

CAP FOR D-BOX M12 4-WAY 4 POLE

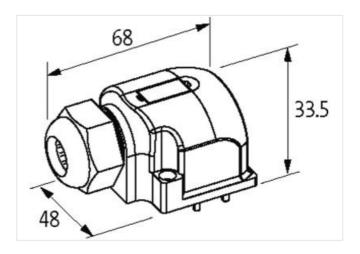
No pot.-sep. 3m PUR/PVC, 4X0.34+3X0.75

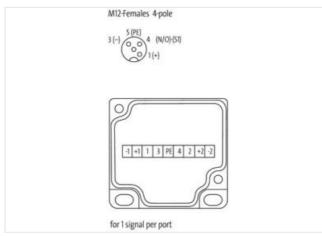
for 4-way distribution box, 4-pole 3.0 m Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

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: 2024-05-06

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Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Traversing distance (C-track)5 mTravel speed (C-track)3Material wire insulation (Power)PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC
Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Traversing distance (C-track)5 mTravel speed (C-track)3Material wire insulation (Power)PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray
Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Traversing distance (C-track)5 mTravel speed (C-track)3Material wire insulation (Power)PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC VC
Material properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Traversing distance (C-track)5 mTravel speed (C-track)3Material wire insulation (Power)PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Traversing distance (C-track)5 mTravel speed (C-track)3Material wire insulation (Power)PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm
Amount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Traversing distance (C-track)5 mTravel speed (C-track)3Material wire insulation (Power)PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 %
Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Traversing distance (C-track)5 mTravel speed (C-track)3Material wire insulation (Power)PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D
Conductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Traversing distance (C-track)5 mTravel speed (C-track)3Material wire insulation (Power)PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D good machinability
Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Traversing distance (C-track)5 mTravel speed (C-track)3Material wire insulation (Power)PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation Outer diameter insulation Material properties wire insulation Ingredient freeness wire insulation	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free
Conductor type (wire)Strand class 5Traversing distance (C-track)5 mTravel speed (C-track)3Material wire insulation (Power)PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Material properties wire insulation Amount strands (wire)	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free 19
Traversing distance (C-track) 5 m Travel speed (C-track) 3 Material wire insulation (Power) PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free 19 0,15 mm
Travel speed (C-track) 3 Material wire insulation (Power) PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Material properties wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free 19 0,15 mm 0,34 mm²
Material wire insulation (Power) PVC	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Material properties wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free 19 0,15 mm 0,34 mm² Stranded copper wire, bare
	wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire)	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free 19 0,15 mm 0,34 mm² Stranded copper wire, bare Stranded copper wire, bare
Outer diameter wire insulation (Power) 1,8 mm	wire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulationAmount wiresOuter diameter tolerance core insulationOuter diameter tolerance core insulationShore hardness wire insulationMaterial properties wire insulationIngredient freeness wire insulationAmount strands (wire)Diameter of single wiresConductor crosssection (wire)Material conductor wireConductor type (wire)Traversing distance (C-track)	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free 19 0,15 mm 0,34 mm² Stranded copper wire, bare Strand class 5 5 m
	wire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulationAmount wiresOuter diameter tolerance core insulationOuter diameter tolerance core insulationShore hardness wire insulationMaterial properties wire insulationIngredient freeness wire insulationIngredient freeness wire insulationAmount strands (wire)Diameter of single wiresConductor crosssection (wire)Material conductor wireConductor type (wire)Traversing distance (C-track)Travel speed (C-track)	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free 19 0,15 mm 0,34 mm ² Stranded copper wire, bare Strand class 5 5 m 3

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: 2024-05-06

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Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands wire (Power)	24
Diameter of single wires (Power)	0,2 mm
Wire conductor cross section (Power)	0,75 mm ²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	Strand class 5
Max. rated voltage (conductor - conductor)	300 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Loop resistance	7,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 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)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 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
Travel speed (C-track)	2 Mio.
Connection type 2	
Family construction form	free cable end
No. of poles	7
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	n.c.
PIN 3	-
PIN 4	NO S 1
PIN 5	PE

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