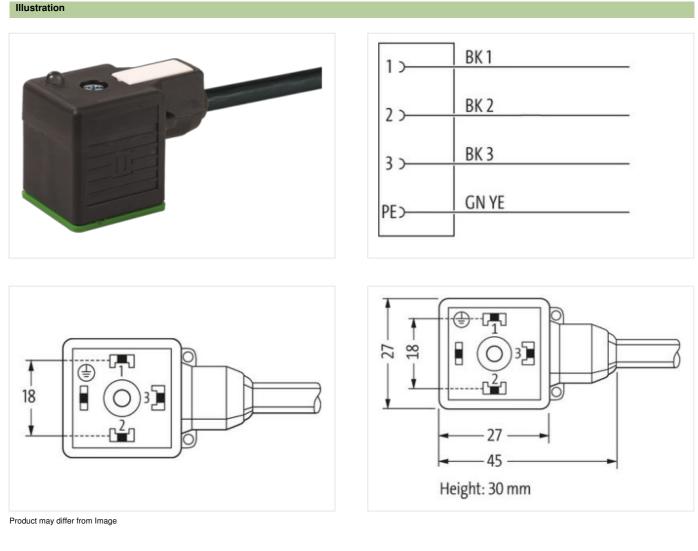


## MSUD valve plug A-18mm with cable

PUR 4x0.75 bk UL/CSA+drag ch. 10m

MSUD Form A (18 mm) 0...230 V AC/DC without components PE opposite cable entry (0°) 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



