

MSUD double valve BI-11mm with cable

PUR 4x0.75 bk UL/CSA 3m

Form BI (11 mm)

24 V AC $\pm 20\%$ / DC $\pm 25\%$

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 naar het product](#)**Afbeelding**

Product van afwijken van afbeelding



Cable length 3 m

Side 1

Tightening torque 0,4 Nm

Thread	M3
--------	----

Side 2

Tightening torque	0,4 Nm
-------------------	--------

Thread	M3
--------	----

Commerciële gegevens

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	27060312
-------------	----------

Douane tarief nummer	85444290
----------------------	----------

GTIN	4065909036143
------	---------------

Verpakkingseenheid	1
--------------------	---

Electrical data

Capacity CX	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
---------------------------	------

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
--	-------------------

Rated surge voltage	0,8 kV
---------------------	--------

Mechanical data | Material data

Color housing	black
---------------	-------

Material housing	Plastic
------------------	---------

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

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
Cable weight	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
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
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	Good, application-related testing DIN EN 60811-404
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter