

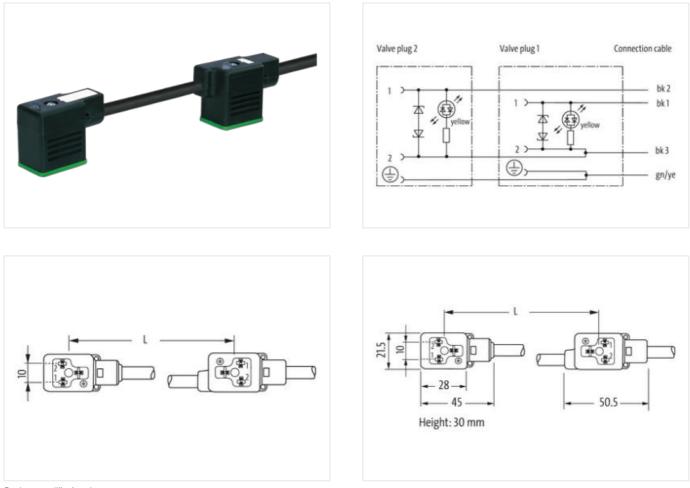
## MSUD double valve B-10mm with cable

PUR 4x0.75 bk UL/CSA 5m

Form B (10 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 150 mm Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration



Product may differ from Image



Cable length	5 m	
Side 1		
Tightening torque	0,4 Nm	

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



Material       PBT         Side 2       Febroining torque       0.4 Nm         Thread       Ma         Material       PBT         Commercial data       PDT         ECLASS-6.0       22729218         ECLASS-7.0       27279218         ECLASS-7.0       27279218         ECLASS-7.0       27279218         ECLASS-7.0       27279218         ECLASS-7.0       27279218         ECLASS-7.0       27279218         ECLASS-7.0       2729218         ECLASS-7.0       27050312         ECLASS-7.0       27050312         ECLASS-7.1.1       27060312         ECLASS-7.1.1       27060312         ECLASS-7.1.1       27060312         ECLASS-7.1.1       27060312         ECLASS-7.1.1       27060312         ECLASS-7.1.1       27060312         ECLASS-7.1.1       2406032         Capacity CX       20         Packaging unit       1         Electrical data       20         Capacity CX       20 N         Operating voltage AC       24 V         Operating voltage AC       24	Thread	M3
Thread       0.4 Nm         Thread       Na         Alignamic large       Na         Commercial data       PET         ECLASS 6.0       2272018         ECLASS 7.0       22706012         ECLASS 7.0       22706012         ECLASS 7.0       22706012         ECLASS 7.0       22706012         ECLASS 7.0       20706012         ECLASS 7.0       20706012         CASS 7.0       20706012         ECLASS 7.0       20706012         CASS 7.0	Material	PBT
Thread       NB         Material       PBT         Commercial dat       PBT         ECLASS-6.0       22737218         ECLASS-7.0       22737218         ECLASS-6.0       22737218         ECLASS-6.0       22737218         ECLASS-6.0       22737218         ECLASS-6.0       22737218         ECLASS-6.0       22706012         ECLASS-10.1       27060012         ECLASS-11.1       27060012         ECLASS-12.0       27060012         ECLASS-12.0       27060012         ECLASS-12.0       27060012         ECLASS-12.0       27060012         ECMASI 20       27060012         Echasi 20       27000012         Echasi 20       270         Echasi 20       270         Echasi 20       270         Operating voltage AC       4V         Operating vol	Side 2	
Tread       M3         Material       PBT         Commercial data       PET         ECLASS-6.0       22737818         ECLASS-7.0       22737818         ECLASS-7.0       22737818         ECLASS-7.0       22737818         ECLASS-8.0       2727818         ECLASS-9.0       2706012         ECLASS-9.1       2706012         ECLASS-10.1       2706012         ECLASS-11.1       27060012         ECLASS-12.0       2706012         ECLASS-12.0       2706012         ECLASS-12.0       2706012         ECHASS-10.1       27060012         ECHAS       ECHAS         ASS 10       ECHASS-10         Castom Isrift number       65444290         GTIN       4048979135931         Packaging unt       1         Electrical data       Ecury         Operating voltage AC       24 V         Operating voltage AC max.       28,8 V         Operating voltage AC max.       28,8 V         Operating voltage AC max.       39 V         Carler flask voltage max.       12 mA         Digeostris	Tightening torque	0,4 Nm
Commercial data         ECLASS 8.0.0       27278218         ECLASS 8.1.0       27060312         ECLASS 8.1.1       27060312         ECLASS 8.1.1       27060312         ECLASS 8.1.1       27060312         ECLASS 8.1.2.0       27060312         ECLASS 9.1.1       27060312         CALASS 9.1.1       280 VA         Operating voltage AC max.       28.9 V         Operating voltage DC max.       30 V         C		M3
ECLASS 6.0       27279218         ECLASS 6.1       27279218         ECLASS 7.0       27279218         ECLASS 8.0       27279218         ECLASS 8.0       2760312         ECLASS 7.0       27090312         ECLASS 1.1       27000312         ECLASS 1.1       27000312         ECLASS 1.1       27000312         ECLASS 1.1       27000312         ECLASS 1.0       27000312         ETIM 5.0       EC001855         cuatoms taffl number       8544290         GTIN       40489718591         Packaging unit       1         Etercical data       Econe         Gapacity CX       20 ms         Etercical data [ Suppy       2         Operating voltage AC max.       28.8 V         Operating voltage AC max.       28.8 V         Operating voltage DC max.       30 V         Operating voltage DC max.       30 V         Operating voltage DC max.       30 V         Outer operating per contact max.       4 A         Current consumpton max.       12 mA         Diagnostics       Estend.scientLEC         Evicics protection [ ElecC	Material	PBT
ECLASS 6.1       27279218         ECLASS 7.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27060312         ECLASS 7.0       27060312         Colsons tarlf number       8544280         costoms tarlf number       8544280         Costom tarlf number       8544280         Operating voltage AC       24 V         Operating voltage AC       24 V         Operating voltage AC max.       28 V         Operating voltage AC max.       28 V         Operating voltage DC max.       30 V         Curien	Commercial data	