ŇΚ CE Ð

Cable length

10 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: 2024-05-18

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



Mutuation protect       Instruction form       MEMD A         Family construction form       MSUD A       Instruction form       MSUD A         Tread       M3       Instruction form       MSUD A         Degree of protection (EN EC 0553)       IPDRX, IPOT       Encode for an anticipation form       PERF         Degree of protection (EN EC 0553)       27279218       ECLASS-0       27279218         ECLASS-0       27279218       ECLASS-0       27279218         ECLASS-10       27060013       ECLASS-10       27060012         ECLASS-11       27060012       ECLASS-10       27060012         ECLASS-12.0       27060012       ECLASS-10       27060012         ECLASS-13.0       27060012       ECLASS-10       27060012         ECLASS-14.0       27060012       ECLASS-10       ECLASS-10         ECLASS-10.0       27060012       ECLASS-10       ECLASS-10         ECLASS-10.0       27060012       ECLASS-10       ECLASS-10         ECLASS       10       1       Eccentract       Eccentract       Eccentract       Eccentract       Eccentract       Eccentract       Eccentract       Eccentract       Eccentract       Ecce	Tightening torque	0,4 Nm
Family construction form       MSUD A         Tinead       M3         Material       PBT         Dagree of protection (EN EC 6052)       IP66K, IP67         Commercial dat       ECLASS 6.0         ECLASS 6.0       22729218         ECLASS 7.0       22729218         ECLASS 7.0       22729218         ECLASS 7.0       22709218         ECLASS 7.0       22709218         ECLASS 7.0       27000312         ECLASS 7.0       27000312         ECLASS 7.0       27000312         ETM-5.0       ECOURSS         cuatoms tariff number       8644200         GTM       404823190078         Parkaging unit       1         Electrication is gappy       Electrication is gappy         Operating vortage or contact max.       200 V         Contract qoreating por contact max.       200 V         Contract qoreating por contact max.       200 V         Contract qoreating por contact max.       10 A         Installiot 1 Connection       Model         Mounting ad       M3         Everice protection Electrical       Everice protection Electrical         Material socie	Mounting method	inserted, screwed
Material       PHT         Degree of protection (EN EC 60529)       IPGK, IPG7         Commercial dest       ECLASS 6.0       27279218         ECLASS 7.0       27279218       ECLASS 9.0         ECLASS 9.0       27090531       ECLASS 9.0         ECLASS 9.0       27090532       ECLASS 9.0         ECLASS 9.0       27090532       ECLASS 9.0         ECLASS 9.1       27090532       ECLASS 9.0         ECLASS 9.0       EC001905       Eccanst 9.0         Calsta Euff Insthore       BEGASS 9.0       ECONTROL         Pathiging unit       1       Eccanst 9.0       Eccanst 9.0         Pathiging voltage EC max.       230 V       Current 0perating one proteinst next.       200 V         Current operating one proteinst next.       10 A       Eccanst 9.0       Eccanst 9.0         Bataliation Chernetia       Madinal contridine proteinst 0.0		MSUD A
Degree of protection (EN HCC 60528)       IP66K, IP67         Commercial data       E         ECLASS-6.0       27278218         ECLASS-6.0       27278218         ECLASS-6.0       27278218         ECLASS-6.0       27260311         ECLASS-1.1       27060312         ECLASS-11.1       27060312         ECLASS-11.1       27060312         ECLASS-12.0       27060312         ECLASS-13.1       27060312         ECLASS-11.1       27060312         Declassity on the state for the	Thread	M3
Commercial data       ECL ASS 7.0       27279218         ECLASS 7.0       27279278       27279278         ECLASS 7.0       27279278       27279278         ECLASS 7.0       27279278       27279278         ECLASS 7.0       27279278       27279278         ECLASS 7.0       27060312       27060312         CLASS 7.0       27060312       27060312         CLASS 7.0       27060312       27060312         Cuastra 101       49487919078       270777         Palatage AG max.       230 V       200         Cuarter operating rolling A max.       230 V       200         Current operating rolling A max.       230 V       200         Current operating rolling A max.       230 V       200         Current operating rolling A max.       230 V       200	Material	РВТ
ECLASS-6.0       27278218         ECLASS-7.0       27278218         ECLASS-6.0       27278218         ECLASS-6.0       27260311         ECLASS-6.0       27060312         ECLASS-10.1       27060312         ECLASS-11.0       27060312         ECLASS-12.0       27060312         ECLASS-12.0       27060312         Customs tariff number       85444290         Customs tariff number       85444290         QTM       4048779190978         Packaging unit       1         Electrical data   Supply       Operating voltage AC max.         Operating voltage AC max.       280 V         Operating regreserved       Polutant matue         Polution	Degree of protection (EN IEC 60529)	IP66K, IP67
ECLASS-7.0       2279218         ECLASS-8.0       2770219         ECLASS-9.0       27000311         ECLASS-10.1       27000312         ECLASS-11.1       27060312         ECLASS-12.0       27080312         ECLASS-12.0       27080312         ECLASS-11.1       27060312         ECLASS-12.0       27080312         ETM.5.0       EC001865         cuastors taff number       8544280         GTM       404873190978         Pashagng unit       1         Ectricial dias   Supply       Contramoty         Coparating voltage AC max.       230 V         Coparating voltage AC max.       230 V         Coparating voltage CO max.       230 V         Corrent operating per contact max.       10 A         Installion   Connection       Installion   Connection         Polition Degree       3         Machinal acta   Islandia   Bachinal Asserved         Polition Degree       3         Machinal acta   Islandia   Island	Commercial data	
ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-9.0       27060312         ECLASS-11.1       27060312         ECLASS-12.0       27060312         ECLASS-13.0       27060312         ECLASS-13.0       27060312         ECLASS-13.0       EC001855         customs tauff number       8544230         GTIN       404837019078         Packaging unit       1         Electrical datal Supply       Depending values RC max.         Operating values RC max.       230 V         Operating values RC max.       230 V         Current operating are contact max.       10 A         Installation   Connection       Mounting set         Mounting set       M3         Device protoction   Electrical       Addition protection dagree         Addition protection dagree       inserted, screwed         Palukon Dagree       3         Moetharical data   Material data       Material screw connection         Steel       Mounting method         Material screw connection       Steel         Devianting method       inserted, screwed         Portardin temperature min.       -25	ECLASS-6.0	27279218
