

## **CAP FOR D-BOX M124-WAY 5-POLE**

No pot.-sep.20m PUR, 8x0,5+3x1,0

for 4-way distribution boxes, 5-pole 20.0 m

Further cable lengths on request.

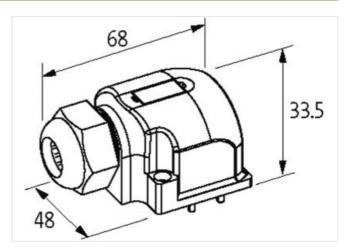
Plastic housings with good resistance against chemicals and oils.

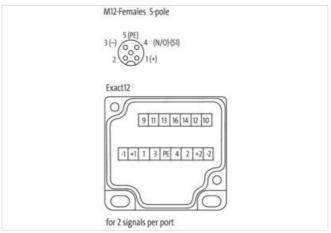
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **Link to Product**

## Illustration







Product may differ from Image



Commercial data	
ECLASS-6.0	27143423
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-8.0	27279219
ECLASS-9.0	27440108

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: 2024-04-25



stay connected

ECLASS-11.1   27-40108   27-40108   ECLASS-12.0   27-40108   ECLASS-12.0   27-40108   ECLASS-12.0   27-40108   ECLASS-12.0   27-40108   ECLASS-12.0   27-40108   ECLASS-12.0   27-40108   ECCASS-12.0   27-40108   ECCASS-1	ECLASS-10.1	27440108
ECASS 12.0         27440108           Citations tand number         85444290           GTIN         4048879055499           Packaging unit         1           Electrical data I Supply         Total current max.         8 A           Device protection I Media         Farm resistance         flame retardant           Mechanical data I Material data         Material possible programment of the protection I Media I Material data I Mat		
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Packaging   1   1   1   1   1   1   1   1   1		
Packaging unit         1           Electrical data   Supply         8 A           Total current max         8 A           Percise protection   Media         Immerisation           Plane resistance         flame retardant           Mechanical data   Material data         Machanical modified           Environmental characteristics   Climatic         Condition   Co		
Board   Supply		
Total current max. 8 A  Device protection   Media		ı
Pare resistance   flame retardant		
Flame resistance flame retardant  Mechanical data   Melerial data  Material housing Plastic  Environmental characteristica   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Cabbie identification   448  Jacket Color gray  Type of Certificate cUffus  Amount stranding 1 1  Stranding 2 evires with Filler twisted  Stranding factor max. 51 mm  Stranding factor max. 51 mm  Stranding factor max. 51 mm  Stranding factor max. (ypp 2) 9 wires around Stranding combination counter-rotating livisted  Stranding factor min. (ypp 2) 100 mm  Stranding factor min. (ypp 2) 100 mm  Stranding factor min. (ypp 2) 100 mm  Banding Fleece  Filler yes  wire arrangement white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cabbie weigh 146,39 mm  Material jacket PUR  Shore hardness jacket PUR  Shore hardness jacket PUR  Shore hardness jacket PUR  Material min impedients (jacket) 9 mm  Tolerance outer diameter (packet) 9 mm  Tolerance outer diameter (packet) 145,30 mm  Material wire insulation 1,6 mm  Outer diameter insulation 1,0 mm  Outer of single wires  O, 5 mm²  Material view insulation (Data) 7FE-E  Material view insulation (Data) 7FE-E		8 A
Material housing Plastic  Environmental characteristics   Climatic  Poperating temperature min.	Device protection   Media	
Environmental characteristics   Climatic	Flame resistance	flame retardant
Coperating temperature min.   -20 °C	Mechanical data   Material data	
Operating temperature min. 20 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable   Cable identification	Material housing	Plastic
Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Installati	Environmental characteristics   Climatic	
Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Installati	Operating temperature min.	-20 °C
Additional condition temperature range depending on cable quality  Installation   Cable    Cable identification		
Installation   Cable           Cable identification         448           Jacket Color         gray           Type of Certificate         cUBus           Amount stranding         1           Stranding         2 wires with Filler twisted           Stranding factor min.         51 mm           Stranding factor max.         51 mm           Amount stranding (type 2)         1           Stranding factor min. (type 2)         9 wires around Stranding combination counter-rotating twisted           Stranding factor min. (type 2)         100 mm           Stranding factor max. (type 2)         100 mm           Banding         Fleece           Filler         yes           wire arrangement         white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weigh         146,3 g/m           Material jacket         PUR           Shore hardness jacket         94 ± 5 Shore A           Freedom from ingredients (jacket)         jacket read injury free, CFC-free, halogen-free, silicone-free, LABS-free           Outer-diameter (jacket)         9 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires	<u> </u>	
Cable identification 448 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 2 wires with Filler twisted Stranding factor min. 51 mm Stranding factor max. 51 mm Amount stranding (type 2) 1 Stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination counter-rotating twisted Stranding factor min. (type 2) 100 mm Stranding factor min. (type 2) 100 mm Stranding factor min. (type 2) 100 mm  Banding Fleece Filler yes wire arrangement white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green) No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weighh 146.3 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free Outer-diameter (jacket) 9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 8 Outer diameter tolerance core insulation 1.6 mm Outer diameter tolerance core insulation 1.6 mm Outer diameter tolerance core insulation 1.6 mm Outer diameter insulation 1.6 mm Outer diameter tolerance core insulation 1.6 mm Outer diameter folerance core insulation 1.6 mm Outer diameter insulation 1.6 mm Outer diameter insulation 1.6 mm Outer diameter folerance core insulation 1.6 mm		depending on easie quality