ECLASS 6.1       27279218         ECLASS 7.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27279218         ECLASS 6.0       27060312         ECLASS 7.0       27060312         Colsons tarlf number       8544280         costoms tarlf number       8544280         Costom tarlf number       8544280         Operating voltage AC       24 V         Operating voltage AC       24 V         Operating voltage AC max.       28 V         Operating voltage AC max.       28 V         Operating voltage DC max.       30 V         Curien	ECLASS-6.0	27279218
ECLASS 70       27279218         ECLASS 8.0       27279278         ECLASS 8.0       27090312         ECLASS 50.1       27090312         ECLASS 51.1       27090312         ECLASS 51.1       27090312         ECLASS 51.0       27090312         ETM-5.0       EC001855         Countom tartf number       8444290         Oparating routing       1         Electrical datal       Support         Oparating voltage AC man.       19.2 V         Oparating voltage AC man.       19.0 V         Oparating voltage AC man.       19.0 V         Oparating voltage AC man.       19.0 V		
ECLASS-9.0       27060312         ECLASS-10.1       27060312         ECLASS-11.1       27060312         ECLASS-12.0       27060312         ECLASS-12.0       27060312         ETM-5.0       EC001855         castoms tailf number       8544290         GTM       4048879135931         Packagin unit       1         Electrical data       Capacity CX         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 max.       20 V         Operating voltage DC max.       20 V         Operating voltage DC max.       30 V         Current consumption max.       12 mA         Diagnostics       Status indication ED         Status indication ED       yoltaw         Desce of protection feetwoltage       0.8 V         Mechanical data [Material data       Status indication feetwoltage         Data       10.8 V         Operating voltage       0.8 V         Mechanical data [Material data <td></td> <td></td>		
EQLASS-10.1       27060312         EQLASS-11.1       27060312         EQLASS-12.0       27060312         ETM-5.0       EQ00312         Etherson       EQ00312         Etherson       EQ00312         Etherson       Etherson         Etherson       20 ms         Electrical data       Eupertury         Operating voltage AC min.       19.2 V         Operating voltage AC min.       19.2 V         Operating voltage DC min.       18 V         Operating voltage DC min.       18 V         Operating voltage DC max.       30 V         Cut-of pask voltage max.       55 V         Current consumption max.       12 mA         Diagnostics       E         Status inclation LED       yellow         Degree of protection (EN EC 60529)       IP67	ECLASS-8.0	27279218
ECLASS-11.1       27060312         ECLASS-12.0       27060312         ECLASS-12.0       27060312         ECLASS-12.0       27060312         ECLASS-12.0       27060312         Customs tariff number       85444290         GTIN       404867313931         Packaging unit       1         Electrical data       20 ms         Electrical data Supply       90 ms         Perating voltage AC       24 V         Operating voltage AC min.       19.2 V         Operating voltage DC min.       18 V         Operating voltage DC min.       18 V         Operating voltage DC min.       18 V         Current operating per contact max.       4 A         Current operating per contact max. <td< td=""><td>ECLASS-9.0</td><td>27060312</td></td<>	ECLASS-9.0	27060312
ECLASS-12.0       27060312         ETIM-5.0       EC001855         packang infit mumber       85444200         GTIN       4048879138931         Packaging unit       1         Electrical data       20 ms         Electrical data       20 ms         Electrical data       20 ms         Electrical data       20 ms         Electrical data Supply       0         Operating voltage AC min.       19.2 V         Operating voltage AC min.       19.2 V         Operating voltage AC min.       19.2 V         Operating voltage DC       24 V         Operating voltage DC min.       18 V         Operating voltage DC min.       19 V         Operating voltage DC min.       19 V         Operating voltage DC min.       19 V         Operating voltage DC max.       30 V         Cut-oft peak voltage max.       55 V         Current consumption max.       12 mA         Dagnostics       Impact Max         Status indicaton LED       yellow         Degree of protection (EN EC 60529)       IP67         Additional condition protection degre       inserted, screwed	ECLASS-10.1	27060312
ETIM-5.0       EC001855         customs tariff number       8544290         GTIN       404887913931         Packaging unit       1         Electrical data          Capacity CX       20 ms         Electrical data [Supply          Operating voltage AC max.       28.8 V         Operating voltage BC min.       18 V         Operating voltage BC max.       30 V         Current consumption max.       12 mA         Diagnostics          Status floctation LED       yellow         Descretor protection [Electrical data] Material data          Descretor protection [Electrical data] Material data          Color housing       back         Mechanical data [Material data]       .25 °C         Operating remensitive max.       85 °C         Additional condition protection digree       inserted, screwed         Reted voltage max.       .25 °C         Operating remensities (Cli	ECLASS-11.1	27060312
