

NORDEL

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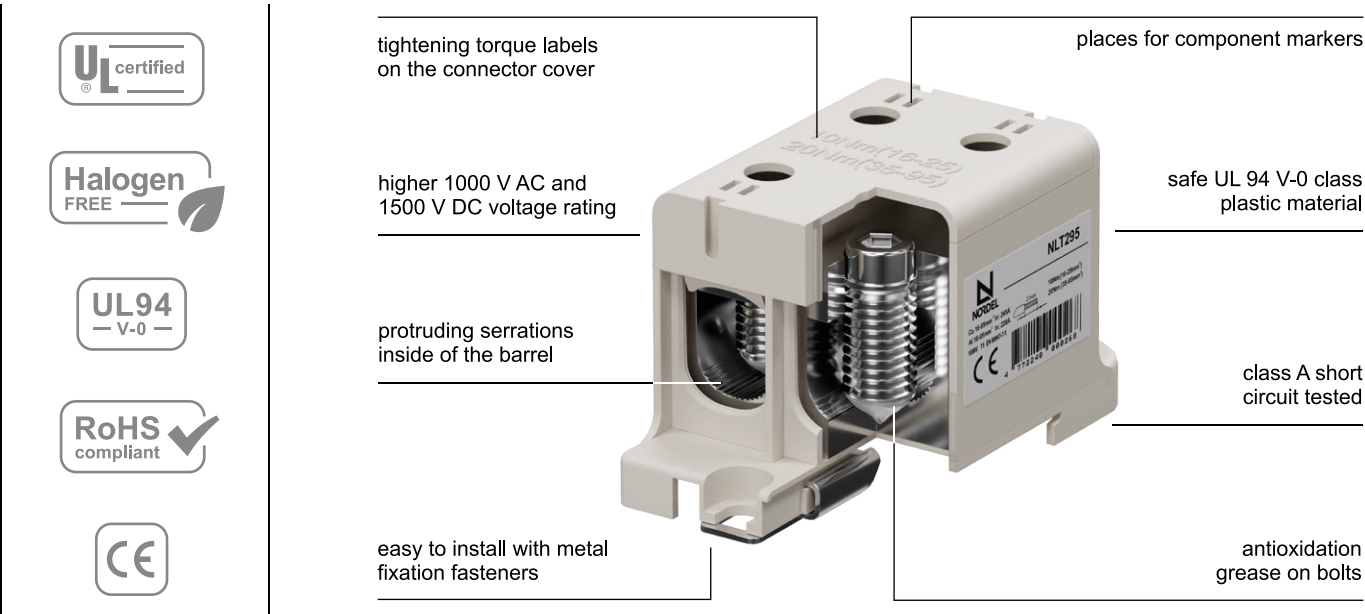
CATALOGUE





NORDEL universal connecting terminals NLT are suitable for use with copper and aluminum conductors with cross- sections from 1.5 mm² up to 240 mm².

IP protection class for NLT terminals is IP20.



Certification:

NORDEL's universal connecting terminals NLT are certified according to:
EN 60947-7-1:2009 and **EN 61238-1:2003 CLASS A**

Material classification according to UL 94 V-0 standard (vertical burning test)

Criteria Conditions	94 V-0	94 V-1	94 V-2
Total flaming combustion for each specimen	≤ 10 sec	≤ 30 sec	≤ 30 sec
Total flaming combustion for all 5 specimens of any set	≤ 50 sec	≤ 250 sec	≤ 250 sec
Flaming and glowing combustion for each specimen after second burner flame application	≤ 30 sec	≤ 60 sec	≤ 60 sec
Cotton ignited by flaming drips from any specimen	No	No	Yes



NLT 1,5-16mm²

Color	Art. No.
 Grey	NLT116
 Blue	NLT116N
 Yellow-green	NLT116PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
1,5 - 16	1000 / 1500	1000	82 (Cu) / 75 (Al)	85 (Cu) / 65 (Al)	13,5 / 39,5 / 43	No. 4	1,5 Nm (1,5 mm ²)	3 Nm (2,5-16 mm ²)	DIN rail	17	20



NLT 2,5-35mm²

Color	Art. No.
 Grey	NLT135
 Blue	NLT135N
 Yellow-green	NLT135PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
2,5 - 35	1000 / 1500	1000	135 (Cu) / 120 (Al)	115 (Cu) / 90 (Al)	16 / 40 / 45	No. 4	3 Nm (2,5-16 mm ²)	6 Nm (25-35 mm ²)	DIN rail	27	10

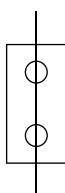


NLT 2,5-50mm²

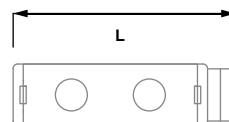
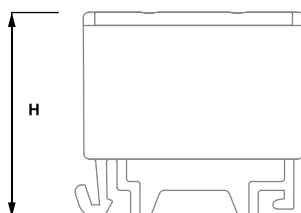
Color	Art. No.
 Grey	NLT150
 Blue	NLT150N
 Yellow-green	NLT150PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
2,5 - 50	1000 / 1500	1000	160 (Cu) / 145 (Al)	150 (Cu) / 120 (Al)	18 / 43 / 50	No. 5	4 Nm (2,5-4 mm ²)	12 Nm (6-50 mm ²)	DIN rail	30	10

WIRING



DIMENSIONS



UNIVERSAL CONNECTING TERMINALS NLT

1 POLE (2 HOLES)

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NLT 6-95mm²

Color	Art. No.
Grey	NLT195
Blue	NLT195N
Yellow-green	NLT195PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
6 - 95	1000 / 1500	1000	245 (Cu) / 220 (Al)	230 (Cu) / 180 (Al)	24 / 49 / 85	No. 5	10 Nm (16-25 mm ²)	20 Nm (35-95 mm ²)	DIN rail, screw	65	8



NLT 35-150mm²

Color	Art. No.
Grey	NLT1150
Blue	NLT1150N
Yellow-green	NLT1150PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
35 - 150	1000 / 1500	1000	320 (Cu) / 290 (Al)	285 (Cu) / 250 (Al)	30 / 60 / 95	No. 8	14 Nm (35-95 mm ²)	30 Nm (120-150 mm ²)	DIN rail, screw	100	5

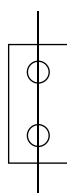


NLT 35-240mm²

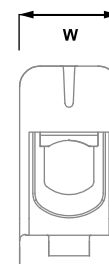
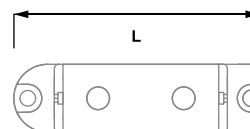
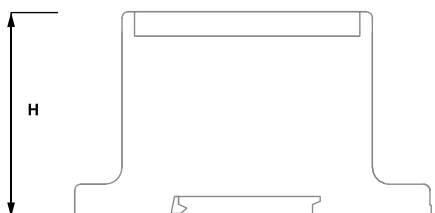
Color	Art. No.
Grey	NLT1240
Blue	NLT1240N
Yellow-green	NLT1240PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
35 - 240	1000 / 1500	1000	425 (Cu) / 380 (Al)	380 (Cu) / 310 (Al)	38 / 67 / 130	No. 8	12 Nm (35-70 mm ²)	45 Nm (95-240 mm ²)	DIN rail, screw	195	2

WIRING



DIMENSIONS





NLT 2,5-35mm²

Color	Art. No.
 Grey	NLT235
 Blue	NLT235N
 Yellow-green	NLT235PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)	Mounting	Weight (g)	Package (pcs)
2,5 - 35	1000 / 1500	1000	135(Cu)/120(Al)	115(Cu)/90(Al)	22 / 40 / 45	No. 4	3 Nm (2,5-16mm ²) 6 Nm (25-35mm ²)	DIN rail	44	6



NLT 2,5-50mm²

Color	Art. No.
 Grey	NLT250
 Blue	NLT250N
 Yellow-green	NLT250PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)	Mounting	Weight (g)	Package (pcs)
2,5 - 50	1000 / 1500	1000	320(Cu)/290(Al)	150(Cu)/120(Al)	30 / 43 / 50	No. 5	4 Nm (2,5-4 mm ²) 12 Nm (6-50 mm ²)	DIN rail	90	6

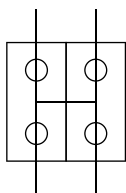


NLT 16-95mm²

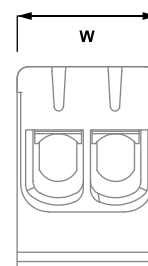
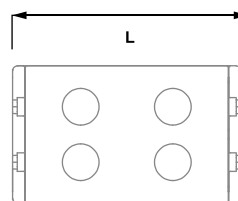
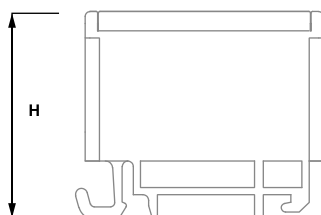
Color	Art. No.
 Grey	NLT295
 Blue	NLT295N
 Yellow-green	NLT295PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)	Mounting	Weight (g)	Package (pcs)
16 - 95	1000 / 1500	1000	245(Cu)/220(Al)	230(Cu)/180(Al)	42 / 49 / 85	No. 5	10 Nm (16-25 mm ²) 20 Nm (35-95 mm ²)	DIN rail, screw	125	3

WIRING



DIMENSIONS



UNIVERSAL CONNECTING TERMINALS NLT

2 POLE (4 HOLES)

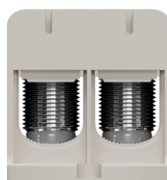
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NLT 35-150mm²

Color	Art. No.
Grey	NLT2150
Blue	NLT2150N
Yellow-green	NLT2150PE

Conductor cross-section Cu, Al (mm²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
35 - 150	1000 / 1500	1000	320 (Cu) / 290 (Al)	285 (Cu) / 250 (Al)	52 / 59 / 95	No. 8	14 Nm (35-95mm²)	30 Nm (120-150mm²)	DIN rail, screw	170	2

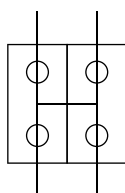


NLT 35-240mm²

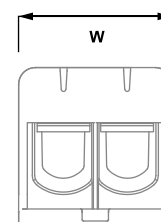
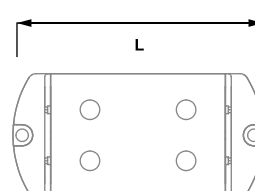
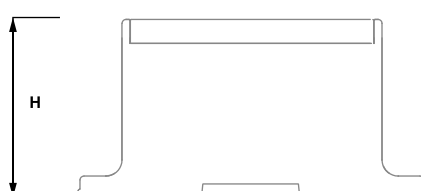
Color	Art. No.
Grey	NLT2240
Blue	NLT2240N
Yellow-green	NLT2240PE

Conductor cross-section Cu, Al (mm²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
35 - 240	1000 / 1500	1000	425 (Cu) / 380 (Al)	380 (Cu) / 310 (Al)	65 / 67 / 125	No. 8	12 Nm (35-70 mm²)	45 Nm (95-240 mm²)	DIN rail, screw	340	1

WIRING



DIMENSIONS





NLT 2,5-50mm²

Currents achievable by connecting multiple input cables.

Color	Art. No.
 Grey	NLT350
 Blue	NLT350N
 Yellow-green	NLT350PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)	Mounting	Weight (g)	Package (pcs)
2,5 - 50	1000 / 1500	1000	320(Cu)/290(Al)	150(Cu)/120(Al)	49 / 41 / 49	No. 5	4 Nm (2,5-4 mm ²) 12 Nm (6-50 mm ²)	DIN rail, screw	109	5

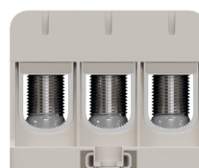


NLT 16-95mm²

Currents achievable by connecting multiple input cables.

Color	Art. No.
 Grey	NLT395
 Blue	NLT395N
 Yellow-green	NLT395PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)	Mounting	Weight (g)	Package (pcs)
16 - 95	1000 / 1500	1000	490(Cu)/440(Al)	230(Cu)/180(Al)	60 / 49 / 85	No. 5	10 Nm (16-50 mm ²) 20 Nm (35-95 mm ²)	DIN rail, screw	178	3



NLT 35-150mm²

Currents achievable by connecting multiple input cables.

Color	Art. No.
 Grey	NLT3150
 Blue	NLT3150N
 Yellow-green	NLT3150PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)	Mounting	Weight (g)	Package (pcs)
35 - 150	1000 / 1500	1000	630(Cu)/500(Al)	285(Cu)/250(Al)	74 / 59 / 94	No. 8	14 Nm (35-95 mm ²) 30 Nm (120-150 mm ²)	DIN rail, screw	246	2



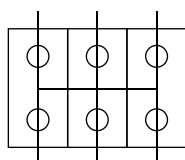
NLT 35-240mm²

Currents achievable by connecting multiple input cables.

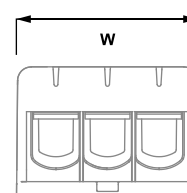
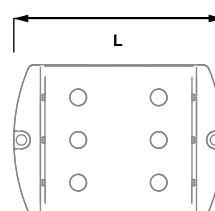
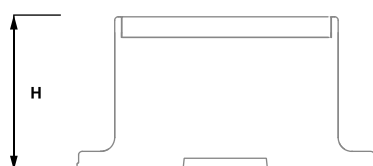
Color	Art. No.
 Grey	NLT3240
 Blue	NLT3240N
 Yellow-green	NLT3240PE

Conductor cross-section Cu, Al (mm ²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)	Mounting	Weight (g)	Package (pcs)
35 - 240	1000 / 1500	1000	630(Cu)/630(Al)	—	93 / 63 / 125	No. 8	12 Nm (35-70 mm ²) 45 Nm (95-240 mm ²)	DIN rail, screw	730	1

WIRING



DIMENSIONS



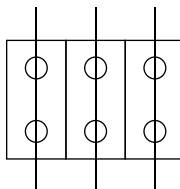
UNIVERSAL CONNECTING TERMINALS NLT

3 POLE (6 HOLES) / 5 POLE (10 HOLES)

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NLT 3x 2,5-50mm²

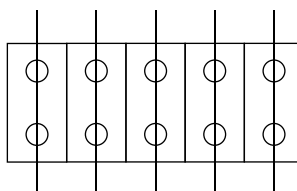


Color	Art. No.
Grey	NLT3x50
Blue	NLT3x50N
Yellow-green	NLT3x50PE

Conductor cross-section Cu, Al (mm²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
2,5 - 50	1000 / 1500	1000	320(Cu)/290(Al)	150(Cu)/120(Al)	49 / 43 / 49	No. 5	4 Nm (2,5-4 mm²)	12 Nm (6-50 mm²)	DIN rail	80	5



NLT 5x 2,5-35mm²

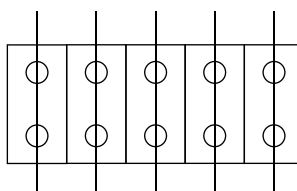


Color	Art. No.
G B Y-G	NLT535

Conductor cross-section Cu, Al (mm²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
2,5 - 35	1000 / 1500	1000	320(Cu)/290(Al)	150(Cu)/120(Al)	30 / 43 / 50	No. 5	4 Nm (2,5-4 mm²)	12 Nm (6-50 mm²)	DIN rail	90	6