Jacket Color   Gray		
Type of Certificate cURus  Amount stranding 1  Stranding 2 wires with Filler twisted  Stranding factor min. 51 mm  Stranding factor max. 51 mm  Amount stranding (type 2) 1  Stranding factor min. (type 2) 9 wires around Stranding combination counter-rotating twisted  Stranding factor min. (type 2) 100 mm  Stranding factor min. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  White, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)  No. of bending cycles (C-track) 5 Min. @ 25 °C  Cable weight 146, 3g/m  Material goket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Otter-diameter (jacket) 9 mm  Cuter-diameter (jacket) 5 ± 5 %  Material wire insulation 1,6 mm  Outer diameter insulation 1,6 mm  Outer diameter insulation 1,6 mm  Outer diameter insulation 55 ± 3 Shore D  Ingredient freeness wire insulation 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire) 64  Diameter of single wires 0,1 mm  Conductor wire Stranded copper wire, bare  Onductor wire Stranded copper wire, bare  Material conductor wire Stranded copper wire, bare  Material conductor wire Stranded copper wire, bare	-	448
Amount stranding         1           Stranding         2 wires with Filler twisted           Stranding factor min.         51 mm           Stranding factor max.         51 mm           Amount stranding (type 2)         1           Stranding factor min. (type 2)         9 wires around Stranding combination counter-rotating twisted           Stranding factor min. (type 2)         100 mm           Stranding factor max. (type 2)         100 mm           Banding         Fleece           Filler         yes           wire arrangement         white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)           No. of bending cycles (C-track)         5 Min. @ 25 °C           Cable weigth         146,3 g/m           Material jacket         PUR           Shore hardness jacket         94 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free           Outer-diameter (jacket)         9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         1,6 mm           Outer diameter tolerance core insulation         ± 5 %           Shore Dardness wire insulation         1,6 mm           Outer diameter free, cadmium-free		
Stranding 2 wires with Filler twisted  Stranding factor min. 51 mm  Stranding factor max. 51 mm  Amount stranding (type 2) 1  Stranding (type 2) 9 wires around Stranding combination counter-rotating twisted  Stranding factor min. (type 2) 100 mm  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weigh 146,3 g/m  Material jacket PUR  Shore hardness facket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, admium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,6 mm  Outer diameter tolerance core insulation 55 ± 3 Shore D  Ingredient freeness wire insulation 1,6 mm  Outer diameter insulation 1,6 mm  Outer diameter insulation 1,6 mm  Outer diameter fiesulation 1,6 mm  Outer diameter fiesulation 1,6 mm  Outer diameter of single wires 0,1 mm  Conductor orsessection (wire) 64  Diameter of single wires 0,1 mm  Conductor orsessection (wire) 0,5 mm²  Material conductor wire 5tranded copper wire, bare  Material conductor wire 5tranded copper wire, bare  Material wire insulation (Data) TPE-E		
Stranding factor min. 51 mm  Stranding factor max. 51 mm  Amount stranding (type 2) 1  Stranding (type 2) 9 wires around Stranding combination counter-rotating twisted  Stranding factor min. (type 2) 100 mm  Stranding factor min. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Banding Fleece  Filler yes wire arrangement white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weight 146,3 g/m  Material jacket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter tolerance core insulation 1,6 mm  Outer diameter tolerance core insulation 1,6 mm  Outer diameter tolerance core insulation 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire) 64  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,5 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand closus 6  Material conductor wire Stranded copper wire, bare  Material conductor wire  Stranded copper wire, bare	Amount stranding	
Stranding factor max. 51 mm  Amount stranding (type 2) 1  Stranding (type 2) 9 wires around Stranding combination counter-rotating twisted  Stranding factor max. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Banding Fleece  Filler yes wire arrangement white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weight 146.3 g/m  Material jacket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,6 mm  Outer diameter insulation 55 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire) 64  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,5 mm²  Material onductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		2 wires with Filler twisted
Amount stranding (type 2)  Stranding (type 2)  9 wires around Stranding combination counter-rotating twisted  Stranding factor min. (type 2)  100 mm  Stranding factor max. (type 2)  100 mm  Banding  Fleece  Filler  yes  wire arrangement  No. of bending cycles (C-track)  5 Mio. @ 25 °C  Cable weigh  Material jacket  PUR  Shore hardness jacket  94 ± 5 Shore A  Freedom from ingredients (jacket)  Outer-diameter (jacket)  9 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  TPE-E  Amount wires  8  Outer diameter insulation  1,6 mm  Outer diameter insulation  1,6 mm  Outer diameter rolerance core insulation  1,5 %  Shore bardness wire insulation  1,6 mm  Outer diameter rolerance core insulation  1,6 mm  Outer diameter swire insulation  1,6 mm  Outer diameter (sheath)  5 5 ± 3 Shore D  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire)  64  Diameter of single wires  0,1 mm  Conductor cross-section (wire)  Os mm²  Material wire insulation  Stranded copper wire, bare  Conductor type (wire)  Stranded copper wire, bare  Material wire insulation (Data)  TPE-E  Conductor type (wire)  strand class 6  Material wire insulation (Data)  TPE-E		51 mm
