

## MSUD double valve A-18mm with cable

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

Art.No.: 7000-58021-2371000

Weight: 0.629 Country of origin: CZ

Model designation: MSKL3-236 150-KL3-237 10.0

Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 150 mm Further cable lengths on request.

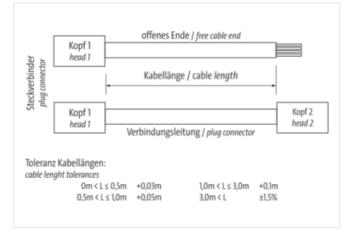
Plastic housings with good resistance against chemicals and oils.

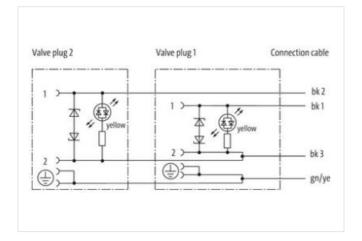
The resistance to aggressive media should be individually tested for your application. Further details on request.

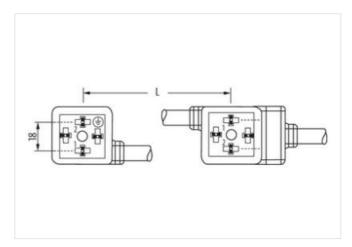
## **Link to Product**

## Illustration



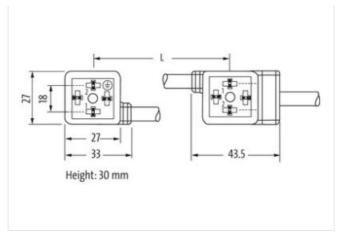








stay connected



Product may differ from Image



Thread         M3           Commercial data           ECLASS-6.0         27279218           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         27060312           ETIM-5.0         EC01855           customs tariff number         85444290           customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           Packaging unit         1           Packaging unit         1           Pop-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	Cable length	10 m	
Tightening torque         0.4 Nm           Side 2           Tightening torque         0.4 Nm           Thread         M3           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-1.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           1         1           Packaging unit         1           1         1           Packaging unit         1           1         1           Pectrical data         1           Drop-out delay time max.         20 ms	Side 1		
Thread M3  Side 2  Tightening torque 0,4 Nm Thread M3  Commercial data  ECLASS-6.0 27279218  ECLASS-6.1 27279218  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-11.1 27060312  ECLASS-12.0 27060312  ETIM-5.0 ECO01855  customs tariff number 85444290  customs tariff number 85444290  EAN 4048879137423  EA		O.4 Nee	
Side 2           Tightening torque         0,4 Nm           Thread         M3           COMBRE (Institution of the properties)           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-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           Electrical data         User (Institution of the properties)           Drop-out delay time max.         20 ms           Electrical data   Supply           Operating voltage AC (Institution of the properties)         24 V           Operating voltage AC max.         28.8 V           Operating voltage DC min.         18 V		*	
Tightening torque         0,4 Mm           Thread         M3           Commercial data           ECLASS-6.0         27279218           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         EC001855           customs tariff number         85444290           customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           Packaging unit         1           Packaging unit         1           Petertical data         V           Operating voltage AC min.         24 V           Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage DC min.         18 V		M3	
Thread         M3           Commercial data           ECLASS-6.0         27279218           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         27060312           ETIM-5.0         EC01855           customs tariff number         85444290           customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           Packaging unit         1           Packaging unit         1           Pop-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	Side 2		
Commercial data           ECLASS-6.0         27279218           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         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           Packaging unit         1           Electrical data         Usons           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	Tightening torque	0,4 Nm	
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27060312 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 ECOMBS5 customs tariff number 85444290 customs tariff number 85444290 EAN 4048879137423 EAN 50 50 50 50 50 50 50 50 50 50 50 50 50	Thread	M3	
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         27060312           ETIM-5.0         ECO01855           customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           Flectrical data         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 min.         18 V	Commercial data		
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC01855           customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           Packaging unit         1           Electrical data         Uson-           Drop-out delay time max.         20 ms           Electrical data   Supply         Uson-           Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage DC min.         18 V	ECLASS-6.0	27279218	