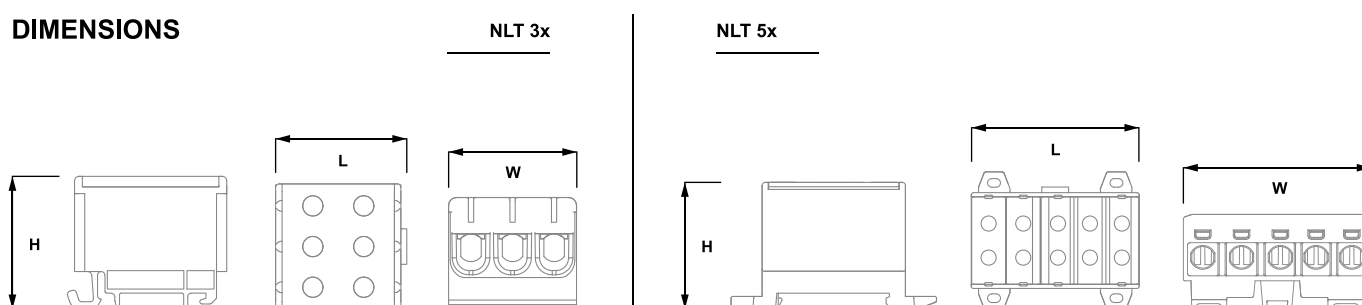
NLT 5x 2,5-50mm²



Color	Art. No.
G B Y-G	NLT550

Conductor cross-section Cu, Al (mm²)	Nominal voltage IEC AC / DC (V)	Nominal voltage UL AC / DC (V)	Nominal current IEC (A)	Nominal current UL (A)	W / H / L (mm)	Screw, hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
2,5 - 50	1000 / 1500	1000	320(Cu)/290(Al)	150(Cu)/120(Al)	79 / 40 / 65	No. 5	4 Nm (2,5-4 mm²)	12 Nm (6-50 mm²)	DIN rail, screw	120	4

DIMENSIONS

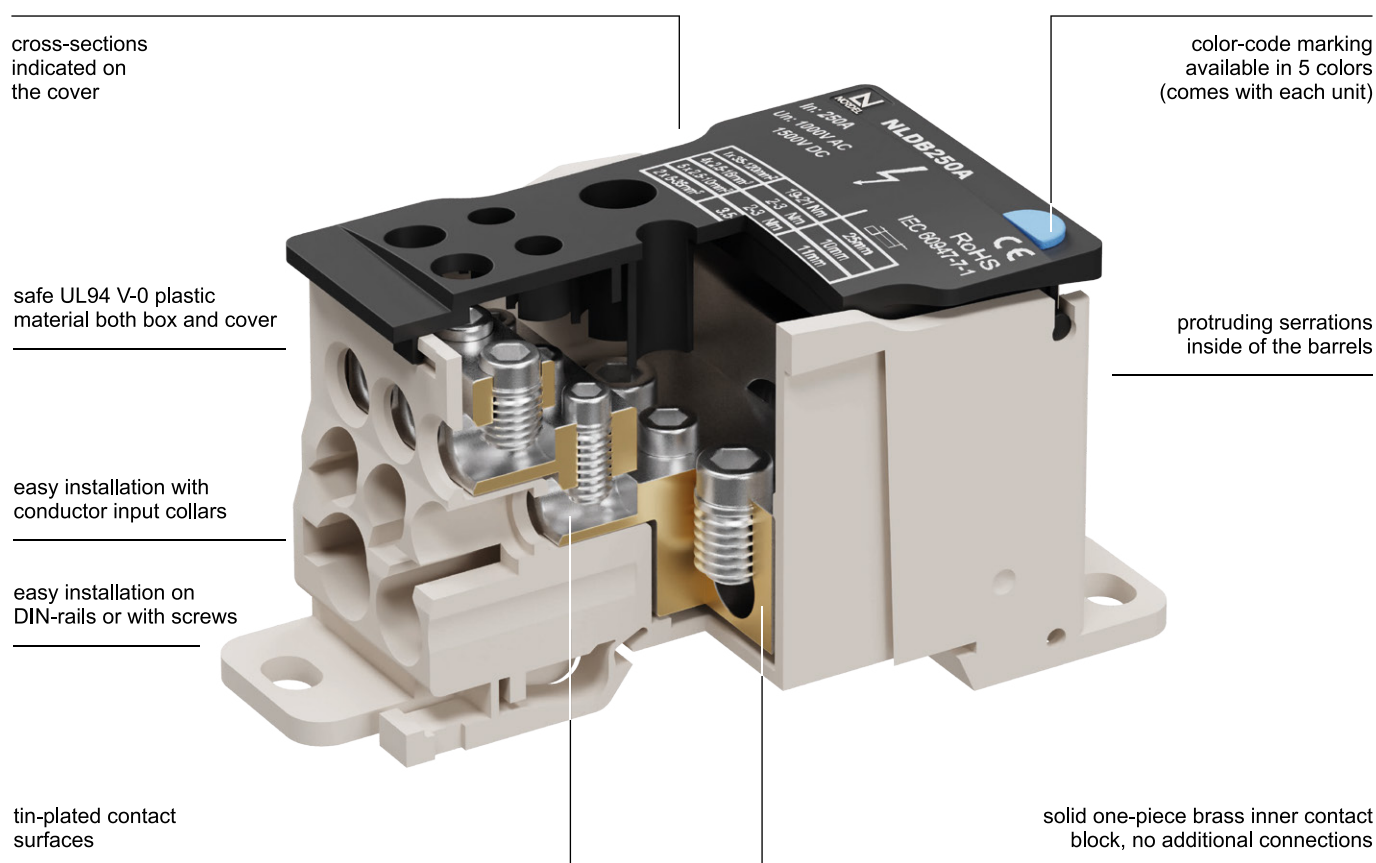


NORDEL distribution blocks NLDB designed to be mounted on DIN rails or solid surfaces and distribute larger to smaller cross-section conductors from 1,5 mm² to 185 mm².

They offer a maximum operating temperature of 90 °C, and provide IP20 protection.

Certified according to standards:
EN 61238-1 and EN 60947-7-1 **CLASS A**

1000V AC / 1500V DC
Bimetal (Al/Cu)



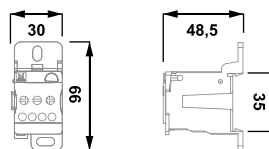
DISTRIBUTION BLOCKS NLDB

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NLDB85A

DIMENSIONS



Color indicators included

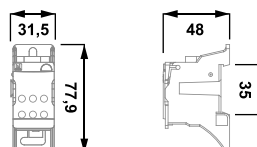
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	Blue		Brown
	Green		

Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Input wire Al/Cu (mm ²)	Output wire Al/Cu (mm ²)	Screw / hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
1000	85 (Cu) / 75 (Al)	30 / 47 / 66	3x 1,5 - 16	4x 1,5 - 6 3x 1,5 - 16	No. 2 / 3	2 Nm (1,5-6 mm ²)	3 Nm (10-16 mm ²)	DIN rail, screw	77	10



NLDB125A

DIMENSIONS



Color indicators included

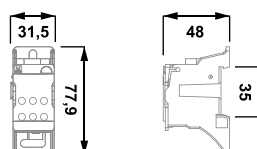
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	Blue		Brown
	Green		

Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Input wire Al/Cu (mm ²)	Output wire Al/Cu (mm ²)	Screw / hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
1000	125 (Cu) / 115 (Al)	32 / 49 / 79	1x 2,5 - 10 / 1x 10 - 35	6x 2,5 - 16	No. 3 / 4	3 Nm (2,5-16 mm ²)	8 Nm (16-35 mm ²)	DIN rail, screw	75	10



NLDB160A

DIMENSIONS



Color indicators included

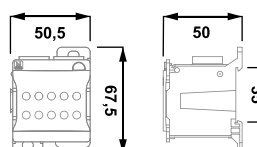
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	Green		

Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Input wire Al/Cu (mm ²)	Output wire Al/Cu (mm ²)	Screw / hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
1000	160 (Cu) / 150 (Al)	32 / 49 / 79	1x 2,5 - 10 / 1x 10 - 70	6x 2,5 - 16	No. 3 / 5	3 Nm (2,5-16 mm ²)	8 Nm (25-70 mm ²)	DIN rail, screw	84	10



NLDB200A

DIMENSIONS



Color indicators included

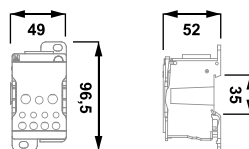
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	Blue		Brown
	Green		

Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Input wire Al/Cu (mm ²)	Output wire Al/Cu (mm ²)	Screw / hexagonal key	Tightening torque (Nm)		Mounting	Weight (g)	Package (pcs)
1000	200 (Cu) / 185 (Al)	51 / 51 / 68	2x 10 - 95	10x 2,5 - 16	No. 3 / 4 / 6	3 Nm (2,5-16 mm ²)	8 Nm (25-95 mm ²)	DIN rail, screw	178	10



NLDB250A

DIMENSIONS



Color indicators included

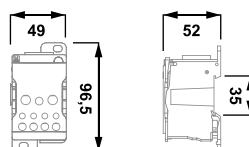
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	Blue		Brown
	Green		

Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Input wire Al/Cu (mm ²)	Output wire Al/Cu (mm ²)	Screw / hexagonal key	Tightening torque (Nm)			Mounting	Weight (g)	Package (pcs)
1000	250 (Cu) / 235 (Al)	48 / 52 / 97	1x 35 - 120	2x 6 - 35 / 4x 2,5 - 10 / 5x 2,5 - 16	No. 3 / 4 / 5	3 Nm (2,5 - 16 mm ²)	5 Nm (25-35 mm ²)	10 Nm (busbar 10x24x1)	DIN rail, screw	250	10



NLDB400A

DIMENSIONS



Color indicators included

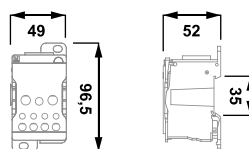
	Black		Red
	Blue		Brown
	Green		

Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Input wire Al/Cu (mm ²)	Output wire Al/Cu (mm ²)	Screw / hexagonal key	Tightening torque (Nm)				Mounting	Weight (g)	Package (pcs)
1000	400 (Cu) / 380 (Al)	48 / 52 / 97	1 x 95 - 185	2x 6 - 35 / 5x 2,5 - 16 / 4x 2,5 - 10	No. 3 / 4 / 5 / 10	3 Nm (2,5-16mm ²)	5 Nm (25-35mm ²)	21 Nm (50-70mm ²)	25Nm (95-185mm ²)	DIN rail, screw	265	10



NLDB500A

DIMENSIONS



Color indicators included

	Black		Red
	Blue		Brown
	Green		

Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Input wire Al/Cu (mm ²)	Output wire Al/Cu (mm ²)	Screw / hexagonal key	Tightening torque (Nm)			Mounting	Weight (g)	Package (pcs)
1000	500 (Cu) / 475 (Al)	48 / 52 / 97	1x busbar max 10 x 24 x 1	2x 6 - 35 / 5x 2,5 - 16 / 4x 2,5 - 10	No. 3 / 4 / 5	3 Nm (2,5 - 16 mm ²)	5 Nm (25-35 mm ²)	10 Nm (busbar 10x24x1)	DIN rail, screw	250	10

NLBC BRANCHING CONNECTORS

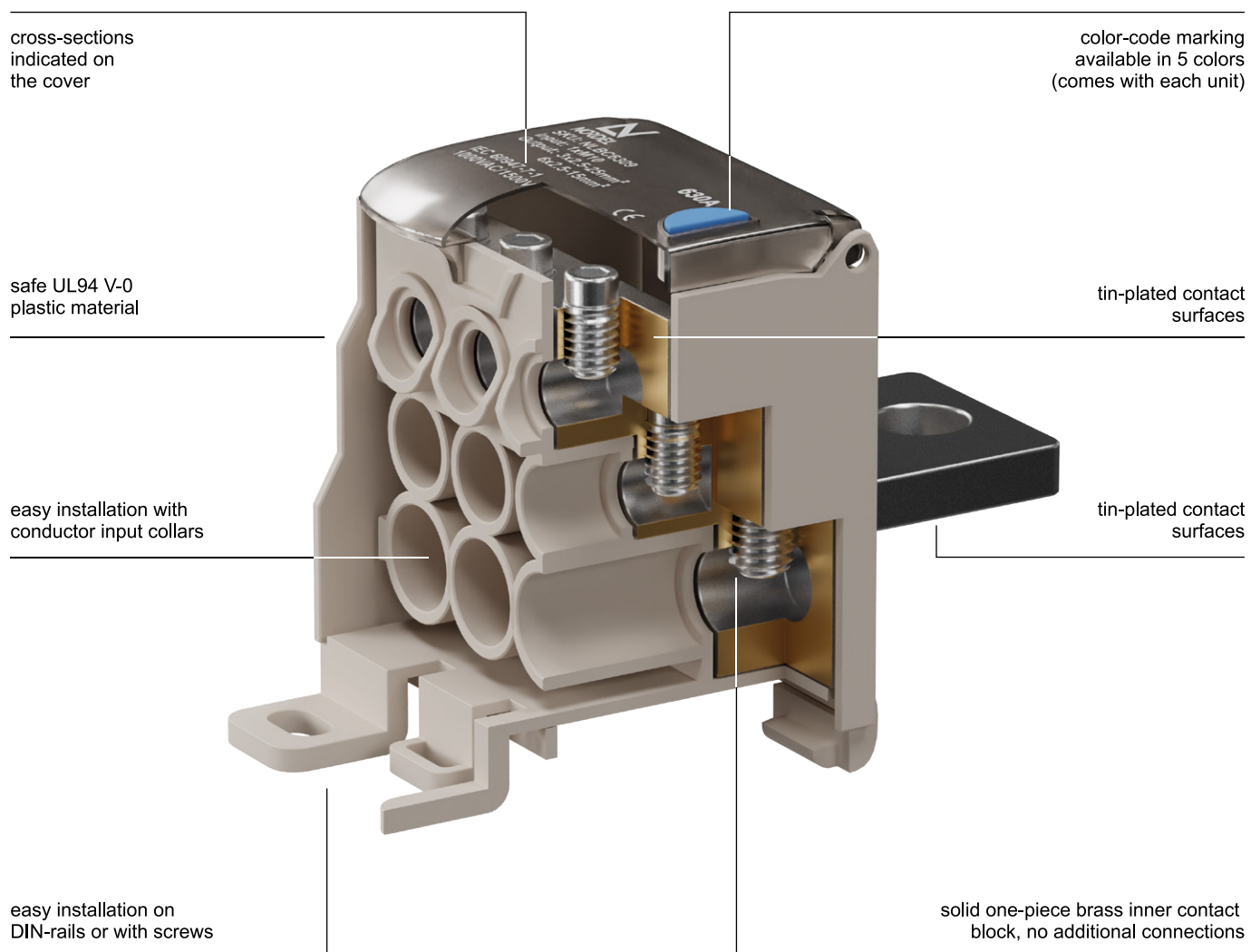
UP TO 630 A

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Certified according to standards:
EN 61238-1 and EN 60947-7-1

1000V AC / 1500V DC
Bimetal (Al/Cu)





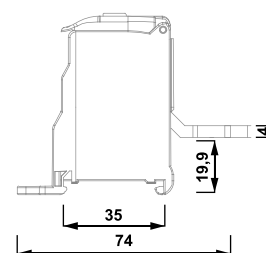
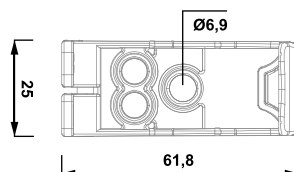
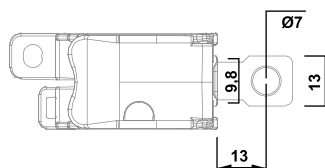
NLBC1253



Color marker kit included						Art. No.				
	Green		Blue		Brown		Black		White	NLBC1253

Input	Output	Rated current	Rated voltage	
1 x M6	3 x 2,5 - 16 mm ²	125A	1500V DC	1000V AC

DIMENSIONS (mm)



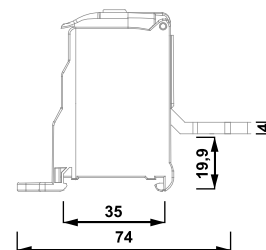
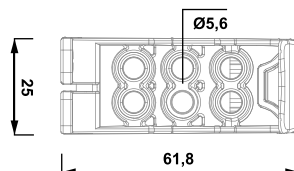
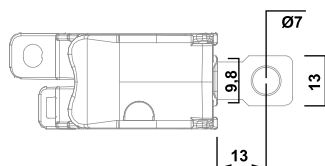
NLBC1256



Color marker kit included					Art. No.					
	Green		Blue		Brown		Black		White	NLBC1256

Input	Output	Rated current	Rated voltage	
1 x M6	6 x 2,5 - 10 mm ²	125A	1500V DC	1000V AC

