

#### MSUD double valve A-18mm with cable

PUR 4x0.75 ye UL/CSA+drag ch. 1.5m

Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 110 mm Further cable lengths on request.

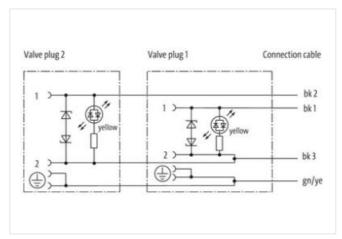
Plastic housings with good resistance against chemicals and oils.

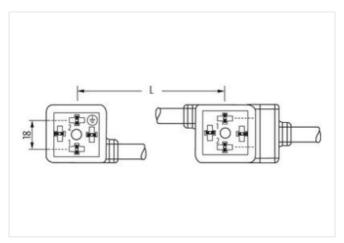
The resistance to aggressive media should be individually tested for your application. Further details on request.

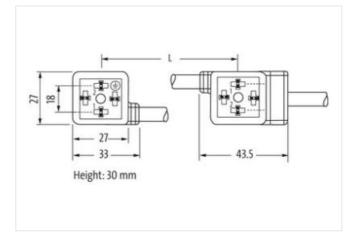
### **Link to Product**

### Illustration









Product may differ from Image



Cable length 1,5 m

Side 1

0,4 Nm Tightening torque



stay connected

Material	Thread	M3
Tightening torque	Material	PBT
Part	Side 2	
Part	Tightening torque	0.4 Nm
Motorial   PBT		· · · · · · · · · · · · · · · · · · ·
Commercial data   CELASS-8.0   27279218   CELASS-8.0   27279218   CELASS-7.0   27279218   CELASS-7.0   27279218   CELASS-7.0   27279218   CELASS-8.0   27279218   CELASS-8.0   27279218   CELASS-9.0   27090312   CELASS-9.0   27090312   CELASS-10.1   27090312   CELASS-11.1   27090312   CELASS-11.1   27090312   CELASS-12.0   27090312   CELASS-10.1   CELASS-12.0   27090312   CELASS-12.0   27090312   CELASS-13.0   CELASS-13.0   CELASS-14.0   CELASS-14.0   CELASS-15.0   CELASS-1		
ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ETIM-5.0         E0001855           customs tarff number         65444290           GTIN         408879137980           Packaging unit         1           Electrical data         1           Drop-out delay time max.         20 ms           Electrical data   Supply         1           Operating voltage AC         24 V           Operating voltage AC mix.         19,2 V           Operating voltage AC mix.         19,2 V           Operating voltage DC mix.         18 V           Operating voltage DC mix.         18 V           Operating voltage DC mix.         30 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Device protection (EN EC 60529)         PE7           Additional condition protection degree         inserted, screwed           Pollution protection (E		
ECILASS-6.1         27279218           ECILASS-7.0         27279218           ECILASS-8.0         27279218           ECILASS-9.0         27660312           ECILASS-1.1         27060312           ECILASS-11.1         27060312           ECILASS-12.0         27060312           ECILASS-17.0         ECOMBAS           customs tariff number         085444290           GTIN         408879137980           Peaksignig unt         1           Electrical data         1           Electrical data         20 ms           Electrical data Supply         1           Operating voltage AC         24 V           Operating voltage AC max         28 8 V           Operating voltage AC max         28 8 V           Operating voltage DC max         30 V           Cut-or pask voltage max         4 A           Current consumption max         12 mA           Diagnostics         18 b           Status indication LED         19 low           Device protection [Electrical day         19 low           Device protection [Electrical day         19 low           Device protection [Electrical suppressor         10 lok V           Diagnostic         3     <		07070040
ECLASS-70         2279218           ECLASS-8.0         27778218           ECLASS-9.1         27060312           ECLASS-10.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         ECO01895           customs farfin umber         8544290           GTIN         4048879137880           Peckaging unit         1           Electrical data         Verbackaging unit           Popo out delay lime max.         20 ms           Electrical data Supply         Verbackaging unit           Poporating voltage AC max.         28 V           Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         30 V           Current operating por contact max.         4 A           Current operating por contact max.         4 A           Current operating por contact max.         12 mA           Degree of protection (EN EC 6852)         1967           Status inclusion LEO         yellow           Device protection (EN EC 6852)         10 clay. Zincle           Material group (EC 686641)         1           Additional suppose of protection (EN E		
ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         ECO1855           customs tariff rumber         89444290           GTIN         4048879137800           Packaging unit         1           Electrical data         Very Called State           Prop-out delay time max.         2 ms           Electrical data Supply         Very Called State           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 min.         18 V           Operating voltage DC min.         18 V           Operating portoge DC max.         30 V           Cut-ort operating per contact max.         4 A           Cut-ort operating per contact max.         12 mA           Diagnostics         Very Called State indication LED           Power protection [Electrical         yellow           Degree of protection (EN IEC 60529)         IP 67           Additional surper wollage max.		
ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-6.0         EC001855           Lustoms tarff number         6844290           GTIN         4048879137380           Packaging unit         1           Electrical data         UNITARIA (STATE)           Prop out delay time max.         20 ms           Electrical data [Suppty         UNITARIA (STATE)           Operating voltage AC max.         24 V           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           Cut-off peak voltage max.         55 V           Cut-off peak voltage max.         4 A           Cut-off peak voltage max.         4 A           Orienting voltage pc Created max.         4 A           Cut-off peak voltage max.         55 V           Cut-off peak voltage max.         56 V           Cut-off peak voltage max.         57 V           Understood protection   Electrical         9 Veloce protection   Electrical           Degree of protection   Electric		
ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           usustoms tariff number         85444290           GTIN         4048879137980           Packaging unft         1           Electrical data         Electrical data           Drop-out delay ime max.         20 ms           Electrical data   Supply         Poperating voltage AC           Operating voltage AC max.         28,8 V           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           Cul-oft peak voltage max.         55 V           Current operating per contact max.         4 A           Current operating per contact max.         9 Por           Additional condition (EN IEC 60529)         IP FO      <		
ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         ECOINESS           customs tariff number         85444290           GTIM         4048879137990           Packaging unit         1           Electrical data           Urgo ut delay time max.           Electrical data   Supply           Operating voltage AC           2 4 V           Operating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V           Operating voltage DC max.         28.8 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           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 P           Daignostics         12 mA           Degree of protection [ENIEC 60529]         P67           Additional contiling protection degree         3           Rated surge voltage         0.8 kV           Material group (IEC 6064-1)         1           Additional suppressor         Diod		
ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879137980           Packaging unit         1           Electrical data         ************************************		
ETIM-5.0         EC0010855           customs tariff number         85444290           GTIN         404879137880           Packaging unil         1           Electrical data         Verifical Supply           Orpe out delay lime max.         20 ms           Electrical data [Supply         Verification [Supply or Properties of Manage AC max.           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 min.         18 V           Operating voltage DC min.         19 V           Operating voltage DC min.         12 mA           Out-off peak voltage max.         4 A           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Diagnostics           Status indication LED         yellow           Degree of protection [Electrical           Degree of protection [Electrical         19 P67           Additional condition protection degree         18 N           Additional condition protection degree         3           Rated surge voltage         0.8 kV		
customs tariff number         85444290           GTIN         4048879137980           Packaging unit         1           Electrical data		
GTIN         4048879137980           Packaging unit         1           Electrical data         Drop- out delay time max.         20 ms           Electrical data   Supply         Coperating 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 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.         4 M         Current operating per contact max.         4 M           Degree of protection [Electrical         Pilosopostics           Status indication LED         yellow           Degree of protection (EILEC 60529)         PP67           Additional condition protection degree         3           Reted surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         PUR           Cooking mat		
Packaging unit   1		
Electrical data         20 ms           Electrical data   Supply         24 V           Operating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         28.8 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating portage 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.         4 A           Descriptorical Electrical         yellow           Descriptorical (EN IEC 6052)         IP67           Additional conting precion (EN IEC 6052)         IP67           Additional conting precion degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Color housing         black           Material gasket         PUR           Locking material         See!      <		
Drop-out delay time max.   20 ms		1
Decrating voltage AC		
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 min.         18 V           Operating voltage DC max.         30 V           Cut-off peak voltage max.         55 V           Current consumption max.         12 mA           Diagnostics           Status indication LED           yellow           Degree of protection [Electrical           Degree of protection (EN IEC 60529)         IP67           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           Colori housing         black           Material gasket         PUR           Locking material         Steel           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temp	Drop-out delay time max.	20 ms
Operating voltage AC min.         19,2 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-oft peak voltage max.         55 V           Current consumption per contact max.         4 A           Current consumption max.         12 mA           Diagnostics           Status indication LED         yellow           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Metarial group (IEC 60664-1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data           Coating locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Steel           Mechanical data   Mounting data           Mounting method         in	Electrical data   Supply	
Operating voltage AC max.         28.8 V           Operating voltage DC min.         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.         12 mA           Diagnostics           Status indication LED         yellow           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           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           Coating locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         steel           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         -25 °C </td <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 operating per contact max.         4 A           Current consumption max.         12 mA           Diagnostics           Status indication LED         yellow           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           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           Coating locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Steel           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C	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 consumption max.         12 mA           Diagnostics           Status indication LED         yellow           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60684-1)         1           Additional suppressor         Diode, Z-Diode           Mechanical data   Material data         Verzinkt           Colating locking         verzinkt           Color housing         black           Material gasket         PUR           Locking material         Sleel           Mechanical data   Mounting data           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C	Operating voltage AC max.	28,8 V