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Stranding factor min. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Banding Fleece Filler yes wire arrangement white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green) No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weigth 146,3 g/m  Material jacket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter of insulation 1,6 mm  Outer diameter or einsulation 55 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire) 64  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,5 mm²  Material owire insulation Clata) TPE-E  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		
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No. of bending cycles (C-track)  5 Mio. @ 25 °C  Cable weigth  146,3 g/m  Material jacket  PUR  Shore hardness jacket  94 ± 5 Shore A  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket)  9 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  TPE-E  Amount wires  8  Outer diameter insulation  1,6 mm  Outer diameter tolerance core insulation  ± 5 %  Shore hardness wire insulation  55 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Diameter of single wires  0,1 mm  Conductor crosssection (wire)  0,5 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Material wire insulation (Data)  TPE-E	Filler	·
Cable weigth  Material jacket  PUR  Shore hardness jacket  PUR  Shore hardness jacket  Pure-diameter (jacket)  John mingredients (jacket)  Pure-diameter insulation  TPE-E  Amount wires  8  Outer diameter insulation  Jure-diameter tolerance core insulation  Surie insulation  Surie insulation  Surie insulation  Jure-diameter (jacket)  Pure-diameter (jacket)  Pure-diameter (jacket)  Pure-diameter insulation  Pure-diameter (jacket)  Pure-diameter insulation  Pure-diameter (jacket)  Pure-diameter insulation  Pure-diameter (jacket)  Pure-diameter insulation  Pure-diameter (jacket)  Pure-diameter (jacheticale)  Pure-diameter (jachet		
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Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,6 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 55 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire) 64  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,5 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		<u> </u>
Freedom from ingredients (jacket)  Duter-diameter (jacket)  9 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  Outer diameter insulation  TPE-E  Amount wires  8  Outer diameter insulation  1,6 mm  Outer diameter tolerance core insulation  55 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Ead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire)  64  Diameter of single wires  0,1 mm  Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Material wire insulation (Data)  TPE-E		
Outer-diameter (jacket)       9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       TPE-E         Amount wires       8         Outer diameter insulation       1,6 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       55 ± 3 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         Amount strands (wire)       64         Diameter of single wires       0,1 mm         Conductor crosssection (wire)       0,5 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Material wire insulation (Data)       TPE-E	·	94 ± 5 Shore A
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Amount wires  Outer diameter insulation  1,6 mm  Outer diameter tolerance core insulation  55 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient free		
Outer diameter insulation 1,6 mm  Outer diameter tolerance core insulation ±5 %  Shore hardness wire insulation 55 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire) 64  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,5 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		
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Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,5 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E	- <u> </u>	
Conductor crosssection (wire) 0,5 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		64
Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		0,1 mm
Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E	Conductor crosssection (wire)	0,5 mm <sup>2</sup>
Material wire insulation (Data) TPE-E	Material conductor wire	Stranded copper wire, bare
	Conductor type (wire)	strand class 6
Outer diameter wire insulation (Data) 2,1 mm	Material wire insulation (Data)	TPE-E
	Outer diameter wire insulation (Data)	2,1 mm



Tolerance outer diameter wire insulation (data)	±5%
,	

Tolerance outer diameter wire insulation (data)	±3 /6
Shore hardness wire insulation (Data)	55 ± 3 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount wires (Data)	3
Amount strands wire (Data)	128
Diameter of single wires (Data)	0,1 mm
Conductor crosssection wire (Data)	1 mm <sup>2</sup>
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	5,9 A
Current load capacity min. Wire (Data)	15 A
Electrical resistance line constant wire	39 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor -	500 V
conductor)	
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)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	90 °C
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	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	0,5 Mio.
Torsion stress	± 180 °/m
Connection type 3	
Family construction form	free cable end
No. of poles	11
Family construction form	free cable end
No. of poles	13
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
PIN 5	PE PE
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