DIMENSIONS (mm)



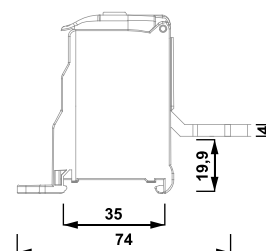
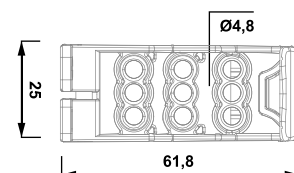
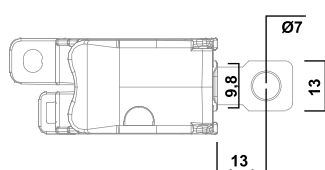
NLBC1259



Color marker kit included						Art. No.				
	Green		Blue		Brown		Black		White	NLBC1259

Input	Output	Rated current	Rated voltage	
1 x M6	9 x 2,5 - 6 mm ²	125A	1500V DC	1000V AC

DIMENSIONS (mm)



NLBC BRANCHING CONNECTORS

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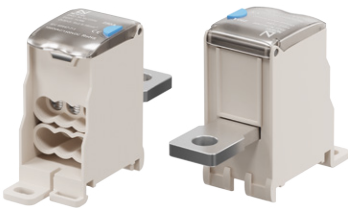
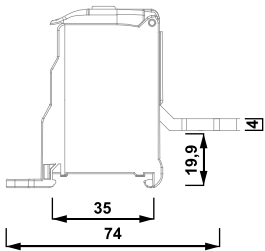
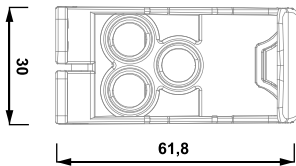
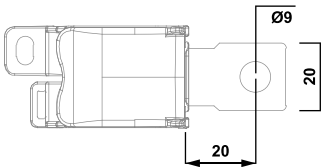
NLBC2503



Color marker kit included					Art. No.					
	Green		Blue		Brown		Black		White	NLBC2503

Input	Output	Rated current	Rated voltage	
1 x M8	3 x 2,5 - 25 mm ²	250A	1500V DC	1000V AC

DIMENSIONS (mm)



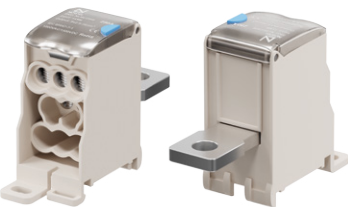
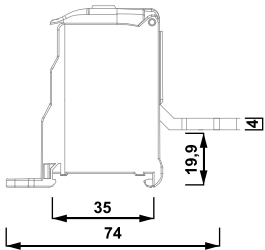
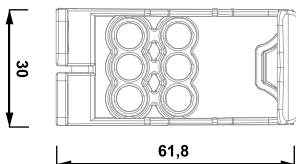
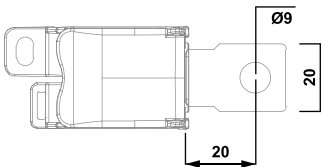
NLBC2506



Color marker kit included					Art. No.					
	Green		Blue		Brown		Black		White	NLBC2506

Input	Output	Rated current	Rated voltage	
1 x M8	6 x 2,5 - 16 mm ²	250A	1500V DC	1000V AC

DIMENSIONS (mm)



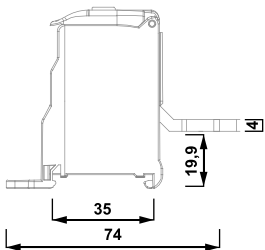
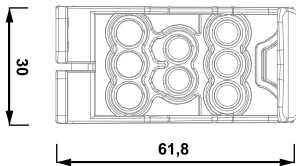
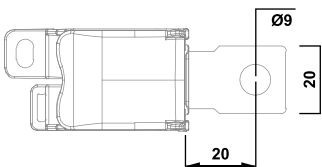
NLBC2508



Color marker kit included						Art. No.				
	Green		Blue		Brown		Black		White	NLBC2508

Input	Output	Rated current	Rated voltage	
1 x M8	8 x 2,5 - 16 mm ²	250A	1500V DC	1000V AC

DIMENSIONS (mm)





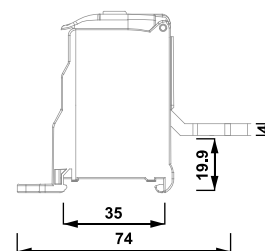
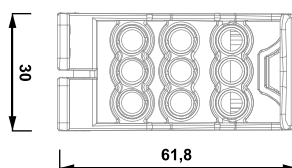
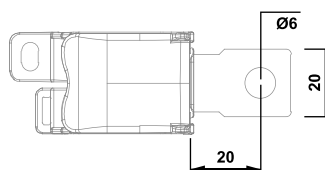
NLBC2509



Color marker kit included					Art. No.					
	Green		Blue		Brown		Black		White	NLBC2509

Input	Output	Rated current	Rated voltage	
1 x M8	9 x 2,5 - 10 mm ²	250A	1500V DC	1000V AC

DIMENSIONS
(mm)



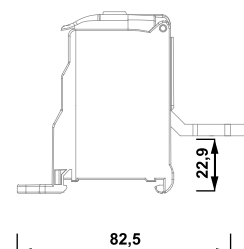
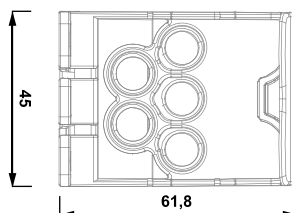
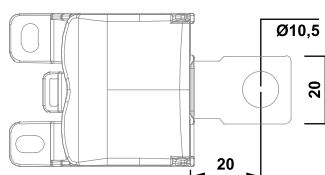
NLBC4005



Color marker kit included					Art. No.					
	Green		Blue		Brown		Black		White	NLBC4005

Input	Output	Rated current	Rated voltage	
1 x M10	5 x 2,5 - 25 mm ²	400A	1500V DC	1000V AC

DIMENSIONS
(mm)



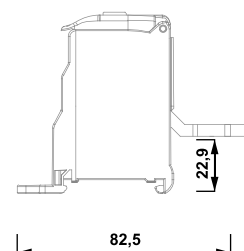
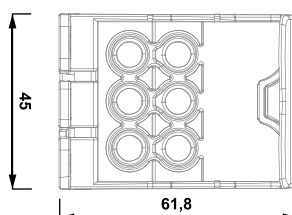
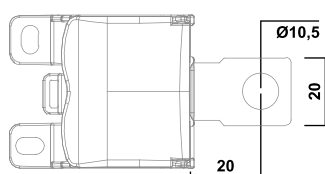
NLBC4006



Color marker kit included						Art. No.				
	Green		Blue		Brown		Black		White	NLBC4006

Input	Output	Rated current	Rated voltage	
1 x M10	6 x 2,5 - 16 mm ²	400A	1500V DC	1000V AC

DIMENSIONS
(mm)



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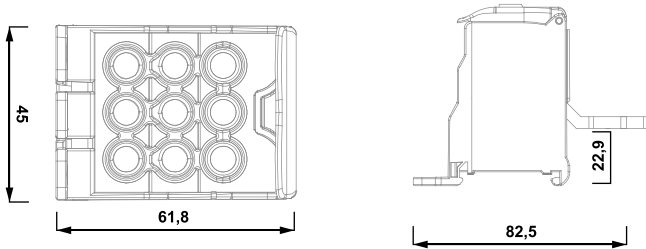
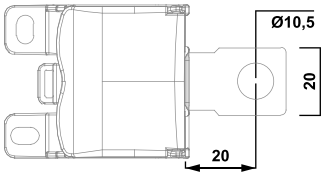
NLBC4009



Color marker kit included					Art. No.
 Green	 Blue	 Brown	 Black	 White	NLBC4009

Input	Output	Rated current	Rated voltage	
1 x M10	9 x 2,5 - 16 mm ²	400A	1500V DC	1000V AC

DIMENSIONS
(mm)



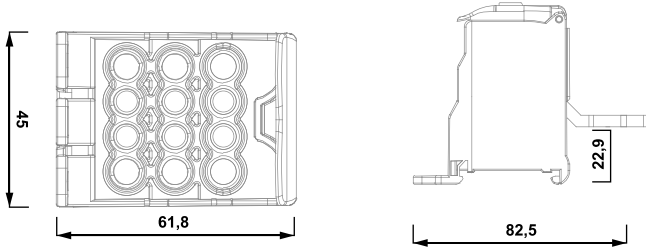
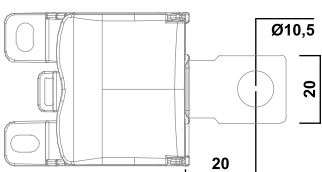
NLBC40012



Color marker kit included					Art. No.
 Green	 Blue	 Brown	 Black	 White	NLBC40012

Input	Output	Rated current	Rated voltage	
1 x M10	6 x 16 + 6 x 10 mm ²	400A	1500V DC	1000V AC

DIMENSIONS
(mm)



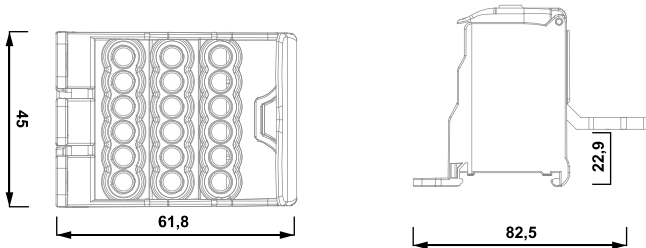
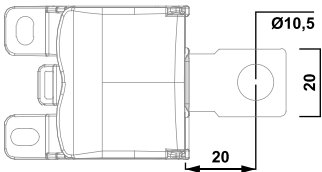
NLBC40018



Color marker kit included					Art. No.
 Green	 Blue	 Brown	 Black	 White	NLBC40018

Input	Output	Rated current	Rated voltage	
1 x M10	18 x 2,5 - 6 mm ²	400A	1500V DC	1000V AC

DIMENSIONS
(mm)





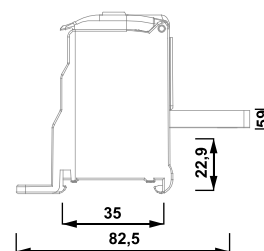
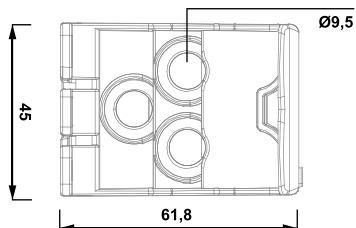
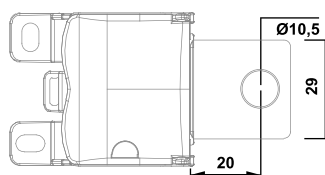
NLBC6303



Color marker kit included					Art. No.					
	Green		Blue		Brown		Black		White	NLBC6303

Input	Output	Rated current	Rated voltage	
1 x M10	3 x 2,5 - 50 mm ²	630A	1500V DC	1000V AC

DIMENSIONS
(mm)



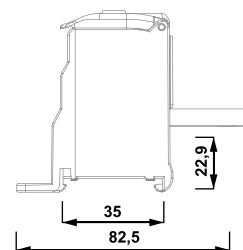
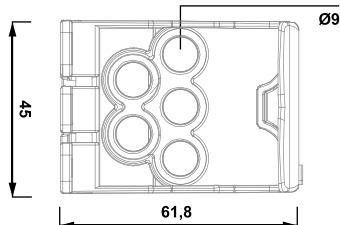
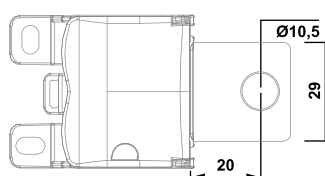
NLBC6305



Color marker kit included					Art. No.					
	Green		Blue		Brown		Black		White	NLBC6305

Input	Output	Rated current	Rated voltage	
1 x M10	5 x 2,5 - 35 mm ²	630A	1500V DC	1000V AC

DIMENSIONS
(mm)



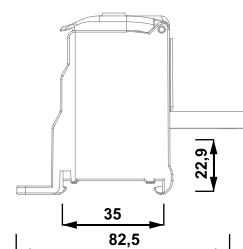
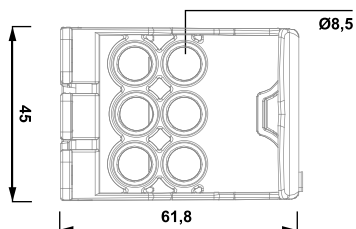
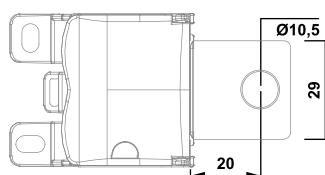
NLBC6306



Color marker kit included						Art. No.				
	Green		Blue		Brown		Black		White	NLBC6306

Input	Output	Rated current	Rated voltage	
1 x M10	6 x 2,5 - 25 mm ²	630A	1500V DC	1000V AC

DIMENSIONS
(mm)



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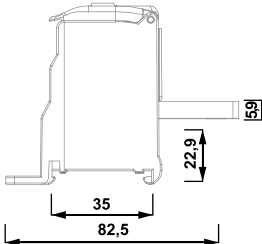
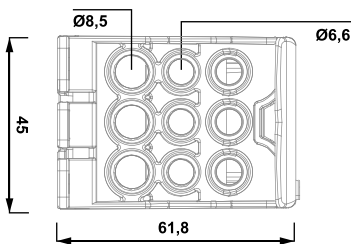
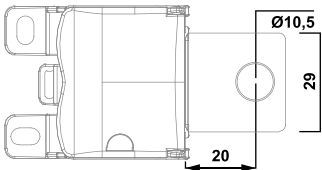
NLBC6309



Color marker kit included					Art. No.					
	Green		Blue		Brown		Black		White	NLBC6309

Input	Output	Rated current	Rated voltage	
1 x M10	3 x 25 + 6 x 16 mm ²	630A	1500V DC	1000V AC

DIMENSIONS
(mm)



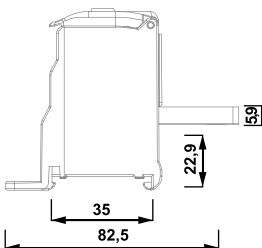
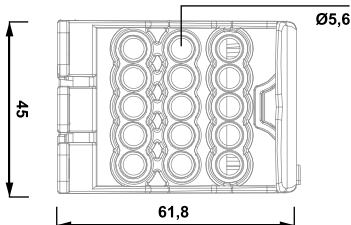
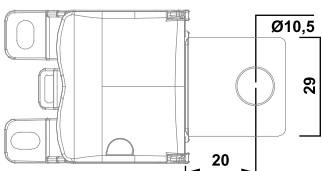
NLBC63015



Color marker kit included					Art. No.					
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Input	Output	Rated current	Rated voltage	
1 x M10	15 x 2,5 - 10 mm ²	630A	1500V DC	1000V AC

DIMENSIONS
(mm)



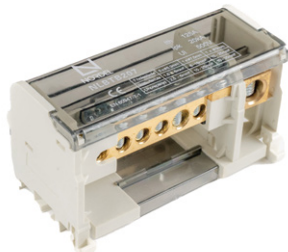
NORDblock's are available in two-pole (up to 35 mm² and 125A) and four-pole (up to 50 mm² and 160A) versions.



DISTRIBUTION BLOCKS NORDBLOCK

TWO-POLE DISTRIBUTION BLOCKS NORDBLOCK

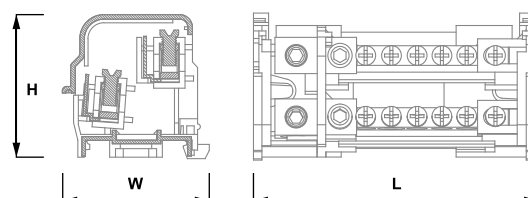
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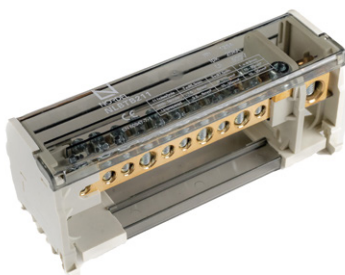
**NORDBlock 2P
125A-7**

Art. No. **NLBTB207**

DIMENSIONS



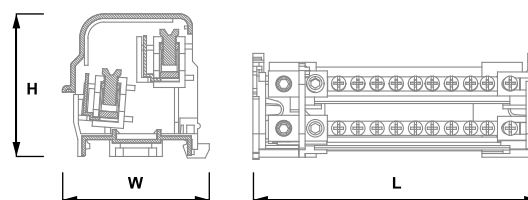
Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Rated surge voltage (kV)	Input wire Cu (mm ²)	Output wire Cu (mm ²)	Short-circuit current peak I _{pk} (kA)	Short-time withstand current (kA/1s)	Tightening torque nominal / max. (Nm)	Mounting	Weight (g)	Package (pcs)
500	125	49/51/95	8	1 x 10-35	5 x 1,5-6 / 1 x 6-25	20	6	2 / 2,5 (input wire 9 Nm)	DIN rail, screw	182	1



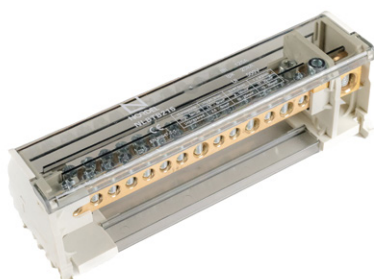
**NORDBlock 2P
125A-11**

Art. No. **NLBTB211**

DIMENSIONS



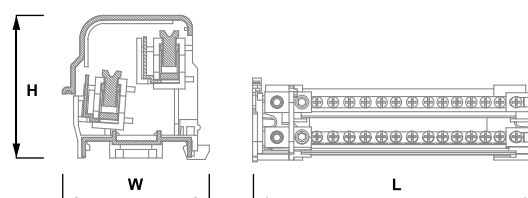
Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Rated surge voltage (kV)	Input wire Cu (mm ²)	Output wire Cu (mm ²)	Short-circuit current peak I _{pk} (kA)	Short-time withstand current (kA/1s)	Tightening torque nominal / max. (Nm)	Mounting	Weight (g)	Package (pcs)
500	125	49/51/132	8	1 x 10-35	7 x 1,5-6 / 3 x 6-25	20	6	2 / 2,5 (input wire 9 Nm)	DIN rail, screw	245	1



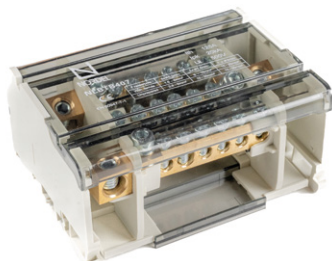
**NORDBlock 2P
125A-15**

Art. No. **NLBTB215**

DIMENSIONS



Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Rated surge voltage (kV)	Input wire Cu (mm ²)	Output wire Cu (mm ²)	Short-circuit current peak I _{pk} (kA)	Short-time withstand current (kA/1s)	Tightening torque nominal / max. (Nm)	Mounting	Weight (g)	Package (pcs)
500	125	49/51/167	8	1 x 10-35	11 x 1,5-6 / 3 x 6-25	20	6	2 / 2,5 (input wire 9 Nm)	DIN rail, screw	302	1

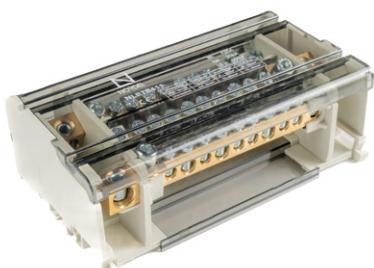
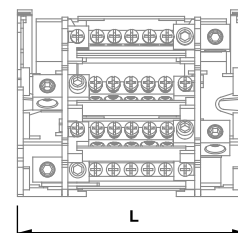
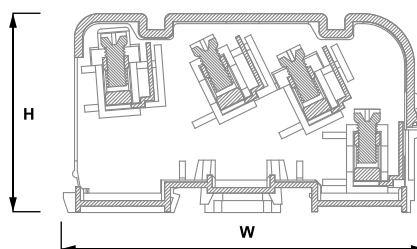


**NORDBlock 4P
100A-7**

Art. No. **NLBTB407**

Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Rated surge voltage (kV)	Input wire Cu (mm ²)	Output wire Cu (mm ²)	Short-circuit current peak I _{pk} (kA)	Short-time withstand current (kA/1s)	Tightening torque nominal / max. (Nm)	Mounting	Weight (g)	Package (pcs)
500	125	89/50/109	8	1 x 10-35	5 x 1,5-6 / 1 x 6-25	20	6	2 / 2,5 (input wire 9 Nm)	DIN rail, screw	374	1

DIMENSIONS

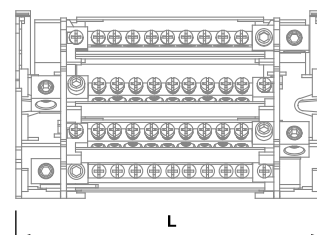
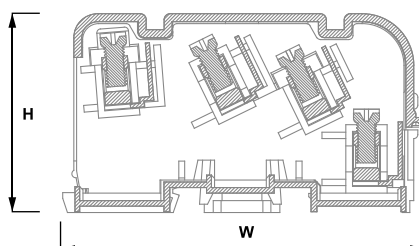


**NORDBlock 4P
125A-11**

Art. No. **NLBTB411**

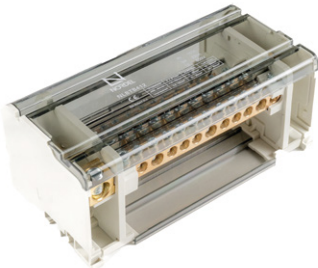
Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Rated surge voltage (kV)	Input wire Cu (mm ²)	Output wire Cu (mm ²)	Short-circuit current peak I _{pk} (kA)	Short-time withstand current (kA/1s)	Tightening torque nominal / max. (Nm)	Mounting	Weight (g)	Package (pcs)
500	125	89/50/147	8	1 x 10-35	7 x 1,5-6 / 3 x 6-25	20	6	2 / 2,5 (input wire 9 Nm)	DIN rail, screw	488	1

DIMENSIONS



DISTRIBUTION BLOCKS NORDBLOCK
FOUR-POLE DISTRIBUTION BLOCKS

www.nordel.eu

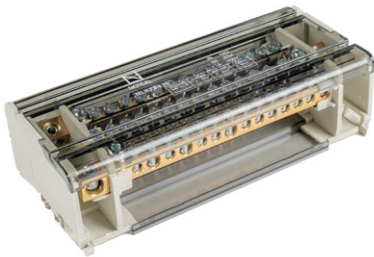
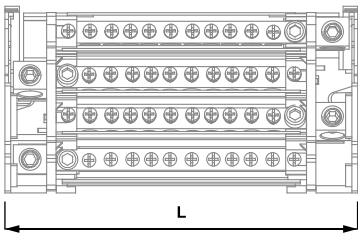
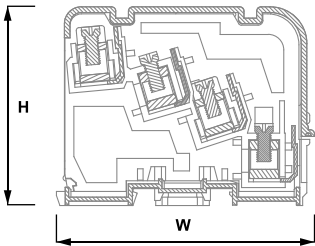


NORDBlock 4P
125A-15

Art. No. NLBTB412

Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Rated surge voltage (kV)	Input wire Cu (mm ²)	Output wire Cu (mm ²)	Short-circuit current peak I _{pk} (kA)	Short-time withstand current (kA/1s)	Tightening torque nominal / max. (Nm)	Mounting	Weight (g)	Package (pcs)
500	125	89/70/170	8	1 x 10-50	8 x 1,5-16 / 3 x 10-25	22	6	2 / 2,5 (input wire 12 Nm)	DIN rail, screw	804	1

DIMENSIONS

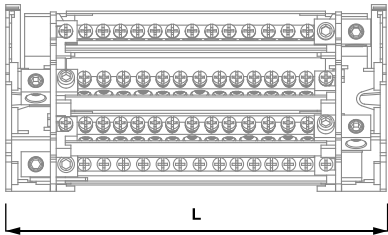
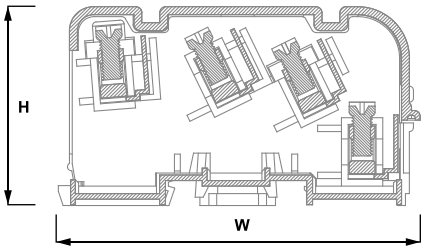


NORDBlock 4P
160A-9

Art. No. NLBTB415

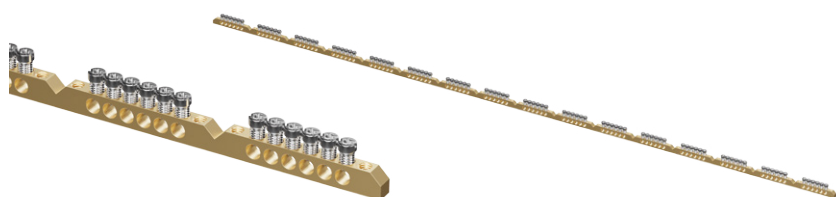
Nominal voltage AC / DC (V)	Nominal current (A)	W / H / L (mm)	Rated surge voltage (kV)	Input wire Cu (mm ²)	Output wire Cu (mm ²)	Short-circuit current peak I _{pk} (kA)	Short-time withstand current (kA/1s)	Tightening torque nominal / max. (Nm)	Mounting	Weight (g)	Package (pcs)
500	160	89/50/184	8	1 x 10-35	11 x 1,5-6 / 3 x 10-25	20	6	2 / 2,5 (input wire 9 Nm)	DIN rail, screw	604	1

DIMENSIONS



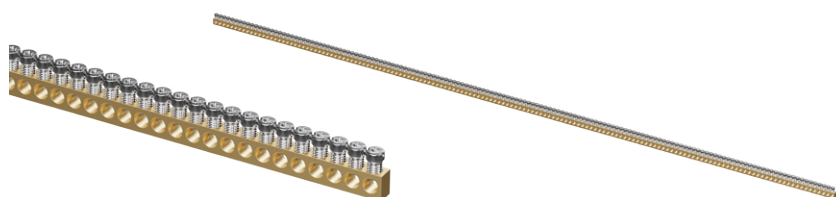
Brass busbars NLBR can be cut to required length to achieve flexibility of connections in projects and mounted using special holders NBH.

Made with solid brass conductive parts and Zn galvanized steel screws for secure connection, these terminals are available in cross-sections from 16 mm² up to 35 mm² for versatile applications.



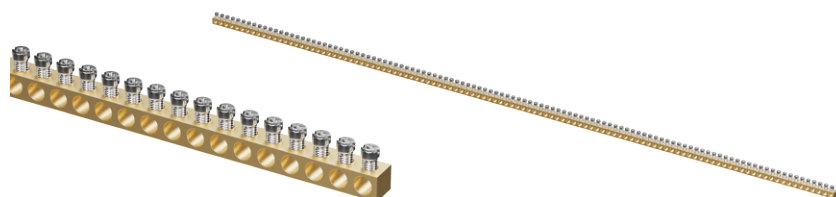
Brass busbar
NLBR96S

Number of connections	Conductor cross section Cu (mm ²)	Nominal current (A)	Dimensions W / H / L (mm)	Compatible with	Weight (g)	Package (pcs)
96	1,5-16	63	6,5 / 9 / 1000	NBH25	436	10



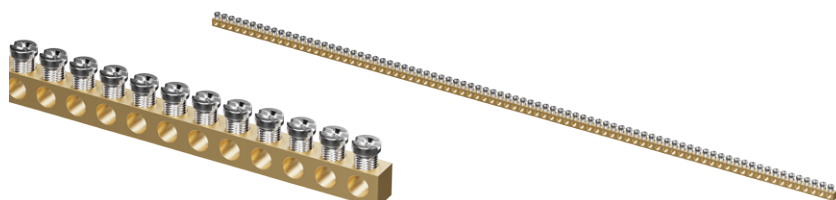
Brass busbar
NLBR100016

Number of connections	Conductor cross section Cu (mm ²)	Nominal current (A)	Dimensions W / H / L (mm)	Compatible with	Weight (g)	Package (pcs)
153	1,5-16	63	6,5 / 9 / 1000	NBH25	553	10



Brass busbar
NLBR100025

Number of connections	Conductor cross section Cu (mm ²)	Nominal current (A)	Dimensions W / H / L (mm)	Compatible with	Weight (g)	Package (pcs)
111	1,5-25	100	10 / 10 / 1000	NBH25	625	8



Brass busbar
NLBR100035

Number of connections	Conductor cross section Cu (mm ²)	Nominal current (A)	Dimensions W / H / L (mm)	Compatible with	Weight (g)	Package (pcs)
83	1,5-35	160	10 / 15 / 1000	NBH35	1088	5

Busbar holders NBH25 and NBH35 with DIN rail and/or screw mounting design offer possibility in creating a wide range of bus bar dimensions.

The holders are made of black non-flammable UL 94 V-0 polyamide.



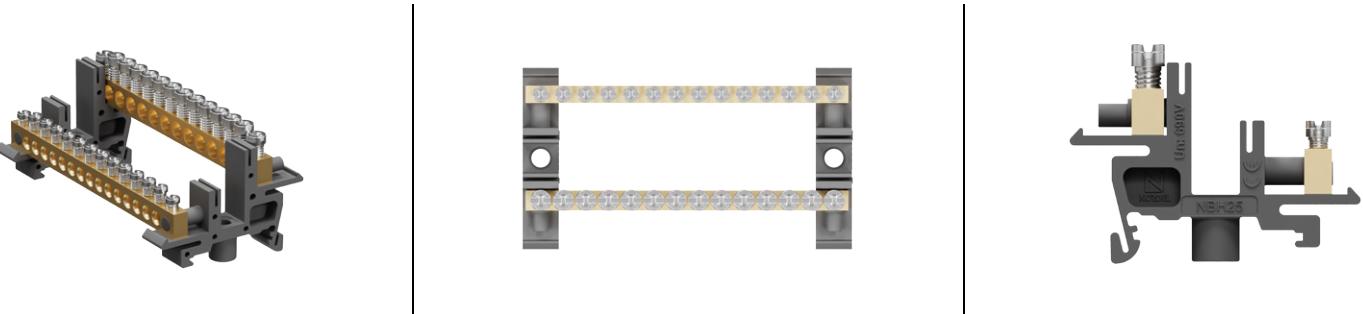
Busbar holder
NBH25

Material	Color	Dimensions W / H / L (mm)	Compatible with terminal	Weight (g)	Package (pcs)
Polyamide UL 94 V-0	 Grey	60 / 41 / 12,5	NLBR100025, NLBR100016, NLBR96S	8	50



Busbar holder
NBH35

Material	Color	Dimensions W / H / L (mm)	Compatible with terminal	Weight (g)	Package (pcs)
Polyamide UL 94 V-0	 Grey	60 / 41 / 15	NLBR100035	10	50



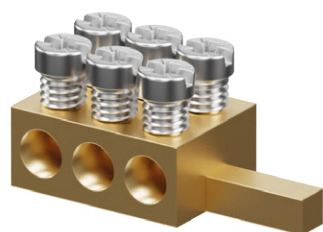
NLP terminals: solution for adding connection points by saving space. IP20 insulated and uninsulated terminals for conductors from 1,5 up to 25 mm².

Brass conductive part, steel connecting bolts with Zn galvanization.