Operating voltage DC max. 55 V Current operating per contact max. 4 A Current consumption max. 12 mA  Diagnostics Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 6064-1) I Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt Color housing black Material gasket PUR Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Coperating temperature min25 °C  Operating temperature max. 85 °C	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     yellow       Device protection   Electrical       Degree of protection (EN IEC 60529)     IP67       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       Coating locking     verzinkt       Color housing     black       Material gasket     PUR       Locking material     Steel       Mechanical data   Mounting data       Mounting method     inserted, screwed       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Operating voltage DC min.	18 V
Current operating per contact max. 12 mA  Diagnostics  Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 6064-1) I  Additional spressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Operating voltage DC max.	30 V
Current consumption max. 12 mA  Diagnostics  Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67 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  Coating locking verzinkt  Color housing black  Material gasket PUR Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Cut-off peak voltage max.	55 V
Diagnostics       Status indication LED     yellow       Device protection   Electrical       Degree of protection (EN IEC 60529)     IP67       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       Coating locking     verzinkt       Color housing     black       Material gasket     PUR       Locking material     Steel       Mechanical data   Mounting data       Mounting method     inserted, screwed       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Current operating per contact max.	4 A
Status indication LED  Pevice protection   Electrical  Degree of protection (EN IEC 60529)	Current consumption max.	12 mA
Device protection   Electrical  Degree of protection (EN IEC 60529)	Diagnostics	
Degree of protection (EN IEC 60529) IP67 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  Coating locking verzinkt Color housing black Material gasket PUR Locking material steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Status indication LED	yellow
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  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	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  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Degree of protection (EN IEC 60529)	IP67
Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		
Rated surge voltage 0,8 kV  Material group (IEC 60664-1) 1  Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		
Material group (IEC 6064-1) I Additional suppressor Diode, Z-Diode  Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		0,8 kV
Additional suppressor  Mechanical data   Material data  Coating locking  verzinkt  Color housing  black  Material gasket  PUR  Locking material  Steel  Mechanical data   Mounting data  Mounting method  inserted, screwed  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C		I
Mechanical data   Material data  Coating locking verzinkt  Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		Diode, Z-Diode
Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		
Color housing black  Material gasket PUR  Locking material Steel  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Coating locking	verzinkt
Locking material  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Color housing	black
Locking material  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		PUR
Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C		Steel
Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Mechanical data   Mounting data	
Operating temperature min25 °C Operating temperature max. 85 °C	Mounting method	inserted, screwed
Operating temperature max. 85 °C	Environmental characteristics   Climatic	
Operating temperature max. 85 °C	Operating temperature min.	-25 °C
		85 °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: 2024-05-20



# stay connected

lote 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	
vire arrangement	black 1, black 2, black 3, green-yellow
Cable identification	037
Cable Type	3
Printing color of wire insulation	white (isolation black)
acket Color	yellow
ype of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
vire 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
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	<del>-</del>
Outer-diameter (jacket)  Colerance outer diameter (sheath)	6,5 mm ± 5 %
. , ,	
Material wire insulation	PP 4
Amount wires	
Outer diameter insulation	1,85 mm
Outer diameter tolerance core insulation	±5%
hore hardness wire insulation	70 ± 5 Shore D
ngredient 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
Iominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9,6 A
lectrical resistance line constant wire	26 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2,5 kV @ 60 s
fin. 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
lame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
hemical resistance	Good, application-related testing
Sasoline resistance	Good, application-related testing
Dil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
lo. of bending cycles (C-track)	10 Mio. @ 25 °C
raversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
lo. of torsion cycles	2 Mio.
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## Product-PDF for Article 7000-58001-0370150



Torsion speed

35 cycles/min