

MSUD double valve A-18mm with cable

PUR 4x0.75 ye UL/CSA+drag ch. 3m

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

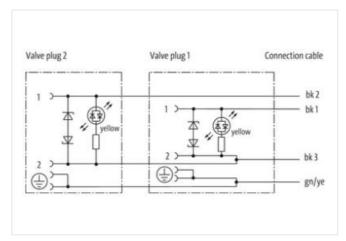
Plastic housings with good resistance against chemicals and oils.

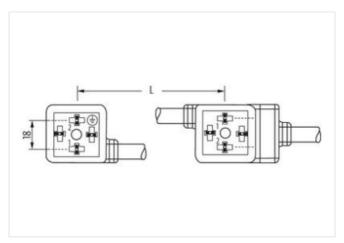
The resistance to aggressive media should be individually tested for your application. Further details on request.

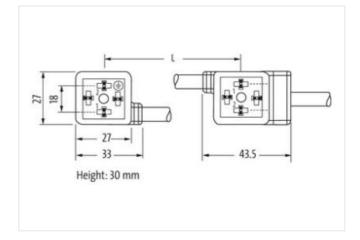
Link to Product

Illustration









Product may differ from Image



Cable length 3 m

Side 1

Tightening torque 0,4 Nm

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: 2024-05-28



stay connected

Material	Thread	M3
Tightening torque	Material	PBT
Part	Side 2	
Part	Tightening torque	0.4 Nm
Motorial PBT		
Commercial data		
ECLASS-6.0 27279218 ECLASS-6.1 2779218 ECLASS-7.0 27279218 ECLASS-8.0 27790312 ECLASS-9.0 27060312 ECLASS-11.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 E001855 customs tarff number 65444290 GTIN 408879137973 Packaging unit 1 Electrical data 1 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 mix 4 A Current operating per contact mix 4 A Current operating per contact mix 4 A Device protection [Electrical Deprece of protection [Electrical Deprece of protection [Electrical Depreced protecti		
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27680312 ECLASS-1.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-17.0 ECOMBAS CUSTOM MICHIDARY 85444290 GTIN 408679137973 Packaging unt 1 Electrical data 1 Electrical data Drop-out delay time max. Electrical data Supply 20 ms Operating voltage AC 24 V Operating voltage AC max. 28 8 V Operating voltage AC max. 28 8 V Operating voltage DC max. 18 V Operating voltage DC max. 30 V Cut-ort gask voltage max. 4 A Current consumption max. 12 mA Diagnostics Status indication LED Status indication LED (see See) 1967 Device protection [Electrical data] 1 Pollution Degree 3 Radicional surpressor Diod		07070040
ECLASS-70 227918 ECLASS-8.0 27778218 ECLASS-9.1 27060312 ECLASS-10.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 ECO01895 customs farfin umber 6844290 GTIN 4048878137972 Peckaging unit 1 Electrical data 1 Prop out delay lime max. 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 Out-of peak voltage max. 55 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 IEC 6852) IP67 Additional condition protection degree inserted, screwed Pollution Degree 3 Rate a surge voltage 0,8 kV Material group (IEC 686641) 1		
ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 ECO01855 customs staff rumber 85444290 GTIN 404887913773 Packaging unit 1 Electrical data Very Called Staff Supply Drop-out delay time max. 2 ms Electrical data Supply Very Called Staff Supply Operating voltage AC 24 V Operating voltage AC min. 19.2 V Operating voltage AC min. 19.2 V Operating voltage AC max. 28.8 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Current operating per corriact max. 2 x mA Uniform operating per corriact max. 2 x mA Uniform operating per corriact max. 4 A Oberating voltage DC max. 30 V Uniform operating per corriact max. 4 A Uniform operating per corriact max. 2 b mA Diagram operating p		
ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-6.0 EC001855 Lustoms traff number 8544290 GTIN 4048879137973 Packaging unit 1 Electrical data UNITARIA (STATE) Prop out delay time max. 20 ms Electrical data [Suppt) UNITARIA (STATE) 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 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 protection Electrical yellow Degree of protection		
ECLASS-10.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 usustoms tariff number 85444290 GTIN 4048879137973 Packaging unt 1 Electrical data Electrical data Drop-out delay ime max. 20 ms Electrical data Supply Poperating voltage AC Operating voltage AC max. 28 & V Operating voltage AC max. 28 & V Operating voltage AC max. 28 & V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Cut off peak voltage max. 55 V Current operating per contact max. 4 A Current operating per contact max. 9 elbw Degree of protection [Electrical <t< td=""><td></td><td></td></t<>		
ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 ECO01855 customs tariff number 85444290 GTIM 4048879137973 Packaging unit 1 Electrical data Drop out delay time max. 20 ms Electrical data Supply 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 voltage DC min. 18 V Current operating per contact max. 4 A Current operating per contact max. 4 A Current operating per contact max. 4 A Degree of protection [Electrical yellow Degree of protection [Electrical Degree of protection [Electrical yellow Political out protection (EN IEC 60529) P67 Additional condition protection degree inserted, screwed Political suppressor Dicke, 2-Di		
ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 8544290 GTIN 4048879137973 Packaging unit 1 Electrical data ************************************		
ETIM-5.0 EC001985 customs tariff number 85444290 GTIN 404879137973 Packaging unil 1 Electrical data Verbreit Uprop out delay time max. 2 0 ms Electrical data [Supply Uproposed delay [Supply of the part of the par		
customs tariff number 85444290 GTIN 4048879137973 Packaging unit 1 Electrical data		
GTIN 4048879137973 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 min. 18 V Operating voltage max. 30 V Current operating per contact max. 4 A Current operating per contact max. 4 A Current operating per contact max. 4 A Current operating per contact max. 9 Per Max Operating teleprotection [Electrical Degree of protection [Electrical Degree of protection [Electrical Degree of protection (Ell Electrical) Per Part of protection (Ell Electrical) Degree of protection (Ell Ell Electrical) Degree of protection (Ell Ell Ell Ell Ell Ell Ell Ell Ell El		
Packaging unit 1		
Prop-out delay time max.		
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 looking 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. 24 V	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 60664-1) 1 Additional suppressor Diode, Z-Diode Mechanical data Material data Verzinkt Coling locking verzinkt Color housing black Material gasket PUR Locking material Steel 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		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 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	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		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		4 A
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 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	
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		inserted, screwed
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		
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	Rated surge voltage	0,8 kV
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 60664-1)	I
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	Additional suppressor	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	Mechanical data Material data	
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
Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C	Material gasket	PUR
Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C	Locking material	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 min.	-25 °C
Additional condition temperature range depending on cable quality	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality

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: 2024-05-28



stay connected

Important installation notes		
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
lote 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		
rire arrangement	black 1, black 2, black 3, green-yellow	
Cable identification	037	
Cable Type	3	
rinting color of wire insulation	white (isolation black)	
acket Color	yellow	
ype of Certificate	cURus	
mount stranding	1	
tranding	4 wires twisted	
rire arrangement	black 1, black 2, black 3, green-yellow	
Cable weigth	69,3 g/m	
laterial jacket	PUR	
hore hardness jacket	90 ± 5 Shore A	
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket)	6,5 mm	
olerance outer diameter (sheath)	± 5 %	
Material wire insulation	PP PP	
mount wires	4	
Outer diameter insulation	1.85 mm	
Outer diameter insulation	± 5 %	
thore hardness wire insulation	70 ± 5 Shore D	
ngredient freeness wire insulation		
igredient neerless wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
rinting color of wire insulation	white (isolation black)	
mount strands (wire)	42	
liameter of single wires	0,15 mm	
conductor crosssection (wire)	0,75 mm ²	
laterial conductor wire	Stranded copper wire, bare	
conductor type (wire)	strand class 6	
lominal 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	
lower frequency withstand voltage (wire - acket)	2,5 kV @ 60 s	
fin. operating temperature (static)	-40 °C	
fax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation	
perating temperature min. (dynamic)	-25 °C	
perating 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	
ending radius (fixed)	5 x Outer diameter	
ending 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	
ravel speed (C-track)	3 m/s @ 25 °C	
lo. of torsion cycles	2 Mio.	
•		

Product-PDF for Article 7000-58001-0370300



Torsion speed

35 cycles/min