NLP1

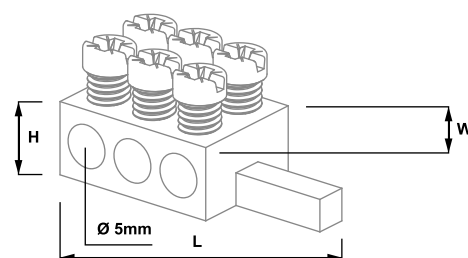
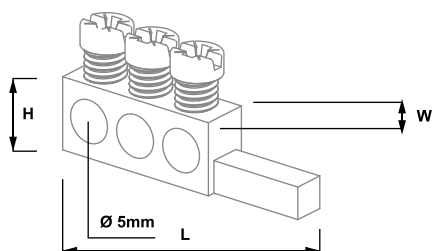
Conductor cross-section Cu (mm ²)	Nominal voltage (V)	Nominal current (A)	The number of connection points	W / H / L (mm)	Insulation IP20	Tightening torque (Nm)	Weight (g)	Package (pcs)
1,5 - 16	690	63	3 x 1,5-16 mm ²	6 / 9 / 33	No	2,5 Nm	10	200

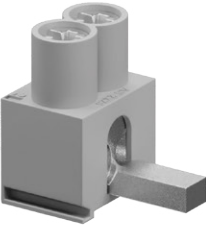


NLP2

Conductor cross-section Cu (mm ²)	Nominal voltage (V)	Nominal current (A)	The number of connection points	W / H / L (mm)	Insulation IP20	Tightening torque (Nm)	Weight (g)	Package (pcs)
1,5 - 16	690	63	6 x 1,5-16 mm ²	15 / 8 / 33	No	2,5 Nm	18	100

DIMENSIONS





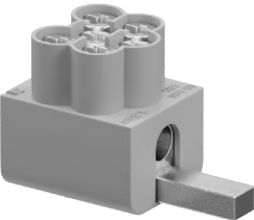
NLP3

Conductor cross-section Cu (mm ²)	Nominal voltage (V)	Nominal current (A)	The number of connection points	W / H / L (mm)	Insulation IP20	Tightening torque (Nm)	Weight (g)	Package (pcs)
1,5 - 25	690	63	2 x 1,5-25	18 / 25 / 25	Yes	2,5 Nm	16	100



NLP4

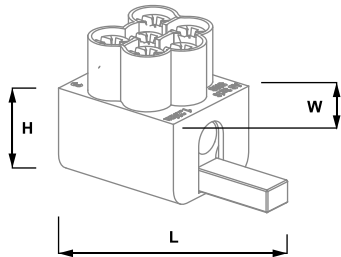
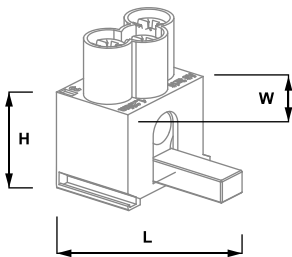
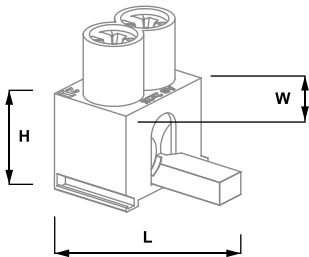
Conductor cross-section Cu (mm ²)	Nominal voltage (V)	Nominal current (A)	The number of connection points	W / H / L (mm)	Insulation IP20	Tightening torque (Nm)	Weight (g)	Package (pcs)
1,5 - 25	690	63	2 x 1,5-25	18 / 25 / 25	Yes	2,5 Nm	16	100



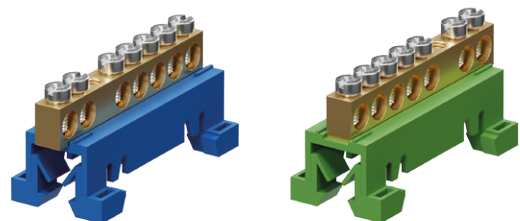
NLP5

Conductor cross-section Cu (mm ²)	Nominal voltage (V)	Nominal current (A)	The number of connection points	W / H / L (mm)	Insulation IP20	Tightening torque (Nm)	Weight (g)	Package (pcs)
1,5 - 25	690	63	3 x 1,5-16	18 / 24 / 34	Yes	1,5 Nm	25	100

DIMENSIONS

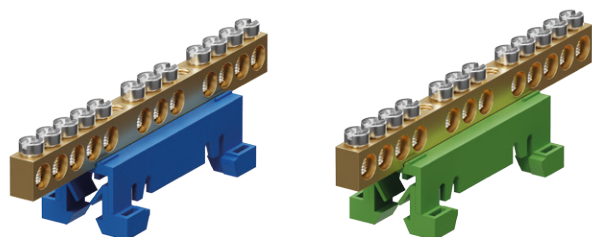


Ready to use busbar holding terminals for DIN rail mounting made of halogen-free polyamide material. Available in two color variations.


N7, PE7

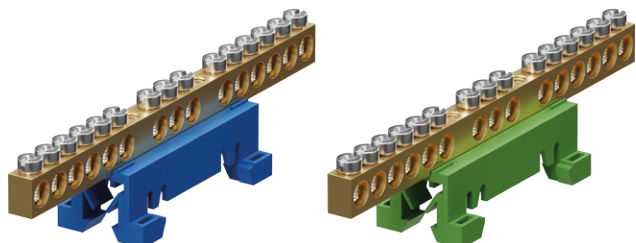
Color	Art. No.
 Blue	NLN7
 Green	NLPE7

Conductor cross-section Cu (mm ²)	Nominal voltage (V)	Nominal current (A)	The number of connection points	W / H / L (mm)	Mounting	Tightening torque (Nm)	Weight (g)	Package (pcs)
1,5 - 16	690	63	7	23 / 30 / 54	DIN rail	2 Nm	26	10


N12, PE12

Color	Art. No.
 Blue	NLN12
 Green	NLPE12

Conductor cross-section Cu (mm ²)	Nominal voltage (V)	Nominal current (A)	The number of connection points	W / H / L (mm)	Mounting	Tightening torque (Nm)	Weight (g)	Package (pcs)
1,5 - 16	690	63	12	23 / 30 / 90	DIN rail	2 Nm	41	10


N15, PE15

Color	Art. No.
 Blue	NLN15
 Green	NLPE15

Conductor cross-section Cu (mm ²)	Nominal voltage (V)	Nominal current (A)	The number of connection points	W / H / L (mm)	Mounting	Tightening torque (Nm)	Weight (g)	Package (pcs)
1,5 - 16	690	63	15	23 / 30 / 110	DIN rail	2 Nm	50	10

NORDFLEX flexible busbars are insulated with high quality, mechanically and electrically resistant self-extinguishing halogen-free PVC materials.

Insulated flexible busbars NORDFLEX are available in 3 options:

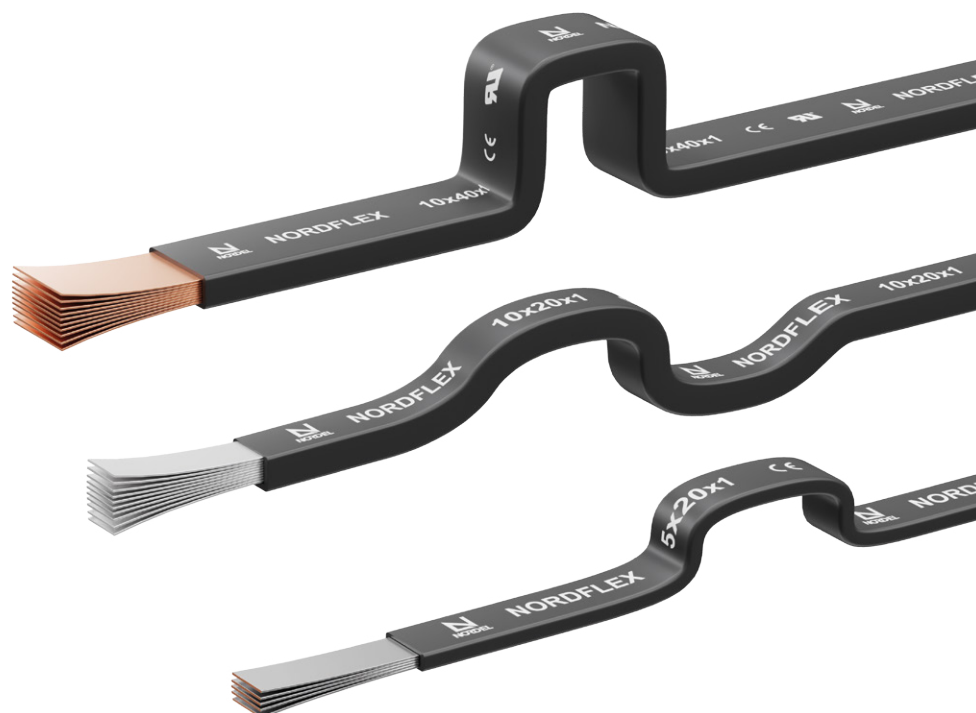
- Copper
- Tin-plated copper
- Aluminum

- Flexible at low temperatures
- 5 year Warranty
- Available in halogen free insulation version

Electrical characteristics:

- Nominal voltage 1000 V AC – 1500
- DC Dielectric strength of the insulation: > 20 KV/mm
- Operating temperature: from -40 °C* up to 105 °C

Certified according to standards:
EN 61439-1:2011





BUSBAR WITH REGARD TO INNER TEMPERATURE

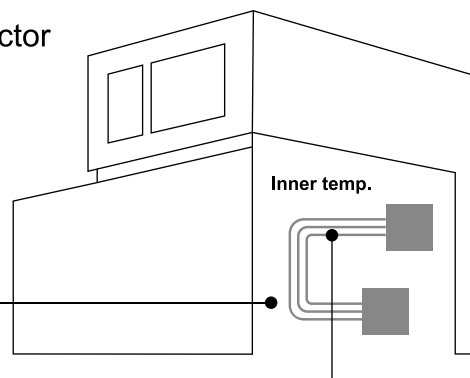
Increase in conductor temperature:

$$PT - CT = \Delta T \text{ }^{\circ}\text{C}$$

$$CT = 105 \text{ }^{\circ}\text{C max}$$

Inner panel temperature

Conductor temperature



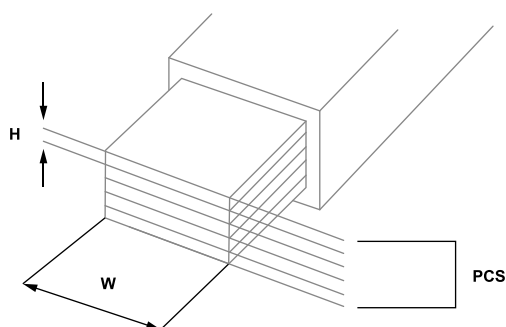
TECHNICAL CHARACTERISTICS OF THE FLEXICOPPER BUSBAR

Insulation	Conductor	Bend	Operating temp.	Thickness	Flammability	Dielectric strenght	Operating voltage
Highly resistant vinyl compound	Electrolytic copper	370%	105 °C (max)	2 mm ± 0.2 mm	UL94 V-0	20 kV/mm	<3500V~/-4000=

Width (mm)	Order code	pcs x W x H l = 2000 mm	Cross-section mm²	Current Load (A) delta 50
20	NLF202	2 x 20 x 1	40	274
	NLF203	3 x 20 x 1	60	361
	NLF204	4 x 20 x 1	80	401
	NLF205	5 x 20 x 1	101	421
	NLF206	6 x 20 x 1	121	463
	NLF2010	10 x 20 x 1	202	645
24	NLF242	2 x 24 x 1	48	380
	NLF243	3 x 24 x 1	72	413
	NLF244	4 x 24 x 1	96	465
	NLF245	5 x 24 x 1	120	514
	NLF246	6 x 24 x 1	143	566
	NLF248	8 x 24 x 1	191	678
	NLF2410	10 x 24 x 1	243	803

Width (mm)	Order code	pcs x W x H l = 2000 mm	Cross-section mm²	Current Load (A) delta 50
32	NLF322	2 x 32 x 1	64	406
	NLF323	3 x 32 x 1	96	483
	NLF324	4 x 32 x 1	129	548
	NLF325	5 x 32 x 1	162	642
	NLF326	6 x 32 x 1	192	715
	NLF328	8 x 32 x 1	256	863
	NLF3210	10 x 32 x 1	322	1041
40	NLF402	2 x 40 x 1	80	401
	NLF403	3 x 40 x 1	121	522
	NLF404	4 x 40 x 1	163	615
	NLF405	5 x 40 x 1	203	761
	NLF406	6 x 40 x 1	240	860
	NLF408	8 x 40 x 1	320	1041
	NLF4010	10 x 40 x 1	402	1182
50	NLF503	3 x 50 x 1	152	592
	NLF504	4 x 50 x 1	201	727
	NLF505	5 x 50 x 1	252	932
	NLF506	6 x 50 x 1	301	1034
	NLF508	8 x 50 x 1	401	1175
	NLF5010	10 x 50 x 1	504	1393
63	NLF633	3 x 63 x 1	189	675
	NLF634	4 x 63 x 1	252	855
	NLF635	5 x 63 x 1	315	1032
	NLF636	6 x 63 x 1	378	1217
	NLF638	8 x 63 x 1	504	1396
	NLF6310	10 x 63 x 1	631	1602
80	NLF803	3 x 80 x 1	242	827
	NLF804	4 x 80 x 1	320	1041
	NLF805	5 x 80 x 1	401	1175
	NLF806	6 x 80 x 1	480	1374
	NLF808	8 x 80 x 1	642	1603
	NLF8010	10 x 80 x 1	800	1774
100	NLF1004	4 x 100 x 1	401	1225
	NLF1005	5 x 100 x 1	501	1385
	NLF1006	6 x 100 x 1	601	1551
	NLF1008	8 x 100 x 1	800	1815
	NLF10010	10 x 100 x 1	1002	1985
120	NLF12010T	10 x 120 x 1	1200	2332

DIMENSIONS



INSULATED FLEXIBLE BUSBARS NORDFLEX

COPPER BUSBARS

www.nordel.eu



ELECTRIC CURRENT LOAD

A	N x A x B (mm)	Cross-section mm ²	Current Δ T (°C)					Current Coefficient	
			70	60	50	40	30	2 layers	3 layers
250 A	2 x 20 x 1	40	327	302	274	246	215	1,72	2,25
	3 x 20 x 1	60	427	395	361	323	281	1,72	2,25
	2 x 24 x 1	48	450	417	380	342	295	1,70	2,25
400 A	4 x 20 x 1	80	476	442	401	363	314	1,72	2,25
	5 x 20 x 1	101	498	461	421	376	327	1,12	2,25
	6 x 20 x 1	121	546	506	463	413	358	1,72	2,25
	3 x 24 x 1	72	493	453	413	371	320	1,72	2,25
	4 x 24 x 1	96	551	543	465	416	361	1,72	2,25
	2 x 32 x 1	64	481	445	406	364	315	1,72	2,25
	3 x 32 x 1	96	571	525	483	433	372	1,72	2,25
	2 x 40 x 1	80	538	503	455	404	352	1,72	2,25
	5 x 24 x 1	122	610	563	514	461	398	1,72	2,25
500 A	6 x 24 x 1	143	671	621	566	506	438	1,72	2,25
	4 x 32 x 1	129	648	601	548	493	425	1,72	2,25
	3 x 40 x 1	121	617	573	522	466	405	1,72	2,25
	4 x 40 x 1	163	727	673	615	553	476	1,72	2,25
	3 x 50 x 1	152	701	653	592	530	462	1,72	2,25
	5 x 40 x 1	203	902	832	761	682	593	1,72	2,25
630 A	4 x 50 x 1	201	862	795	727	653	563	1,72	2,25
	3 x 63 x 1	189	798	741	675	603	522	1,65	2,12
	10 x 24 x 1	243	948	877	803	716	592	1,72	2,25
	8 x 32 x 1	256	1018	943	863	770	667	1,72	2,25
	6 x 40 x 1	240	1018	943	860	771	667	1,72	2,25
	5 x 50 x 1	252	1102	1016	932	832	718	1,72	2,25
	4 x 63 x 1	252	1012	935	855	763	661	1,65	2,12
800 A	3 x 80 x 1	242	983	906	827	742	641	1,65	2,12
	10 x 32 x 1	322	1232	1143	1041	933	805	1,72	2,25
	8 x 40 x 1	320	1233	1142	1041	931	805	1,72	2,25
	10 x 40 x 1	402	1403	1295	1182	1055	915	1,72	2,25
	6 x 50 x 1	301	1226	1135	1034	925	802	1,72	2,25
	8 x 50 x 1	401	1393	1292	1175	1053	912	1,72	2,25
	5 x 63 x 1	315	1221	1125	1032	923	797	1,65	2,12
	6 x 63 x 1	378	1439	1333	1217	1085	941	1,65	2,12
	4 x 80 x 1	324	1203	1112	1015	906	785	1,65	2,12
	5 x 80 x 1	403	1392	1285	1175	1051	910	1,65	2,12
1000 A	4 x 100 x 1	401	1446	1342	1225	1094	947	1,6	2,02
	10 x 50 x 1	504	1654	1525	1393	1245	1082	1,72	2,25
	8 x 63 x 1	504	1652	1525	1396	1245	1085	1,65	2,12
	6 x 80 x 1	480	1626	1505	1374	1237	1065	1,65	2,12
	5 x 100 x 1	501	1635	1517	1385	1235	1075	1,6	2,02
	6 x 100 x 1	601	1843	1705	1551	1394	1205	1,6	2,02
1600 A	10 x 63 x 1	631	1895	1755	1602	1435	1242	1,65	2,12
	8 x 80 x 1	642	1895	1755	1603	1434	1244	1,65	2,12
	10 x 80 x 1	800	2105	1945	1774	1585	1377	1,65	2,12
	8 x 100 x 1	800	2147	1995	1815	1627	1404	1,6	2,02
	10 x 100 x 1	1002	2352	2174	1985	1774	1535	1,6	2,02
	12 x 100 x 1	1200	2503	2315	2115	1894	1636	1,6	2,02
	10 x 120 x 1	1200	2755	2553	2332	2071	1794	1,49	1,95