customs tariff number       85444290         GTIN       4048879135931         Packaging unit       1         Electrical data       Capacity CX       20 ms         Electrical data   Supply       Capacity CX       20 ms         Operating voltage AC       24 V       Capacity CX         Operating voltage AC max.       28.8 V       Capacity CX         Operating voltage AC max.       28.8 V       Capacity CX         Operating voltage DC max.       30 V       Cauron Campating DC max         Operating voltage DC max.       30 V       Cauron Campating DC max         Current consumption max.       12 mA       Cauron Campating DC max         Diagnostics       Status indication LED       yellow         Device protection   Electrical       Status indication LED       yellow         Device protection [Electrical       Status indication LED       Status indication LED         Dagree of protection [Electrical       Status indication LED       Status indication LED       Status indication LED         Device protection [Electrical       Inserted, screwed       Status indication LED       Status indication LED         Device protection generee       inserted, screwed       Status indicating data <td< td=""><td>ECLASS-12.0</td><td>27060312</td></td<>	ECLASS-12.0	27060312
GTIN   4048879135931     Packaging unit   1     Electrical data   20 ms     Electrical data [Supply   20 ms     Operating voltage AC   24 V     Operating voltage AC max.   28.8 V     Operating voltage DC   24 V     Operating voltage DC max.   28.8 V     Operating voltage DC max.   30 V     Current operating voltage PC max.   30 V     Current operating voltage reacting per contact max.   4 A     Current operating voltage per contact max.   4 A     Current operation [Electrical   period     Degree of protection [Electrical   period     Degree of protection [Electrical   period     Degree of protection data [Material data   black     Mechanical data [Mounting data   inserted, screwed     Rated surge voltage   black     Mechanical data [Mounting data   cperiod     Operating temperature min.   -25 °C     Operating tempera	ETIM-5.0	EC001855
Packaging unit   1     Electrical data      Capacity CX   20 ms     Electrical data   Supply      Operating voltage AC   24 V     Operating voltage AC max.   28.8 V     Operating voltage C max.   28.8 V     Operating voltage DC   24 V     Operating voltage DC max.   28.8 V     Operating voltage DC max.   28.8 V     Operating voltage DC max.   30 V     Cut-off peak voltage max.   55 V     Current consumption max.   12 mA     Diagnostics      Status indication LED   yellow     Derive protection [Electrical      Degree of protection GN IEC 60629)   IP67     Additional condition protection degree   inserted, screwed     Rated surge voltage   0.8 kV     Mechanical data   Mounting data      Color housing   black     Mechanical data   Mounting data      Coparating temperature min.   -25 °C     Operating temperature min. <td< td=""><td>customs tariff number</td><td>85444290</td></td<>	customs tariff number	85444290
Electrical data       20 ms         Electrical data   Supply       24 V         Operating voltage AC       24 V         Operating voltage AC max.       28.8 V         Operating voltage AC max.       28.8 V         Operating voltage DC max.       28.8 V         Operating voltage DC max.       28.0 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 consumption max.       12 mA         Diagnostics       Status indication LED         Status indication LED       yellow         Device protection   Electrical       Peretage voltage         Degree of protection (EN IEC 60629)       IP67         Additional condition protection degree       inserted, screwed         Rated surge voltage       0.8 kV         Mechanical data   Mounting data       Mechanical data   Mounting data         Mechanical data   Mounting data       S5 °C         Operating temperature max.       85 °C         Additional condition protecristics   Climatic       Operating temperature max.         Environmental characteristics	GTIN	4048879135931
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       24 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.       12 mA         Diagnostics       Pereoretoction [Electrical         Device protection [Electrical       pereoretoction [Electrical         Device protection [Electrical       pereoretoction [Electrical         Rated surge voltage       0,8 kV         Mounting method       inserted, screwed         Rated surge voltage       0,8 kV         De	Packaging unit	1