ECLASS-0.0       27060311         ECLASS-10.1       27060312         ECLASS-11.1       27060312         ECLASS-12.0       27060312         ECLASS-13.0       EC001855         customs tarif number       B5444290         GTIN       4048879190078         Packaging unit       1         Electrical dital [Supply       Electrical dital [Supply         Operating voltage AC max.       230 V         Operating voltage per consta max.       10 A         Installation   Connection       Max         Movine perfolicit al [Supply       Constant max.         Operating voltage per consta max.       10 A         Installation   Connection       Max         Mouting set       M3         Device protection   Electrical data       Color housing         Color housing       black         Material nousing       Plastic         Material nousing       Plastic         Material nousing       Plastic         Material nousing       Plastic         Material nousing       Aps *C         Operating representation min.       -25 *C         Operating representatine min.       -25 *C	ECLASS-7.0	27279218
ECLASS-10.1   27060312     ECLASS-11.0   27060312     ECLASS-12.0   27060312     ETM-5.0   EC001855     cuatoms tariff number   8544280     GTN   404897190578     Packagn unt   1     Etertical data   Supply   Comparating part on the supple of the	ECLASS-8.0	27279218
ECLASS 1.1     27060312       ECLASS 1.2.0     27060312       ECLASS 1.2.0     ECO01655       customs tariff number     8644290       GTIN     4048879190978       Packaging unit     1       Electrical data   Supply	ECLASS-9.0	27060311
ECLASS-12.0     27060312       ETIN-5.0     EC001855       ousloms tainfi number     8544290       GTIN     4048679190978       Packaging unt     1       Electrical data [Supply     Operating voltage AC max.       Operating voltage AC max.     230 V       Current operating per contact max.     10 A       Installation [Connection     Installation [Connection Game Context max]       Mounting set     M3       Device protection [Electrical     Additional condition protection degree       Installation [Connection     Inserted, screwed       Pollution Degree     3       Mechanical data [Material data     Costing of filting       Verzinkt     Costing of filting       Verzinkt     Steel       Mechanical data [Material data     Material housing       Material housing     Plastic       Material housing     Plastic       Material housing     Inserted, screwed       Environmental characteristics [ Climatic     Commet on screwed       Operating temperature max.     25 °C       Operating temperature max.     25 °C       Operating temperature max.     85 °C       Additional con		27060312
ETIA-5.0       EC001855         customs tariff number       8544230         OTIN       4048879190978         Packaging unit       1         Electrical data [Supply		27060312
customs tariff number       85444290         GTIN       4048675190978         Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       230 V         Operating voltage AC max.       230 V         Current operating per contact max.       10 A         Installation   Connection          Mounting set       M3         Device protection   Electrical          Additional condition protection degree       inserted, screwed         Pollution Degree       3         Mochanical data   Material data          Coder housing       black         Material housing       Plastic         Material screw connection       Steel         Mechanical data   Mounting data          Mounting method       inserted, screwed         Environmental characteristics   Climatic          Operating temporature min.       25 °C         Additional conting method       inserted, screwed         Environmental characteristics   Climatic          Operating temporature max.       85 °C         Additional conting temporature max.       85 °C		
GTIN   4048879190978     Packaging unit   1     Electrical data   Supply   0     Operating voltage DC max.   230 V     Operating voltage DC max.   230 V     Current operating per contact max.   10 A     Installation   Connection   M3     Device protection   Electrical   M3     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Mechanical data   Material data   Costing of Tiling     Costing of Tiling   Verzinkt     Color housing   black     Material socrew connection   Steel     Mechanical data   Mounting data   Steel     Mechanical condition temperature min.   -25 °C     Operating temperature min. <td></td> <td></td>		
Packaging unit     1       Electrical data   Supply     Operating voltage AC max.     230 V       Operating voltage AC max.     230 V       Current operating per contact max.     10 A       Installation   Connection     Mounting set     M3       Device protection   Electrical     Additional condition protoction degree     inserted, sorewed       Pollution Degree     3     Mechanical data   Material data       Coating of fitting     verzinkt     Coating of fitting     Verzinkt       Color housing     black     Material screw connection     Seleel       Mechanical data   Mounting data     Mounting method     inserted, sorewed       Environmental characteristics   Climatic     Operating demperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C     Operating radius when laying cables, as the IP protection class can be endangered by excessive bending forces.     Diversive the permissible bording radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Pinettrico: Observe the permissible bording radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable identification<		
Electrical data   Supply         Operating voltage AC max.       230 V         Operating voltage AC max.       230 V         Current operating voltage DC max.       10 A         Installation   Connection       Installation   Connection         Mounting set       M3         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Mechanical data   Material data       Coating of fitting         Coating of fitting       verzinkt         Color tousing       black         Material housing       Plastic         Material housing       Plastic         Material screw connection       Steel         Mechanical data   Mounting data       .25 °C         Operating temperature min.       .25 °C         Operating temperature may       depending on cable quality         Important Installation notes       .25 °C         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       DIN EN 17501-803		