BUSBAR WITH REGARD TO INNER TEMPERATURE

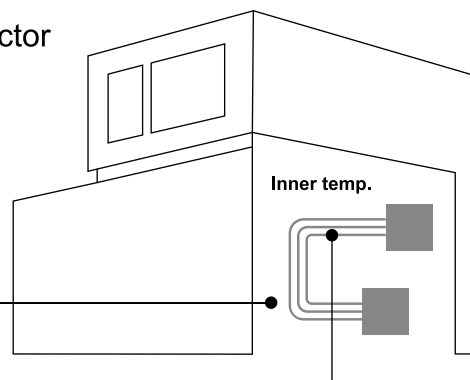
Increase in conductor temperature:

$$PT - CT = \Delta T \text{ }^{\circ}\text{C}$$

$$CT = 105 \text{ }^{\circ}\text{C max}$$

Inner panel temperature

Conductor temperature



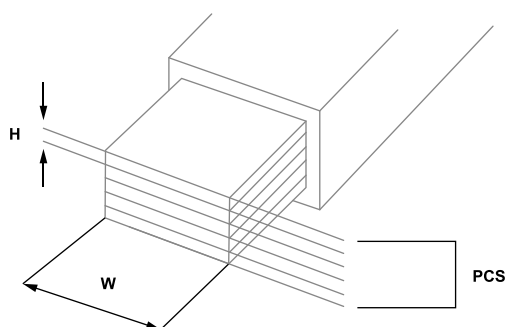
TECHNICAL CHARACTERISTICS OF THE FLEXICOPPER BUSBAR

Insulation	Conductor	Bend	Operating temp.	Thickness	Flammability	Dielectric strenght	Operating voltage
Highly resistant vinyl compound	Electrolytic tin-plated	370%	105 °C (max)	2 mm ± 0.2 mm	UL94 V-0	20 kV/mm	<3500V~/-4000=

Width (mm)	Order code	pcs x W x H l = 2000 mm	Cross-section mm²	Current Load (A) delta 50
20	NLF202T	2 x 20 x 1	40	274
	NLF203T	3 x 20 x 1	60	361
	NLF204T	4 x 20 x 1	80	401
	NLF205T	5 x 20 x 1	101	421
	NLF206T	6 x 20 x 1	121	463
	NLF2010T	10 x 20 x 1	202	645
24	NLF242T	2 x 24 x 1	48	380
	NLF243T	3 x 24 x 1	72	413
	NLF244T	4 x 24 x 1	96	465
	NLF245T	5 x 24 x 1	120	514
	NLF246T	6 x 24 x 1	143	566
	NLF248T	8 x 24 x 1	191	678
	NLF2410T	10 x 24 x 1	243	803

Width (mm)	Order code	pcs x W x H l = 2000 mm	Cross-section mm²	Current Load (A) delta 50
32	NLF322T	2 x 32 x 1	64	406
	NLF323T	3 x 32 x 1	96	483
	NLF324T	4 x 32 x 1	129	548
	NLF325T	5 x 32 x 1	162	642
	NLF326T	6 x 32 x 1	192	715
	NLF328T	8 x 32 x 1	256	863
	NLF3210T	10 x 32 x 1	322	1041
40	NLF402T	2 x 40 x 1	80	401
	NLF403T	3 x 40 x 1	121	522
	NLF404T	4 x 40 x 1	163	615
	NLF405T	5 x 40 x 1	203	761
	NLF406T	6 x 40 x 1	240	860
	NLF408T	8 x 40 x 1	320	1041
	NLF4010T	10 x 40 x 1	402	1182
50	NLF503T	3 x 50 x 1	152	592
	NLF504T	4 x 50 x 1	201	727
	NLF505T	5 x 50 x 1	252	932
	NLF506T	6 x 50 x 1	301	1034
	NLF508T	8 x 50 x 1	401	1175
	NLF5010T	10 x 50 x 1	504	1393
63	NLF633T	3 x 63 x 1	189	675
	NLF634T	4 x 63 x 1	252	855
	NLF635T	5 x 63 x 1	315	1032
	NLF636T	6 x 63 x 1	378	1217
	NLF638T	8 x 63 x 1	504	1396
	NLF6310T	10 x 63 x 1	631	1602
80	NLF803T	3 x 80 x 1	242	827
	NLF804T	4 x 80 x 1	320	1041
	NLF805T	5 x 80 x 1	401	1175
	NLF806T	6 x 80 x 1	480	1374
	NLF808T	8 x 80 x 1	642	1603
	NLF8010T	10 x 80 x 1	800	1774
100	NLF1004T	4 x 100 x 1	401	1225
	NLF1005T	5 x 100 x 1	501	1385
	NLF1006T	6 x 100 x 1	601	1551
	NLF1008T	8 x 100 x 1	800	1815
	NLF10010T	10 x 100 x 1	1002	1985
120	NLF12010T	10 x 120 x 1	1200	2332

DIMENSIONS



INSULATED FLEXIBLE BUSBARS NORDFLEX

COPPER TIN-PLATED BUSBARS

www.nordel.eu



ELECTRIC CURRENT LOAD

A	N x A x B (mm)	Cross-section mm ²	Current $\Delta T (^{\circ}\text{C})$					Current Coefficient	
			70	60	50	40	30	2 layers	3 layers
250 A	2 x 20 x 1	40	327	302	274	246	215	1,72	2,25
	3 x 20 x 1	60	427	395	361	323	281	1,72	2,25
	2 x 24 x 1	48	450	417	380	342	295	1,70	2,25
400 A	4 x 20 x 1	80	476	442	401	363	314	1,72	2,25
	5 x 20 x 1	101	498	461	421	376	327	1,12	2,25
	6 x 20 x 1	121	546	506	463	413	358	1,72	2,25
	3 x 24 x 1	72	493	453	413	371	320	1,72	2,25
	4 x 24 x 1	96	551	543	465	416	361	1,72	2,25
	2 x 32 x 1	64	481	445	406	364	315	1,72	2,25
	3 x 32 x 1	96	571	525	483	433	372	1,72	2,25
	2 x 40 x 1	80	538	503	455	404	352	1,72	2,25
500 A	5 x 24 x 1	122	610	563	514	461	398	1,72	2,25
	6 x 24 x 1	143	671	621	566	506	438	1,72	2,25
	4 x 32 x 1	129	648	601	548	493	425	1,72	2,25
	3 x 40 x 1	121	617	573	522	466	405	1,72	2,25
	4 x 40 x 1	163	727	673	615	553	476	1,72	2,25
	3 x 50 x 1	152	701	653	592	530	462	1,72	2,25
630 A	10 x 20 x 1	202	762	707	645	576	502	1,72	2,25
	8 x 24 x 1	191	802	742	678	607	525	1,72	2,25
	5 x 32 x 1	162	758	702	642	573	496	1,72	2,25
	6 x 32 x 1	192	846	783	715	642	555	1,72	2,25
	5 x 40 x 1	203	902	832	761	682	593	1,72	2,25
	4 x 50 x 1	201	862	795	727	653	563	1,72	2,25
	3 x 63 x 1	189	798	741	675	603	522	1,65	2,12
800 A	10 x 24 x 1	243	948	877	803	716	592	1,72	2,25
	8 x 32 x 1	256	1018	943	863	770	667	1,72	2,25
	6 x 40 x 1	240	1018	943	860	771	667	1,72	2,25
	5 x 50 x 1	252	1102	1016	932	832	718	1,72	2,25
	4 x 63 x 1	252	1012	935	855	763	661	1,65	2,12
	3 x 80 x 1	242	983	906	827	742	641	1,65	2,12
1000 A	10 x 32 x 1	322	1232	1143	1041	933	805	1,72	2,25
	8 x 40 x 1	320	1233	1142	1041	931	805	1,72	2,25
	10 x 40 x 1	402	1403	1295	1182	1055	915	1,72	2,25
	6 x 50 x 1	301	1226	1135	1034	925	802	1,72	2,25
	8 x 50 x 1	401	1393	1292	1175	1053	912	1,72	2,25
	5 x 63 x 1	315	1221	1125	1032	923	797	1,65	2,12
	6 x 63 x 1	378	1439	1333	1217	1085	941	1,65	2,12
	4 x 80 x 1	324	1203	1112	1015	906	785	1,65	2,12
	5 x 80 x 1	403	1392	1285	1175	1051	910	1,65	2,12
	4 x 100 x 1	401	1446	1342	1225	1094	947	1,6	2,02
1250 A	10 x 50 x 1	504	1654	1525	1393	1245	1082	1,72	2,25
	8 x 63 x 1	504	1652	1525	1396	1245	1085	1,65	2,12
	6 x 80 x 1	480	1626	1505	1374	1237	1065	1,65	2,12
	5 x 100 x 1	501	1635	1517	1385	1235	1075	1,6	2,02
	6 x 100 x 1	601	1843	1705	1551	1394	1205	1,6	2,02
1600 A	10 x 63 x 1	631	1895	1755	1602	1435	1242	1,65	2,12
	8 x 80 x 1	642	1895	1755	1603	1434	1244	1,65	2,12
	10 x 80 x 1	800	2105	1945	1774	1585	1377	1,65	2,12
	8 x 100 x 1	800	2147	1995	1815	1627	1404	1,6	2,02
	10 x 100 x 1	1002	2352	2174	1985	1774	1535	1,6	2,02
	12 x 100 x 1	1200	2503	2315	2115	1894	1636	1,6	2,02
	10 x 120 x 1	1200	2755	2553	2332	2071	1794	1,49	1,95



BUSBAR WITH REGARD TO INNER TEMPERATURE

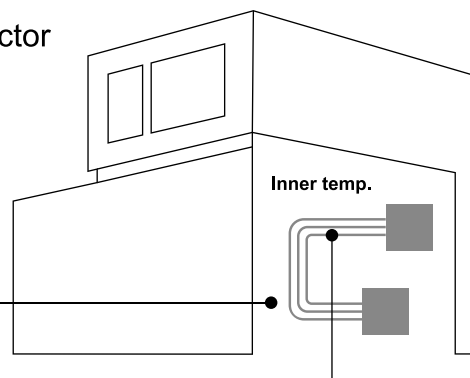
Increase in conductor
temperature:

$$PT - CT = \Delta T \text{ } ^\circ\text{C}$$

$$CT = 105 \text{ } ^\circ\text{C max}$$

Inner panel
temperature

Conductor
temperature



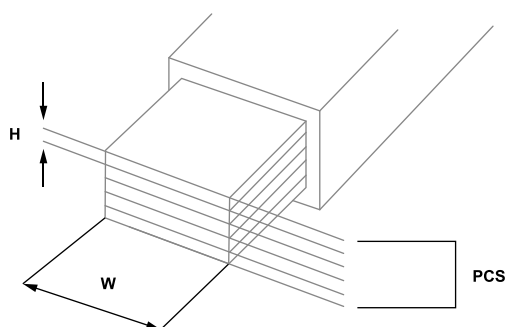
TECHNICAL CHARACTERISTICS OF THE HF FLEXAL BUSBAR

Insulation	Conductor	Bend	Operating temp.	Thickness	Flammability	Operating voltage	Certification
Highly resistance compound of TPE	Electrolytic aluminium	370%	105 °C (max)	2 mm ± 0.2 mm	UL94 V-0	<3500V~/4000=	IEC 61439.1 UL/CSA (in progress)

Width (mm)	Order code	pcs x W x H l = 2000 mm	Cross-section mm²	Current Load (A) delta 50
20	NLF202A	2 x 20 x 1	40	194
	NLF203A	3 x 20 x 1	60	234
	NLF204A	4 x 20 x 1	80	264
	NLF205A	5 x 20 x 1	101	312
	NLF206A	6 x 20 x 1	121	352
	NLF2010A	10 x 20 x 1	202	492
24	NLF242A	2 x 24 x 1	48	250
	NLF243A	3 x 24 x 1	72	270
	NLF244A	4 x 24 x 1	96	296
	NLF245A	5 x 24 x 1	120	324
	NLF246A	6 x 24 x 1	143	362
	NLF248A	8 x 24 x 1	191	456
	NLF2410A	10 x 24 x 1	243	528

Width (mm)	Order code	pcs x W x H l = 2000 mm	Cross-section mm²	Current Load (A) delta 50
32	NLF322A	2 x 32 x 1	64	306
	NLF323A	3 x 32 x 1	96	348
	NLF324A	4 x 32 x 1	129	395
	NLF325A	5 x 32 x 1	162	456
	NLF326A	6 x 32 x 1	192	515
	NLF328A	8 x 32 x 1	256	600
	NLF3210A	10 x 32 x 1	322	708
40	NLF402A	2 x 40 x 1	80	378
	NLF403A	3 x 40 x 1	121	451
	NLF404A	4 x 40 x 1	163	502
	NLF405A	5 x 40 x 1	203	552
	NLF406A	6 x 40 x 1	240	602
	NLF408A	8 x 40 x 1	320	682
	NLF4010A	10 x 40 x 1	402	804
50	NLF503A	3 x 50 x 1	152	456
	NLF504A	4 x 50 x 1	201	570
	NLF505A	5 x 50 x 1	252	672
	NLF506A	6 x 50 x 1	301	736
	NLF508A	8 x 50 x 1	401	864
	NLF5010A	10 x 50 x 1	504	984
63	NLF633A	3 x 63 x 1	189	504
	NLF634A	4 x 63 x 1	252	660
	NLF635A	5 x 63 x 1	315	816
	NLF636A	6 x 63 x 1	378	888
	NLF638A	8 x 63 x 1	504	1032
	NLF6310A	10 x 63 x 1	631	1200
80	NLF803A	3 x 80 x 1	242	919
	NLF804A	4 x 80 x 1	320	988
	NLF805A	5 x 80 x 1	401	1056
	NLF806A	6 x 80 x 1	480	1124
	NLF808A	8 x 80 x 1	642	1260
	NLF8010A	10 x 80 x 1	800	1500
100	NLF1004A	4 x 100 x 1	401	1210
	NLF1005A	5 x 100 x 1	501	1296
	NLF1006A	6 x 100 x 1	601	1402
	NLF1008A	8 x 100 x 1	800	1608
	NLF10010A	10 x 100 x 1	1002	1824
120	NLF12010A	10 x 120 x 1	1200	2160