Electrical data   Supply         Operating voltage AC       24 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         Operating voltage DC max.       30 V         Cut-off peak voltage max.       55 V         Current operating per contact max.       4 A         Current consumption max.       12 mA         Diagnostics       yellow         Derete of protection [ED tic C 60529]       IP67         Additional condition protection degree       inserted, screwed         Rated surge voltage       0.8 kV         Mechanical data   Mounting data       inserted, screwed         Rechanical data   Mounting data       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition repreature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature max.       85 °C         Additional c	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.       24,4 V         Operating voltage DC max.       30 V         Operating voltage DC max.       30 V         Cut-off peak voltage max.       55 V         Current consumption max.       12 mA         Diagnostics       Status indication LED         Status indication LED       yellow         Device protection   Electrical       V         Degree of protection (EN IEC 60529)       IP67         Additional condition protection degree       inserted, screwed         Rated surge voltage       0.8 kV         Mechanical data   Material data       V         Color housing       back         Mounting method       inserted, screwed         Environmettal characteristics   Climatic       V         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition remperature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature max.       85 °C         Addit	Capacity CX	20 ms
Operating voltage AC min.     19.2 V       Operating voltage AC max.     28.8 V       Operating voltage DC     24 V       Operating voltage DC max.     30 V       Cut-off peak voltage DC max.     30 V       Cut-off peak voltage not max.     55 V       Current operating opticage DC max.     4 A       Current operating per contact max.     4 A       Current consumption max.     12 mA       Diagnostics     Status indication LED       Status indication LED     yellow       Device protection   Electrical     Degree of protection (EN IEC 60529)       Degree of protection (EN IEC 60529)     IP67       Additional condition protection degree     inserted, screwed       Rated surge voltage     0.8 kV       Mechanical data   Material data     Vounting method       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Vounting       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. <t< td=""><td>Electrical data   Supply</td><td></td></t<>	Electrical data   Supply	
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.     35 V       Current operating per contact max.     4 A       Current operating per contact max.     4 A       Current consumption max.     12 mA       Diagnostics     Status indication LED       Velow     Velow       Degree of protection [Electrical       Degree of protection degree     inserted, screwed       Rated surge voltage     0.8 kV       Mechanical data   Material data     Color housing       Color housing     black       Mechanical data   Mounting data     .25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition 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. <td>Operating voltage AC</td> <td>24 V</td>	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 onperating per contact max.       4 A         Current onpumption max.       12 mA         Diagnostics       Used per contact max.         Status indication LED       yellow         Device protection   Electrical       Degree of protection degree         Degree of protection degree       inserted, screwed         Rated surge voltage       0,8 kV         Mechanical data   Material data       Color housing         Mounting method       inserted, screwed         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.         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 layin	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 operating per contact max.       12 mA         Diagnostics       Status indication LED         Status indication LED       yellow         Device protection   Electrical       Degree of protection (EN IEC 60529)         Degree of protection degree       inserted, screwed         Rated surge voltage       0,8 kV         Mechanical data   Material data       Color housing         Mounting method       inserted, screwed         Environmental characteristics   Climatic       Coperating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         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.	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.     12 mA       Diagnostics     Status indication LED     yellow       Device protection   Electrical     Performance     Inserted, screwed       Additional condition protection degree     inserted, screwed     Rated surge voltage     0,8 kV       Mechanical data   Material data     Color housing     black     Mechanical data   Mounting data       Mounting method     inserted, screwed     Environmental characteristics   Climatic     Color housing     S° 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.	Operating voltage DC	24 V
Cut-off peak voltage max.     55 V       Current operating per contact max.     4 A       Current consumption max.     12 mA       Diagnostics     Status indication LED       Status indication LED     yellow       Device protection   Electrical     Degree of protection (EN IEC 60529)       Degree of protection degree     inserted, screwed       Rated surge voltage     0,8 kV       Mechanical data   Material data     Color housing       Color housing     black       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Color housing       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       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.	Operating voltage DC min.	18 V