ECLASS-8.0 27279218  ECLASS-9.0 27060312  ECLASS-10.1 27060312  ECLASS-11.1 27060312  ECLASS-12.0 27060312  ETIM-5.0 ECONSTAIR SAIVE	ECLASS-6.1	27279218	
ECLASS-9.0       27060312         ECLASS-10.1       27060312         ECLASS-11.1       27060312         ECLASS-12.0       27060312         ETIM-5.0       EC001855         customs tariff number       85444290         customs tariff number       85444290         EAN       4048879137423         EAN       4048879137423         Packaging unit       1         Packaging unit       1         Flectrical 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	ECLASS-7.0	27279218	
ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 customs tariff number 85444290 EAN 4048879137423 EAN 4048879137423 EAN 4048879137423 Packaging unit 1 Packaging unit 1 Packaging unit 1 Pectrical 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-8.0	27279218	
ECLASS-11.1       27060312         ECLASS-12.0       27060312         ETIM-5.0       EC001855         customs tariff number       85444290         customs tariff number       85444290         EAN       4048879137423         EAN       4048879137423         Packaging unit       1         Packaging unit       1         Flectrical data       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	ECLASS-9.0	27060312	
ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           Packaging unit         1           Pop-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	ECLASS-10.1	27060312	
ETIM-5.0         EC001855           customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           Packaging unit         1           Electrical data         Use of the control of the con	ECLASS-11.1	27060312	
customs tariff number         85444290           customs tariff number         85444290           EAN         4048879137423           EAN         4048879137423           Packaging unit         1           Packaging unit         1           Electrical data         Use an experimental contents of the proposed of the	ECLASS-12.0	27060312	
customs tariff number       85444290         EAN       4048879137423         EAN       4048879137423         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	ETIM-5.0	EC001855	
EAN 4048879137423  EAN 4048879137423  Packaging unit 1  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 24 V  Operating voltage DC min. 18 V	customs tariff number	85444290	
EAN 4048879137423  Packaging unit 1 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 24 V Operating voltage DC min. 18 V	customs tariff number	85444290	
Packaging unit 1 Packaging unit 1  Electrical data Drop-out delay time max. 20 ms  Electrical data   Supply Operating voltage AC inin. 19,2 V Operating voltage AC max. 28,8 V Operating voltage DC inin. 18 V	EAN	4048879137423	
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	EAN	4048879137423	
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 ini. 18 V	Packaging unit	1	
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 ini. 18 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 inin. 18 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	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	Electrical data   Supply		
Operating voltage AC max. 28,8 V Operating voltage DC 24 V Operating voltage DC min. 18 V	Operating voltage AC	24 V	
Operating voltage DC 24 V Operating voltage DC min. 18 V	Operating voltage AC min.	19,2 V	
Operating voltage DC min. 18 V	Operating voltage AC max.	28,8 V	
	Operating voltage DC	24 V	
Operating voltage DC max. 30 V	Operating voltage DC min.	18 V	
	Operating voltage DC max.	30 V	

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: 2025-09-15



stay connected

Cut-off peak voltage max.	55 V
Current operating per contact max.	4 A
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	
·	
Material housing	Plastic
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	
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	
	black 4 black 0 black 0 grang vellow
wire arrangement	black 1, black 2, black 3, green-yellow
Cable identification	237
Cable Type Printing color of wire insulation	3
Jacket Color	white (isolation black)
Type of Certificate	gray cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	black 1, black 2, black 3, green-yellow
Cable weigth	69,3 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4 1.05 mm
Outer diameter insulation	1,85 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Ingredient freeness wire insulation  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
Nominal voltage AC max.	300 V
<u> </u>	
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard)  Current load capacity min. wire	to DIN VDE 0298-4 9.6 A
Current load capacity (standard)  Current load capacity min. wire  Electrical resistance line constant wire	to DIN VDE 0298-4 9,6 A 26 Ω/km @ 20 °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: 2025-09-15



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 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
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