DIMENSIONS



INSULATED FLEXIBLE BUSBARS NORDFLEX

ALUMINIUM BUSBARS

www.nordel.eu



ELECTRIC CURRENT LOAD

Type of FlexAL	Cross-section mm ²	Ampere Load (A) delta 50
2 x 20 x 1	40	194
3 x 20 x 1	60	234
4 x 20 x 1	80	264
5 x 20 x 1	100	312
6 x 20 x 1	120	352
9 x 20 x 1	180	456
10 x 20 x 1	200	492
2 x 24 x 1	48	250
3 x 24 x 1	72	270
4 x 24 x 1	96	296
5 x 24 x 1	122	324
6 x 24 x 1	143	362
8 x 24 x 1	191	456
9 x 24 x 1	216	486
10 x 24 x 1	243	528
2 x 32 x 1	64	306
3 x 32 x 1	96	348
4 x 32 x 1	129	395
5 x 32 x 1	160	456
6 x 32 x 1	192	515
8 x 32 x 1	256	600
9 x 32 x 1	288	648
10 x 32 x 1	320	708
2 x 40 x 1	80	378
3 x 40 x 1	120	451
4 x 40 x 1	160	502
5 x 40 x 1	200	552
6 x 40 x 1	240	602
8 x 40 x 1	320	682
9 x 40 x 1	360	754

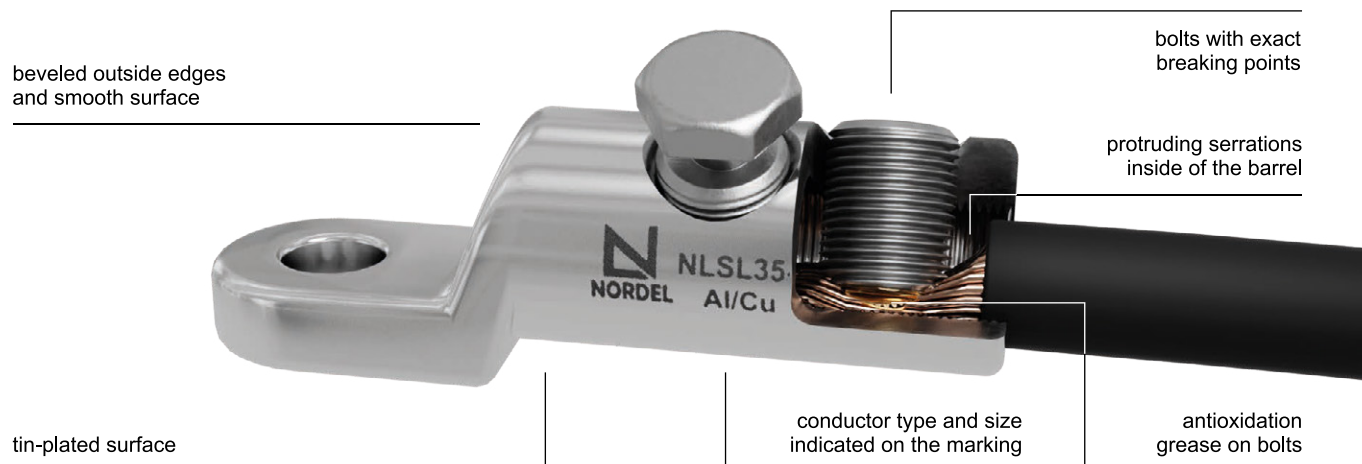
Type of FlexAL	Cross-section mm ²	Ampere Load (A) delta 50
10 x 40 x 1	400	804
3 x 50 x 1	150	456
4 x 50 x 1	200	570
5 x 50 x 1	250	672
6 x 50 x 1	300	736
8 x 50 x 1	400	864
9 x 50 x 1	450	928
10 x 50 x 1	500	984
3 x 63 x 1	189	504
4 x 63 x 1	252	660
5 x 63 x 1	315	816
6 x 63 x 1	378	888
8 x 63 x 1	504	1032
9 x 63 x 1	567	1104
10 x 63 x 1	630	1200
3 x 80 x 1	240	919
4 x 80 x 1	320	988
5 x 80 x 1	400	1056
6 x 80 x 1	480	1124
8 x 80 x 1	640	1260
9 x 80 x 1	720	1358
10 x 80 x 1	800	1500
4 x 100 x 1	400	1210
5 x 100 x 1	500	1296
6 x 100 x 1	600	1402
8 x 100 x 1	800	1608
9 x 100 x 1	900	1714
10 x 100 x 1	1000	1824
11 x 100 x 1	1100	1980
10 x 120 x 1	1200	2160

- Halogen free
- Silicone free
- Recyclable
- Excellent flexibility
- UV ozone stability
- Very good mechanical durability with compare silicone

NORDEL Shear Bolt lugs are used for connecting aluminum and/or copper conductors in applications up to 12kV.

Advantages of shear bolt technology:

- No crimping or other special tools are required, shear bolt technology allows installation of connectors by using a regular wrench or a spanner.
- Wide range of conductors can be installed with only a few shear bolt items. Shear bolt cable lugs are range taking products - they can be used with conductors of varying cross-sections.
- Bodies of shear bolt lugs are made of high-strength aluminum alloy and are tin-plated, allowing their use with both aluminum and copper conductors.
- Best electrical connection is ensured by special bolts that are made of aluminum or tin-plated brass and designed to break at the exact torque.
- Special antioxidative grease is used on bolts to ensure the elimination of oxidative processes in places of electrical contact.
- Our shear bolt lugs are watertight and suitable for indoor and outdoor installations, can be used with solid, stranded, sector shaped and round conductors with plastic, nylon or oil-impregnated paper isolation conductors.
- Shear bolt lugs are compatible with most joining kits by many manufacturers in the market. Compact design requires less installation space, especially for larger cross-sections.



Certification and regulations:

Tested according to IEC61238-1 class A.

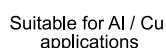
Materials:

Lug body: tin-plated high-strength aluminum alloy.
Cable lug bolts: aluminum alloy or tin plated brass.

Technical specifications:

- Nominal voltage up to 12kV.
- Suitable for copper and aluminum conductors.
- Shear-off bolts are treated with antioxidation grease.

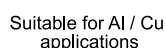
For applications up to 12kV for Al and Cu conductors.
Certified according to **EN61238-1 class A.**



	Bolt material	
Palm opening size	Aluminum	Brass tin plated
M10	NLSL6-35x10A	NLSL6-35x10B
M12	NLSL6-35x12A	NLSL6-35x12B



	Bolt material	
Palm opening size	Aluminum	Brass tin plated
M10	NLSL16-50x10A	NLSL16-50x10B
M12	NLSL16-50x12A	NLSL16-50x12B



	Bolt material	
Palm opening size	Aluminum	Brass tin plated
M12	NLSL16-702x12A	NLSL16-702x12B

A schematic diagram of a rectangular plate of width w and length L_2 . On the left side, there is a circular hole of diameter D . On the right side, three disks are stacked vertically. A dashed line indicates the center of the hole.

For applications up to 12kV for Al and Cu conductors.
Certified according to **EN61238-1 class A**.



NLSL25-95

Suitable for Al / Cu applications

Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)							
RE 	RM 	SE 	SM 	RM 	SM 	RE 	No. of bolts Ø mm	L1 / L2 / I	W / D / d	Weight (g)	Package (pcs)
16-95	16-95	16-95	16-95	25-95	25-95	16-35	1 / M12	74 / 60 / 28	28 / 28 / 14	67 / 97	XX

Palm opening size	Bolt material	
	Aluminum	Brass tin plated
M12	NLSL25-95x12A	NLSL25-95x12B



NLSL35-150

Suitable for Al / Cu applications

Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)							
RE 	RM 	SE 	SM 	RM 	SM 	RE 	No. of bolts Ø mm	L1 / L2 / I	W / D / d	Weight (g)	Package (pcs)
35-150	35-150	35-150	35-120	—	—	—	2 / M16	100 / 86 / 52	29 / 29 / 17	121 / 151	XX

Palm opening size	Bolt material	
	Aluminum	Brass tin plated
M12	NLSL35-150x12A	NLSL35-150x12B



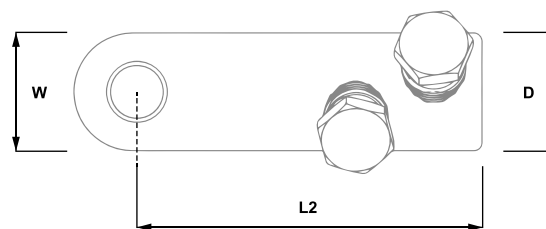
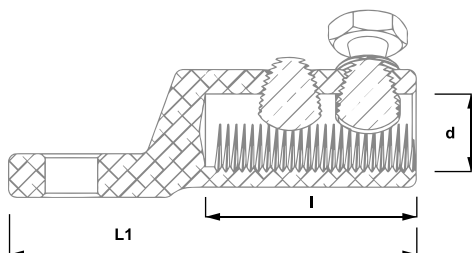
NLSL120-240

Suitable for Al / Cu applications

Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)							
RE 	RM 	SE 	SM 	RM 	SM 	RE 	No. of bolts Ø mm	L1 / L2 / I	W / D / d	Weight (g)	Package (pcs)
120-240	120-240	120-240	120-240	—	—	—	2 / M18	115 / 105 / 60	37 / 37 / 23	252 / 282	XX

Palm opening size	Bolt material	
	Aluminum	Brass tin plated
M12	NLSL120-240x12A	NLSL120-240x12B
M16	NLSL120-240x16A	NLSL120-240x16B

DIMENSIONS



SHEAR BOLT CABLE LUGS



www.nordel.eu

For applications up to 12kV for Al and Cu conductors.
Certified according to **EN61238-1 class A**.

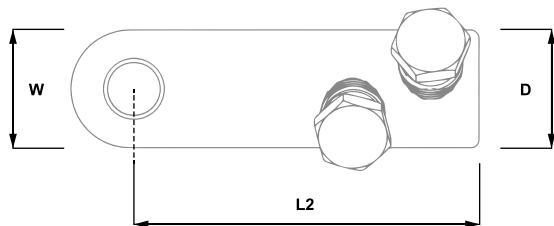
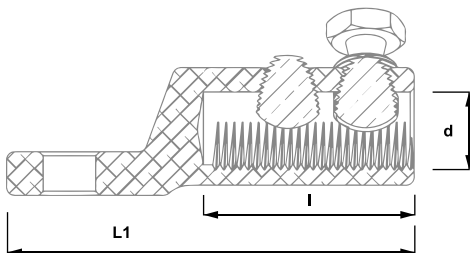


NLSL150-300

Suitable for Al / Cu applications

							Bolt material				
Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)			Palm opening size	Aluminum	Brass tin plated		
RE 	RM 	SE 	SM 	RM 	SM 	RE 	M12	NLSL150-3002x12A	NLSL150-3002x12B		
							M16	NLSL150-3002x16A	NLSL150-3002x16B		
							No. of bolts Ø mm	L1 / L2 / I	W / D / d	Weight (g)	Package (pcs)
150-300	150-300	150-300	150-300	—	—	—	2 / M22	124 / 105 / 60	38 / 38 / 25	284 / 304	XX

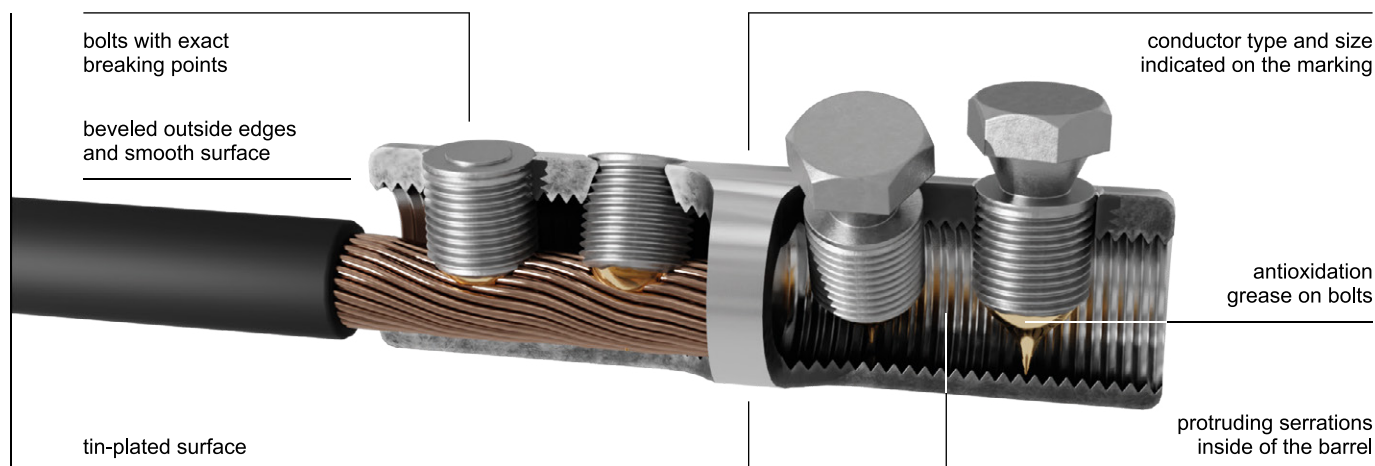
DIMENSIONS



NORDEL Shear Bolt connectors are used for connecting aluminum and/or copper conductors in applications up to 12kV.

Aadvantages of shear bolt technology:

- No crimping or other special tools are required, shear bolt technology allows installation of connectors by using a regular wrench or a spanner.
- Wide range of conductors can be installed with only a few shear bolt items. Shear bolt cable connectors are range taking products - they can be used with conductors of varying cross-sections.
- Bodies of shear bolt connectors are made of high-strength aluminum alloy and are tin-plated, allowing their use with both aluminum and copper conductors.
- Best electrical connection is ensured by special bolts that are made of aluminum or tin-plated brass and designed to break at the exact torque.
- Special antioxidative grease is used on bolts to ensure the elimination of oxidative processes in places of electrical contact.
- Our shear bolt connectors are watertight and suitable for indoor and outdoor installations, can be used with solid, stranded, sector shaped and round conductors with plastic, nylon or oil-impregnated paper isolation conductors.
- Shear bolt connectors are compatible with most jointing kits by many manufacturers in the market. Compact design requires less installation space, especially for larger cross-sections.



Certification and regulations:

Tested according to IEC61238-1 class A.

Materials:

Lug body: tin-plated high-strength aluminum alloy.
Cable lug bolts: aluminum alloy or tin plated brass.

Technical specifications:

- Nominal voltage up to 12kV.
- Suitable for copper and aluminum conductors.
- Shear-off bolts are treated with antioxidation grease.

SHEAR BOLT CABLE CONNECTORS



www.nordel.eu

For applications up to 12kV for Al and Cu conductors.
Certified according to **EN61238-1 class A**.



NLSC1.5-16

Suitable for Al / Cu applications

Bolt material	
Aluminum	Brass tin plated
NLSC1,5-16A	NLSC1,5-16B

Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)			No. of bolts Ø mm	L / l	D / d	Weight (g)	Package (pcs)
RE	RM	SE	SM	RM	SM	RE					
Round Solid	Round Stranded	Sector shaped Solid	Sector shaped Stranded	Round Stranded	Sector shaped Stranded	Round Solid					
1,5-16	1,5-16	1,5-16	1,5-16	1,5-16	1,5-16	1,5-16	2 / M6	30 / 14	12 / 6	11 / 18	XX



NLSC6-35

Suitable for Al / Cu applications

Bolt material	
Aluminum	Brass tin plated
NLSC6-35A	NLSC6-35AB

Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)			No. of bolts Ø mm	L / l	D / d	Weight (g)	Package (pcs)
RE	RM	SE	SM	RM	SM	RE					
Round Solid	Round Stranded	Sector shaped Solid	Sector shaped Stranded	Round Stranded	Sector shaped Stranded	Round Solid					
6-35	10-35	16-35	16-25	16-35	16-35	6-25	2 / M8	40 / 18	16 / 9	23 / 33	XX



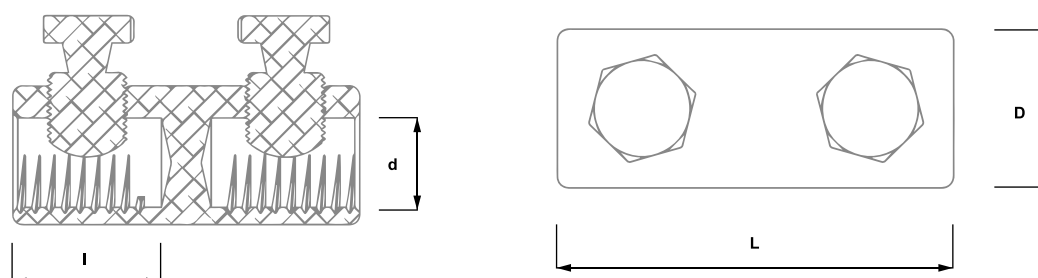
NLSC16-50

Suitable for Al / Cu applications

Bolt material	
Aluminum	Brass tin plated
NLSC16-50A	NLSC16-50B

Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)			No. of bolts Ø mm	L / l	D / d	Weight (g)	Package (pcs)
RE	RM	SE	SM	RM	SM	RE					
Round Solid	Round Stranded	Sector shaped Solid	Sector shaped Stranded	Round Stranded	Sector shaped Stranded	Round Solid					
16-50	16-50	16-50	16-35	16-50	16-50	16-35	2 / M10	54 / 24	21 / 11	34 / 44	XX

DIMENSIONS



For applications up to 12kV for Al and Cu conductors.
Certified according to **EN61238-1 class A**.