Operating voltage AC max.       230 V         Operating voltage AC max.       230 V         Current operating per contact max.       10 A         Installation   Connection       Installation   Connection         Mounting set       M3         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Mechanical data   Material data       Coating of fitting         Coating of fitting       verzinkt         Color housing       black         Material housing       Plastic         Material screw connection       Steel         Mechanical data   Mounting data       Inserted, screwed         Forivonmental characteristics   Climatic       Coating on cable quality         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important Installation notes       Naterion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP pro	Packaging unit	1
Operating voltage DC max.       230 V         Current operating per contact max.       10 A         Installation   Connection       Mounting set         Mounting set       M3         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Mechanical data   Material data       Coating of fitting         Color housing       black         Material housing       Plastic         Material screw connection       Steel         Mechanical data   Mounting data       Mechanical data   Mounting data         Mounting method       inserted, screwed         Environmental characteristics   Climatic       Coating on cable quality         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on stering readies environmechanical loads, e.g. by the usage of cable ties.         Note on shering radius       Attention: Observe the pormissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product stand	Electrical data   Supply	
Current operaling per contact max.     10 A       Installation   Connection       Mounting set     M3       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Mechanical data   Material data     Coating of fitting       Coating of fitting     verzinkt       Color housing     black       Material screw connection     Steel       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the permissible bending radii when laying cables, as the IP protection class can be endangered by excessible bending forces.       Conformity     Environmental characteristica   Cable       Product standard     DIN EN 175301-803       Installation   Cable	Operating voltage AC max.	230 V
Installation   Connection         Mounting set       M3         Device protection   Electrical       Additional condition protection degree       inserted, screwed         Additional condition protection degree       isserted, screwed       isserted, screwed         Polluton Degree       3       isserted, screwed       isserted, screwed         Mechanical data   Material data       verzinkt       Coating of fitting       verzinkt         Coating of fitting       verzinkt       Coating of fitting       Verzinkt         Color housing       black       Material housing       Plastic         Material housing       Plastic       Material screw connection       Steel         Mechanical data   Mounting data       inserted, screwed       inserted, screwed       Operating temperature min.       -25 °C         Operating temperature max.       85 °C       Operating temperature max.       85 °C       Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality       Important installation notes       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation i Cobe con ending radius       Attention: Observe the pe	Operating voltage DC max.	230 V
Mounting set       M3         Device protection   Electrical       Inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Mechanical data   Material data       verzinkt         Coating of fitting       verzinkt         Color housing       black         Material housing       Plastic         Material tousing       Plastic         Material prove connection       Steel         Mechanical data   Mounting data       inserted, screwed         Environmental characteristics   Climatic       Operating temperature main.         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature max.       85 °C         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	Current operating per contact max.	10 A
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Mechanical data   Material data       Coating of fitting       verzinkt         Coating of fitting       verzinkt       Coating of fitting       Verzinkt         Material housing       black       Material housing       Plastic         Material screw connection       Steel       Mechanical data   Mounting data         Mounting method       inserted, screwed       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.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 175301-803         Installation   Cable       Cable intyripe       3         Cable Type       3       Printing color of wire insulation         Product standard       DIN EN 175301-803       Product standard	Installation   Connection	
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Mechanical data   Material data     Coating of fitting       Coating of fitting     verzinkt       Color housing     black       Material screw connection     Steel       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed       Environmental characteristics   Cilmatic     Operating temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       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.       Conformity     Product standard       Product standard     DIN EN 175301-803       Installation   Cable     Cable Type       Cable Type     3       Printing color of wire insultation white (isolation black)     Jacket Color	Mounting set	M3
Pollution Degree     3       Mechanical data   Material data       Coating of fitting     verzinkt       Color housing     black       Material housing     Plastic       Material screw connection     Steel       Mechanical data   Mounting data     Inserted, screwed       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating temperature max.       0perating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Insorted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       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.       Conformity     Product standard     DIN EN 175301-803       Installation   Cable     Gable installation     637       Cable Type     3     Printing color of wire insulation     white (isolation black)       Jacket Color     black     Steel     Steel	Device protection   Electrical	