Current operating per contact max.     4 A       Current consumption max.     12 mA       Diagnostics     Status indication LED       Status indication LED     yellow       Degree of protection   Electrical     Degree of protection degree       Dagnostics     inserted, screwed       Additional condition protection degree     inserted, screwed       Rated surge voltage     0,8 kV       Mechanical data   Material data     Color housing       Color housing     black       Mechanical data   Mounting data     inserted, screwed       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Color housing       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition tontes     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.	Operating voltage DC max.	30 V
Current consumption max.     12 mA       Diagnostics     Status indication LED     yellow       Device protection   Electrical     Person protection (EN IEC 60529)     IP67       Additional condition protection degree     inserted, screwed       Rated surge voltage     0.8 kV       Mechanical data   Material data     Use of protection (EN IEC 60529)     IP67       Color housing     black     Use of protection degree     0.8 kV       Mechanical data   Mounting data     Use of protection degree     0.8 kV       Mounting method     inserted, screwed     Inserted, screwed       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition notes     Important installation notes     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.     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Cut-off peak voltage max.	55 V
Diagnostics         Status indication LED       yellow         Device protection   Electrical	Current operating per contact max.	4 A
Status indication LED   yellow     Device protection   Electrical     Degree of protection (EN IEC 60529)   IP67     Additional condition protection degree   inserted, screwed     Rated surge voltage   0,8 kV     Mechanical data   Material data     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.	Current consumption max.	12 mA
Device protection   Electrical     Degree of protection (EN IEC 60529)   IP67     Additional condition protection degree   inserted, screwed     Rated surge voltage   0,8 kV     Mechanical data   Material data   0,8 kV     Color housing   black     Mechanical data   Mounting data   Inserted, screwed     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   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.	Diagnostics	
Degree of protection (EN IEC 60529)       IP67         Additional condition protection degree       inserted, screwed         Rated surge voltage       0,8 kV         Mechanical data   Material data       Color housing       black         Mechanical data   Mounting data       inserted, screwed       Color housing         Mounting method       inserted, screwed       Color housing         Operating temperature min.       -25 °C       Color housing         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.	Status indication LED	yellow
Additional condition protection degree     inserted, screwed       Rated surge voltage     0,8 kV       Mechanical data   Material data     black       Color housing     black       Mechanical data   Mounting data     inserted, screwed       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating temperature min.       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 bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Device protection   Electrical	
Additional condition protection degree     inserted, screwed       Rated surge voltage     0,8 kV       Mechanical data   Material data     black       Color housing     black       Mechanical data   Mounting data     inserted, screwed       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating temperature min.       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 bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Degree of protection (EN IEC 60529)	IP67
Rated surge voltage     0,8 kV       Mechanical data   Material data     black       Color housing     black       Mechanical data   Mounting data     inserted, screwed       Environmental characteristics   Climatic     -25 °C       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 bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		
Mechanical data   Material data       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 bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		
Color housing     black       Mechanical data   Mounting data     inserted, screwed       Mounting method     inserted, screwed       Environmental characteristics   Climatic     -25 °C       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.		
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.	•	black
Mounting methodinserted, screwedEnvironmental 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.	-	
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       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.	·	inserted, screwed
Operating temperature min.     -25 °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.       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.	-	
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.	•	
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.		
