection         Mounting set       M3         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       verzinkt         Coating locking       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel         Material screw connection       Steel	Diagnostics	
Mounting set         M3           Device protection   Electrical         inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         verzinkt           Coating locking         verzinkt           Coating of fitting         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Steel           Material screw connection         Steel	Status indication LED	yellow
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       verzinkt         Coating locking       verzinkt         Coating of fitting       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel         Material screw connection       Steel	Installation   Connection	
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       Verzinkt         Coating locking       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel         Material screw connection       Steel	Mounting set	M3
Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       Verzinkt         Coating locking       verzinkt         Coating of fitting       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel         Material screw connection       Steel	Device protection   Electrical	
Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       Coating locking         Coating locking       verzinkt         Coating of fitting       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel         Material screw connection       Steel	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)       I         Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       Verzinkt         Coating locking       verzinkt         Coating of fitting       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel         Material screw connection       Steel	Pollution Degree	3
Additional suppressor       Diode, Z-Diode         Mechanical data   Material data       verzinkt         Coating locking       verzinkt         Coating of fitting       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel         Material screw connection       Steel	Rated surge voltage	0,8 kV
Mechanical data   Material data         Coating locking       verzinkt         Coating of fitting       verzinkt         Color housing       black         Material gasket       PUR         Locking material       Steel         Material screw connection       Steel	Material group (IEC 60664-1)	
Coating locking     verzinkt       Coating of fitting     verzinkt       Color housing     black       Material gasket     PUR       Locking material     Steel       Material screw connection     Steel	Additional suppressor	Diode, Z-Diode
Coating of fitting     verzinkt       Color housing     black       Material gasket     PUR       Locking material     Steel       Material screw connection     Steel	Mechanical data   Material data	
Color housing     black       Material gasket     PUR       Locking material     Steel       Material screw connection     Steel	Coating locking	verzinkt
Material gasket     PUR       Locking material     Steel       Material screw connection     Steel	Coating of fitting	verzinkt
Locking material     Steel       Material screw connection     Steel       Mechanical data   Mounting data     Steel	Color housing	black
Material screw connection Steel Mechanical data   Mounting data	Material gasket	PUR
Machanical data   Mounting data	Locking material	Steel
	Material screw connection	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: 2024-05-19

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation   Cable	
Cable identification	226
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weigth	55,33 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 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 inner jacket	PVC
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,8 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
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
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C

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: 2024-05-19

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at