Mechanical data   Material data         Coating of fitting       verzinkt         Color housing       black         Material housing       Plastic         Material screw connection       Steel         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 175301-803         Installation   Cable       Gable Type         Cable Type       3         Printing color of wire insulation       white (isolation black)         Jacket Color       black	Additional condition protection degree	inserted, screwed
Coating of fitting     verzinkt       Color housing     black       Material housing     Plastic       Material screw connection     Steel       Mechanical data   Mounting data     Inserted, screwed       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, e.g. by the usage of cable ties.       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 endagreed by excessive bending forces.       Conformity     Installation   Cable       Product standard     DIN EN 175301-803       Installation   Cable     Gable Type       Cable identification     637       Cable identification     637       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black	Pollution Degree	3
Color housing       black         Material housing       Plastic         Material screw connection       Steel         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature max.       85 °C       Additional condition temperature range       depending on cable quality         Important installation notes       Mote on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         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.         Conformity       Product standard         Installation   Cable       Cable Type         Cable Type       3         Printing color of wire insulation       white (isolation black)         Jacket Color       black	Mechanical data   Material data	
Material housing       Plastic         Material screw connection       Steel         Mechanical data   Mounting data       Mounting method       inserted, screwed         Environmental characteristics   Climatic       C       Operating temperature min.       -25 °C         Operating temperature max.       85 °C       Additional condition 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.         Conformity       Product standard       DIN EN 175301-803         Installation   Cable       Cable identification       637         Cable identification       637       Cable Type       3         Printing color of wire insulation       white (isolation black)       Jacket Color       black	Coating of fitting	verzinkt
Material screw connection     Steel       Mechanical data   Mounting data     Inserted, screwed       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       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.       Conformity     Product standard     DIN EN 175301-803       Installation   Cable     Cable identification     637       Cable identification     637     Gastantification     Gastantification       Cable identification     white (isolation black)     Jacket Color     black	Color housing	black
Mechanical data   Mounting data       Mounting method     inserted, screwed       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       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.       Conformity     Installation   Cable       Cable identification     637       Cable identification     637       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black	Material housing	Plastic
Mounting method     inserted, screwed       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       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.       Conformity     Product standard       Installation   Cable     Extention: 637       Cable identification     637       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black	Material screw connection	Steel
Environmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityInstallation   CableCable identification637Cable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardProduct standardDIN EN 175301-803Installation   Cable637Cable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Mounting method	inserted, screwed
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     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.       Conformity     Product standard       DIN EN 175301-803     Installation   Cable       Cable identification     637       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black	Environmental characteristics   Climatic	
Additional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 175301-803Installation   CableCable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Operating temperature min.	-25 °C
Important installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardProduct standardDIN EN 175301-803Installation   CableCable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Operating temperature max.	85 °C
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityDIN EN 175301-803Installation   Cable637Cable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Additional condition temperature range	depending on cable quality
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 175301-803Installation   Cable637Cable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Important installation notes	
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 175301-803Installation   Cable637Cable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 175301-803Installation   Cable637Cable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Note on bending radius	
Installation   Cable     Cable identification   637     Cable Type   3     Printing color of wire insulation   white (isolation black)     Jacket Color   black	Conformity	
Cable identification637Cable Type3Printing color of wire insulationwhite (isolation black)Jacket Colorblack	Product standard	DIN EN 175301-803
Cable Type   3     Printing color of wire insulation   white (isolation black)     Jacket Color   black	Installation   Cable	
Printing color of wire insulation   white (isolation black)     Jacket Color   black	Cable identification	637
Jacket Color black	Cable Type	3
	Printing color of wire insulation	white (isolation black)
Type of Certificate cURus	Jacket Color	black
	Type of Certificate	cURus

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: 2024-05-18

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



Amount stranding	1
Stranding	4 wires twisted
wire arrangement	black 1, black 2, black 3, green-yellow
Cable weigth	69,3 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)	6,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
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
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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: 2024-05-18

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