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.		
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.		
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.	•	Protect the connectors by quitable measures from machinical loads as a builty warm of a bla the
endangered by excessive bending forces.		
Installation   Cable	Note on bending radius	
	Installation   Cable	

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Cable identification	627
Cable Type	2
Printing color of wire insulation	white (isolation black)
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	black 1, black 2, black 3, green-yellow
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Cable weigth	74,8 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	6,5 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	black
Material wire insulation	PVC
Amount wires	4
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
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Amount strands (wire) Diameter of single wires	42 0,15 mm
· ·	
Diameter of single wires	0,15 mm
Diameter of single wires Conductor crosssection (wire)	0,15 mm 0,75 mm²
Diameter of single wires Conductor crosssection (wire) Material conductor wire	0,15 mm 0,75 mm <sup>2</sup> Stranded copper wire, bare
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	0,15 mm 0,75 mm <sup>2</sup> Stranded copper wire, bare strand class 6
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max.	0,15 mm 0,75 mm <sup>2</sup> Stranded copper wire, bare strand class 6 300 V
Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Nominal voltage AC max. Current load capacity (standard)	0,15 mm0,75 mm²Stranded copper wire, barestrand class 6300 Vto DIN VDE 0298-4
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)	0,15 mm0,75 mm²Stranded copper wire, barestrand class 6300 Vto DIN VDE 0298-412 A
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire -	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire - jacket)	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s       2 kV @ 60 s
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire - jacket)       Min. operating temperature (static)	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s       2 kV @ 60 s       -30 °C
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire - jacket)       Min. operating temperature (static)       Max. operating temperature (fixed)	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s       2 kV @ 60 s       -30 °C       80 °C
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire - jacket)       Min. operating temperature (static)       Max. operating temperature (fixed)       Operating temperature min. (dynamic)	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s       2 kV @ 60 s       -30 °C       80 °C       -5 °C
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire - jacket)       Min. operating temperature (static)       Max. operating temperature (fixed)       Operating temperature max. (dynamic)	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s       2 kV @ 60 s       -30 °C       80 °C       -5 °C       80 °C
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire - jacket)       Min. operating temperature (static)       Max. operating temperature (fixed)       Operating temperature min. (dynamic)       Operating temperature max. (dynamic)       UV resistance	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s       -30 °C       80 °C       -5 °C       80 °C       DIN EN ISO 4892-2 A
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire - jacket)       Min. operating temperature (static)       Max. operating temperature min. (dynamic)       Operating temperature max. (dynamic)       UV resistance       Flame resistance	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s       2 kV @ 60 s       -30 °C       80 °C       -5 °C       80 °C       DIN EN ISO 4892-2 A       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire - jacket)       Min. operating temperature (static)       Max. operating temperature (fixed)       Operating temperature max. (dynamic)       UV resistance       Flame resistance       chemical resistance	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s       2 kV @ 60 s       -30 °C       80 °C       -5 °C       80 °C       -5 °C       80 °C       DIN EN ISO 4892-2 A       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090       Good, application-related testing
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire - jacket)       Min. operating temperature (static)       Max. operating temperature (fixed)       Operating temperature max. (dynamic)       UV resistance       Flame resistance       chemical resistance       Gasoline resistance	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s       -30 °C       80 °C       -5 °C       80 °C       DIN EN ISO 4892-2 A       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090       Good, application-related testing       Good, application-related testing
Diameter of single wires       Conductor crosssection (wire)       Material conductor wire       Conductor type (wire)       Nominal voltage AC max.       Current load capacity (standard)       Current load capacity min. wire       Electrical resistance line constant wire       AC withstand voltage (wire - wire)       Power frequency withstand voltage (wire - jacket)       Min. operating temperature (static)       Max. operating temperature (fixed)       Operating temperature max. (dynamic)       UV resistance       Flame resistance       chemical resistance       Gasoline resistance       Oil resistance	0,15 mm       0,75 mm²       Stranded copper wire, bare       strand class 6       300 V       to DIN VDE 0298-4       12 A       26 Ω/km @ 20 °C       2 kV @ 60 s       2 kV @ 60 s       -30 °C       80 °C       -5 °C       80 °C       -5 °C       80 °C       -5 °C       80 °C       -5 °C       80 °C       OIN EN ISO 4892-2 A       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090       Good, application-related testing       Good, application-related testing       Good, application-related testing       Good, application-related testing

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