

MSUD double valve A-18mm with cable

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

Art.No.: 7000-58001-0371000

Weight: 0.626 Country of origin: CZ

Model designation: MSKL3-036_110-KL3-037_10.0

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

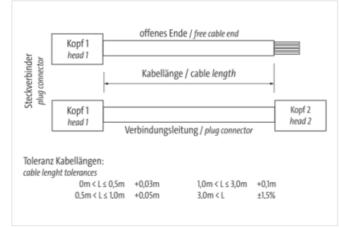
Plastic housings with good resistance against chemicals and oils.

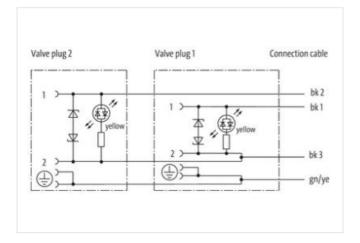
The resistance to aggressive media should be individually tested for your application. Further details on request.

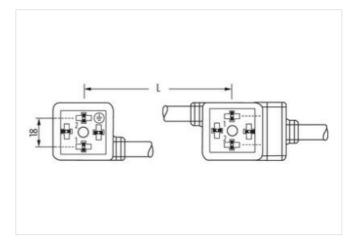
Link to Product

Illustration

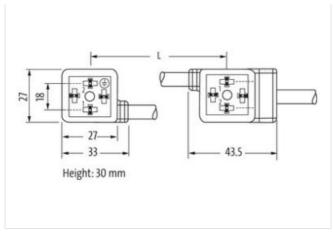












Product may differ from Image



Thread M3 Material PBT Side 2 PBT Tightening torque 0,4 Nm Thread M3 Material PBT Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-1.1 27060312 ECLASS-12.0 27060312 CULASS-12.0 27060312 Customs tariff number 85444290 EAN 4065905915834 Packaging unit 1 Electrical data 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 DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC min. 30 V	Cable length	10 m
Thread M3 Material PBT Side 2 Tightening torque 0,4 Nm Thread M3 Material PBT Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-10.1 270603	Side 1	
Material PBT Side 2 Tightening torque 0.4 Nm Thread M3 Material PBT Commercial date ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 1 ECLASS-10.1 27060312 ECLASS-10.1 27060	Tightening torque	0,4 Nm
Side 2 Tightening torque 0,4 Nm Thread M3 Material PBT Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-1.1 27060312 ECLASS-12.0 27060312 customs tariff number 85444290 EAN 4065909015834 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical yottage AC 24 V 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	Thread	M3
Tightening torque 0,4 Nm Thread M3 Material PBT Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-11.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-11.1 27060312 ECLASS-12.0 12060312 ECLASS-11.1 12060312 ECLASS-12.0 27060312 ECLASS-10.1 12000312 ECL	Material	PBT
Thread M3 Material PBT Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27080312 customs tariff number 85444290 EAN 4065909015834 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC max. 28.8 V Operating voltage DC max. 30 V	Side 2	
Material PBT Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 customs tariff number 85444290 EAN 4065909015834 Packaging unit 1 Electrical data Vorpo-out delay time max. Drop-out delay time max. 20 ms Electrical data Supply Voperating 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	Tightening torque	0,4 Nm
ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 customs tariff number 85444290 EAN 4065909015834 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 max. 28,8 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V	Thread	M3
ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 CCLASS-12.0 27060312 Customs tariff number 85444290 EAN 4065909015834 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 max. 28,8 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V	Material	PBT
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 customs tariff number 85444290 EAN 4065909015834 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms 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 max. 30 V	Commercial data	
ECLASS-7.0 2729218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 customs tariff number 85444290 EAN 4065909015834 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 max. 28.8 V Operating voltage DC min. 18 V	ECLASS-6.0	27061801
ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 customs tariff number 85444290 EAN 4065909015834 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating 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 max. 30 V	ECLASS-6.1	27279218
ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 customs tariff number 85444290 EAN 4065909015834 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 max. 28,8 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V	ECLASS-7.0	27279218
ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 customs tariff number 85444290 EAN 4065909015834 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 max. 28,8 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V	ECLASS-8.0	27279218
ECLASS-11.1 27060312 ECLASS-12.0 27060312 customs tariff number 85444290 EAN 4065909015834 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms 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 min. 18 V Operating voltage DC max. 30 V	ECLASS-9.0	27060312
ECLASS-12.0 27060312 customs tariff number 85444290 EAN 4065909015834 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms 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 max. 30 V Operating voltage DC max. 30 V	ECLASS-10.1	27060312
customs tariff number 85444290 EAN 4065909015834 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms 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 min. 18 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V	ECLASS-11.1	27060312
EAN 4065909015834 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms 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 min. 18 V Operating voltage DC min. 30 V	ECLASS-12.0	27060312
Packaging unit 1 Electrical data Drop-out delay time max. 20 ms 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 30 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V	customs tariff number	85444290
Electrical data Drop-out delay time max. 20 ms 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 34 V Operating voltage DC 30 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V	EAN	4065909015834
Drop-out delay time max. 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 34 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V	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 min. 18 V Operating voltage DC max. 30 V	Electrical data	
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	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	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	Operating voltage AC	24 V
Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V	Operating voltage AC min.	19,2 V
Operating voltage DC min. 18 V Operating voltage DC max. 30 V	Operating voltage AC max.	28,8 V
Operating voltage DC max. 30 V	Operating voltage DC	24 V
	Operating voltage DC min.	18 V
Cut-off peak voltage max. 55 V	Operating voltage DC max.	30 V
	Cut-off peak voltage max.	55 V



stay connected

Current operating per contact max.	4 A
Current consumption max.	12 mA
Diagnostics	
Status indication LED	yellow
Device protection Electrical) contract of the contract of
·	ID07
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)	Diada 7 Diada
Additional suppressor	Diode, Z-Diode
Mechanical data Material data	
Color housing	black
Coating locking	galvanized
Material gasket	PUR
Locking material	Steel
Mechanical data Mounting data	
Mounting method	inserted, screwed
Environmental characteristics Climatic	
·	25.00
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation Cable	
wire arrangement	black 1, black 2, black 3, green-yellow
Cable identification	037
Cable Type	3
Printing color of wire insulation	white (isolation black)
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	
9	4 wires twisted
wire arrangement	4 wires twisted black 1, black 2, black 3, green-yellow
wire arrangement	black 1, black 2, black 3, green-yellow
wire arrangement Cable weigth	black 1, black 2, black 3, green-yellow 69,3 g/m
wire arrangement Cable weigth Material jacket	black 1, black 2, black 3, green-yellow 69,3 g/m PUR
wire arrangement Cable weigth Material jacket Shore hardness jacket	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 %
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 % PP
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 % PP
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 % PP 4 1,85 mm
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 % PP 4 1,85 mm ± 5 %
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 % PP 4 1,85 mm ± 5 % 70 ± 5 Shore D
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 % PP 4 1,85 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Printing color of wire insulation	black 1, black 2, black 3, green-yellow 69,3 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 % PP 4 1,85 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free white (isolation black)

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: 2025-09-13



Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min