

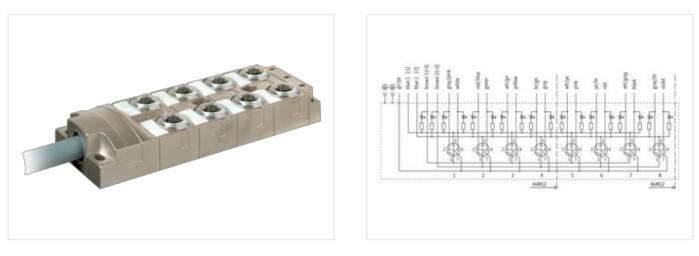
MVP-METALL, 8XM12, 5POLE, PRE-WIRED CABLE

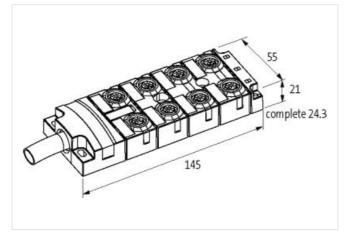
10.0m PUR 16x0,34+5X0.75, UL/CSA

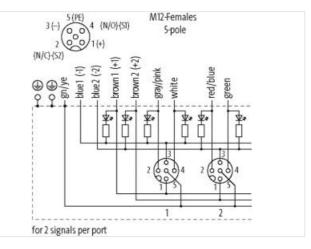
8-way, 5-pole 10.0 m potentially separated Replaces identical product (Art.No. 27523) with LED for digital PNP-signals 24 V DC Separate protection of ports 1, 3, 5, 7 or 2, 4, 6, 8 possible. Further cable lengths on request.

Link to Product









Product may differ from Image



ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	

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Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



ECLASS-8.0	27279219
ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879352598
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68
	n oo, n or, n oo
Mechanical data Material data	
Coating housing	Nickeled
Material housing	Zinc die-casting
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	90 °C
Additional condition temperature range	depending on cable quality
Additional condition tomporatare range	
Installation Cable	
	403
Installation Cable	
Installation Cable Cable identification	403
Installation Cable Cable identification Printing color of wire insulation	403 white (isolation blue), white (isolation brown)
Installation Cable Cable identification Printing color of wire insulation Jacket Color	403 white (isolation blue), white (isolation brown) gray
Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate	403 white (isolation blue), white (isolation brown) gray cURus
Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding	403 white (isolation blue), white (isolation brown) gray cURus 1
Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted
Installation Cable Cable identification Printing color of wire insulation Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min.	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding (type 2)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 1 6 wires counter-rotating twisted 105 mm 105 mm
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 6 wires counter-rotating twisted 105 mm 105 mm Fleece
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm Fleece yes
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 6 wires counter-rotating twisted 105 mm 105 mm Fleece
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max.Finding factor max.Filler	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green,
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangement	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementCable weigth	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 253 g/m
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor min. (type 2)Stranding factor max.Amount stranding (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementCable weigthMaterial jacket	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 253 g/m PUR
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Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 253 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 253 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,5 mm
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max.Amount stranding (type 2)Stranding factor max. (type 2)Banding factor max. (type 2)BandingFillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm Pleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 253 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,5 mm ± 5 %
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Banding factor max. (type 2)BandingFillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulation	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 253 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,5 mm ± 5 % TPE
Installation CableCable identificationPrinting color of wire insulationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wires	403 white (isolation blue), white (isolation brown) gray cURus 1 5 wires around Core filler twisted 70 mm 70 mm 1 16 wires counter-rotating twisted 105 mm 105 mm Fleece yes (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 253 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,5 mm ± 5 % TPE 5

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Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Printing color of wire insulation	white (isolation blue), white (isolation brown)
Traversing distance (C-track)	1,8 m @ 25 ℃
Amount strands (wire)	96
Diameter of single wires	0.1 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	TPE
Outer diameter wire insulation (Data)	1,4 mm
Tolerance outer diameter wire insulation (data)	
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount wires (Data)	
Amount strands wire (Data)	42
	42 0.1 mm
Diameter of single wires (Data)	
Conductor crosssection wire (Data)	0,34 mm ²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9 A
Current load capacity min. Wire (Data)	4 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C
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
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	16
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
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PIN 5

ΡE

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