NLSC25-95

Suitable for Al / Cu applications

Bolt material	
Aluminum	Brass tin plated
NLSC25-95A	NLSC25-95B

Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)			No. of bolts Ø mm	L / l	D / d	Weight (g)	Package (pcs)
RE 	RM 	SE 	SM 	RM 	SM 	RE 					
Round Solid	Round Stranded	Sector shaped Solid	Sector shaped Stranded	Round Stranded	Sector shaped Stranded	Round Solid					
25-95	25-95	25-95	25-95	25-95	25-95	25-35	2 / M12	56 / 26	25 / 14	48 / 58	XX



NLSC35-150

Suitable for Al / Cu applications

Bolt material	
Aluminum	Brass tin plated
NLSC35-150A	NLSC35-150B

Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)			No. of bolts Ø mm	L / l	D / d	Weight (g)	Package (pcs)
RE 	RM 	SE 	SM 	RM 	SM 	RE 					
Round Solid	Round Stranded	Sector shaped Solid	Sector shaped Stranded	Round Stranded	Sector shaped Stranded	Round Solid					
35-150	35-150	35-150	35-120	35-150	35-120	—	2 / M16	71 / 33	28 / 18	88 / 108	XX



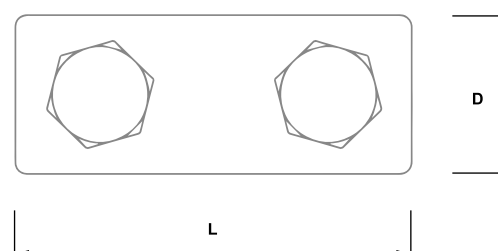
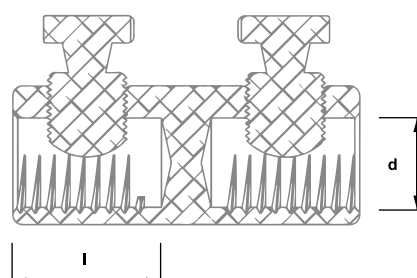
NLSC120-240

Suitable for Al / Cu applications

Bolt material	
Aluminum	Brass tin plated
NLSC120-240A	NLSC120-240B

Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)			No. of bolts Ø mm	L / l	D / d	Weight (g)	Package (pcs)
RE 	RM 	SE 	SM 	RM 	SM 	RE 					
Round Solid	Round Stranded	Sector shaped Solid	Sector shaped Stranded	Round Stranded	Sector shaped Stranded	Round Solid					
120-240	120-240	120-240	120-240	120-240	—	—	2 / M18	80 / 37	36 / 24	164 / 194	XX

DIMENSIONS



SHEAR BOLT CABLE CONNECTORS



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For applications up to 12kV for Al and Cu conductors.
Certified according to **EN61238-1 class A**.



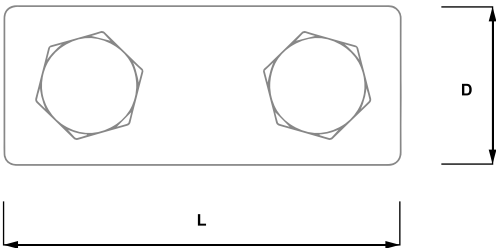
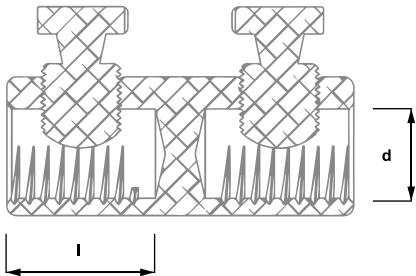
NLSC150-300

Suitable for Al / Cu applications

Bolt material	
Aluminum	Brass tin plated
NLSC150-300A	NLSC150-300B

Conductor cross-section Al (mm²)				Conductor cross-section Cu (mm²)			No. of bolts Ø mm	L / l	D / d	Weight (g)	Package (pcs)
RE	RM	SE	SM	RM	SM	RE					
Round Solid	Round Stranded	Sector shaped Solid	Sector shaped Stranded	Round Stranded	Sector shaped Stranded	Round Solid					
150-300	150-300	150-300	150-300	150-300	—	—	4 / M22	112 / 52	38 / 24	268 / 298	XX

DIMENSIONS



INSULATION AND PROTECTION FOR LOW VOLTAGE APPLICATIONS

The **NLHS Heat shrink thin wall Tubing** by **NORDEL** provides reliable insulation and protection for low-voltage cables and components.

This versatile tubing is crafted from cross-linked polyolefin, offering flexibility, durability, and ease of installation, ideal for applications that demand a balance of protection and minimal added bulk.

UV-stabilized (black version) and available in various colors, including yellow/green, **NLHS** tubing ensures protection and visual coding of low voltage installation components.

THIN WALL

HALOGEN-FREE

2:1 SHRINK RATIO

- High Mechanical Strength and electrical insulation
- UV-resistant polyolefin for effective protection against radiation and various weather conditions
- Halogen-free, silicone-free, and lead-free for non-toxic environmental solutions
- Meets RoHS and REACH regulations
- Unlimited shelf life under usual storage conditions
- Available in black, red, yellow, blue, green, yellow/green, grey, brown, white, transparent and other colors, suitable for cable installations in both indoor and outdoor settings
- Available in NORDEL cardboard rolls and specially designed NORDEL boxes for ease of use and storage



HEAT-SHRINK TUBING NLHS IN ROLLS

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NLHS THIN WALL HALOGEN-FREE HEAT-SHRINK TUBING



Items available in different sizes
and colors **IN ROLLS:**

Shrink ratio	Operating temp.	Shrink temp.
2:1	-55°C – 135°C	80°

Single Wall Polyolefin
AMS/DTL/23053-5 CLASS1

**RoHS compliant, CSA
and UL tested**

Flame retardant, flexible
Meet SAE-AMS-DTL

Available colors		
	Black	B
	Yellow	Y
	Clear	CLR
	White	W
	Blue	BU
	Green	G
	Brown	BN
	Red	R
	Grey	GR
	Yellow/Green	YG

*Other colors and
lengths upon request.*

DIMENSIONS



Starting size (mm)	Before Ø D (mm)	After Ø d (mm)	Packing	Weight kg/Roll	Item	Color	Order code
Ø1.0	1.50±0.20	0,65	200m/Roll	0,29	NLHS 1/0.65		NLHS10B200
							NLHS10R200
							NLHS10Y200
							NLHS10BU200
							NLHS10G200
							NLHS10W200
							NLHS10CLR200
							NLHS10BN200
							NLHS10GR200
							NLHS10YG200
Ø1.5	2.00±0.20	0,85	200m/Roll	0,37	NLHS 1.5/0.85		NLHS15B200
							NLHS15R200
							NLHS15Y200
							NLHS15BU200
							NLHS15G200
							NLHS15W200
							NLHS15CLR200
							NLHS15BN200
							NLHS15GR200
							NLHS15YG200
Ø2.0	2.50±0.20	1,0	200m/Roll	0,53	NLHS 2/1		NLHS2B200
							NLHS2R200
							NLHS2Y200
							NLHS2BU200
							NLHS2G200
							NLHS2W200
							NLHS2CLR200
							NLHS2BN200
							NLHS2GR200
							NLHS2YG200
Ø2.5	3.00±0.20	1,3	200m/Roll	0,62	NLHS 2.5/1.3		NLHS25B200
							NLHS25R200
							NLHS25Y200
							NLHS25BU200
							NLHS25G200

Starting size (mm)	Before Ø D (mm)	After Ø d (mm)	Packing	Weight kg/Roll	Item	Color	Order code
Ø2.5	3.00±0.20	1,3	200m/Roll	0,62	NLHS 2.5/1.3	White	NLHS25W200
						Clear	NLHS25CLR200
						Brown	NLHS25BN200
						Grey	NLHS25GR200
						Yellow/Green	NLHS25YG200
Ø3.0	3.50±0.20	1,5	200m/Roll	0,71	NLHS 3/1.5	Black	NLHS3B200
						Red	NLHS3R200
						Yellow	NLHS3Y200
						Blue	NLHS3BU200
						Green	NLHS3G200
						White	NLHS3W200
						Clear	NLHS3CLR200
						Brown	NLHS3BN200
						Grey	NLHS3GR200
						Yellow/Green	NLHS3YG200
Ø3.5	4.00±0.20	1,8	200m/Roll	0,81	NLHS 3.5/1.8	Black	NLHS3B200
						Red	NLHS3R200
						Yellow	NLHS3Y200
						Blue	NLHS3BU200
						Green	NLHS3G200
						White	NLHS3W200
						Clear	NLHS3CLR200
						Brown	NLHS3BN200
						Grey	NLHS3GR200
						Yellow/Green	NLHS3YG200
Ø4.0	4.50±0.20	2	200m/Roll	1,00	NLHS 4/2	Black	NLHS4B200
						Red	NLHS4R200
						Yellow	NLHS4Y200
						Blue	NLHS4BU200
						Green	NLHS4G200
						White	NLHS4W200
						Clear	NLHS4CLR200
						Brown	NLHS4BN200
						Grey	NLHS4GR200
						Yellow/Green	NLHS4YG200
Ø5.0	5.50±0.20	2,5	100m/Roll	0,68	NLHS 5/2.5	Black	NLHS5B100
						Red	NLHS5R100
						Yellow	NLHS5Y100
						Blue	NLHS5BU100
						Green	NLHS5G100
						White	NLHS5W100
						Clear	NLHS5CLR100
						Brown	NLHS5BN100
						Grey	NLHS5GR100
						Yellow/Green	NLHS5YG100
Ø6.0	6.50±0.20	3	100m/Roll	0,79	NLHS 6/3	Black	NLHS6B100
						Red	NLHS6R100
						Yellow	NLHS6Y100
						Blue	NLHS6BU100
						Green	NLHS6G100
						White	NLHS6W100
						Clear	NLHS6CLR100
						Brown	NLHS6BN100
						Grey	NLHS6GR100
						Yellow/Green	NLHS6YG100
Ø8.0	8.50±0.30	4	100m/Roll	1,11	NLHS 8/4	Black	NLHS8B100
						Red	NLHS8R100
						Yellow	NLHS8Y100
						Blue	NLHS8BU100
						Green	NLHS8G100
						White	NLHS8W100
						Clear	NLHS8CLR100
						Brown	NLHS8BN100
						Grey	NLHS8GR100
						Yellow/Green	NLHS8YG100
Ø10.0	10.50±0.30	5	100m/Roll	1,35	NLHS 10/5	Black	NLHS100B100
						Red	NLHS100R100
						Yellow	NLHS100Y100
						Blue	NLHS100BU100
						Green	NLHS100G100

HEAT-SHRINK TUBING NLHS IN ROLLS

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Starting size (mm)	Before Ø D (mm)	After Ø d (mm)	Packing	Weight kg/Roll	Item	Color	Order code
Ø10.0	10.50±0.30	5	100m/Roll	1,35	NLHS 10/5	White	NLHS100W100
						Clear	NLHS100CLR100
						Brown	NLHS100BN100
						Grey	NLHS100GR100
						Yellow/Green	NLHS100YG100
Ø12.0	12.50±0.30	6	100m/Roll	1,59	NLHS 12/6	Black	NLHS120B100
						Red	NLHS120R100
						Yellow	NLHS120Y100
						Blue	NLHS120BU100
						Green	NLHS120G100
						White	NLHS120W100
						Clear	NLHS120CLR100
						Brown	NLHS120BN100
						Grey	NLHS120GR100
						Yellow/Green	NLHS120YG100
Ø14.0	14.50±0.30	7	100m/Roll	2,16	NLHS 14/7	Black	NLHS140B100
						Red	NLHS140R100
						Yellow	NLHS140Y100
						Blue	NLHS140BU100
						Green	NLHS140G100
						White	NLHS140W100
						Clear	NLHS140CLR100
						Brown	NLHS140BN100
						Grey	NLHS140GR100
						Yellow/Green	NLHS140YG100
Ø16.0	16.50±0.40	8	100m/Roll	2,44	NLHS 16/8	Black	NLHS160B100
						Red	NLHS160R100
						Yellow	NLHS160Y100
						Blue	NLHS160BU100
						Green	NLHS160G100
						White	NLHS160W100
						Clear	NLHS160CLR100
						Brown	NLHS160BN100
						Grey	NLHS160GR100
						Yellow/Green	NLHS160YG100
Ø18.0	19.00±0.50	9	100m/Roll	2,77	NLHS 18/9	Black	NLHS180B100
						Red	NLHS180R100
						Yellow	NLHS180Y100
						Blue	NLHS180BU100
						Green	NLHS180G100
						White	NLHS180W100
						Clear	NLHS180CLR100
						Brown	NLHS180BN100
						Grey	NLHS180GR100
						Yellow/Green	NLHS180YG100
Ø20.0	21.00±0.50	10	100m/Roll	3,67	NLHS 20/10	Black	NLHS200B100
						Red	NLHS200R100
						Yellow	NLHS200Y100
						Blue	NLHS200BU100
						Green	NLHS200G100
						White	NLHS200W100
						Clear	NLHS200CLR100
						Brown	NLHS200BN100
						Grey	NLHS200GR100
						Yellow/Green	NLHS200YG100
Ø22.0	23.00±0.50	11	100m/Roll	3,98	NLHS 22/11	Black	NLHS220B100
						Red	NLHS220R100
						Yellow	NLHS220Y100
						Blue	NLHS220BU100
						Green	NLHS220G100
						White	NLHS220W100
						Clear	NLHS220CLR100
						Brown	NLHS220BN100
						Grey	NLHS220GR100
						Yellow/Green	NLHS220YG100
Ø25.0	26.00±0.50	12,5	50m/Roll	2,43	NLHS 25/12.5	Black	NLHS250B50
						Red	NLHS250R50
						Yellow	NLHS250Y50
						Blue	NLHS250BU50
						Green	NLHS250G50

Starting size (mm)	Before Ø D (mm)	After Ø d (mm)	Packing	Weight kg/Roll	Item	Color	Order code
Ø25.0	26.00±0.50	12,5	50m/Roll	2,43	NLHS 25/12.5	White	NLHS250W50
						Clear	NLHS250CLR50
						Brown	NLHS250BN50
						Grey	NLHS250GR50
						Yellow/Green	NLHS250YG50
Ø28.0	29.00±0.50	14	50m/Roll	2,70	NLHS 28/14	Black	NLHS280B50
						Red	NLHS280R50
						Yellow	NLHS280Y50
						Blue	NLHS280BU50
						Green	NLHS280G50
						White	NLHS280W50
						Clear	NLHS280CLR50
						Brown	NLHS280BN50
						Grey	NLHS280GR50
						Yellow/Green	NLHS280YG50
						Black	NLHS300B50
Ø30.0	31.50±1.00	15	50m/Roll	2,94	NLHS 30/15	Red	NLHS300R50
						Yellow	NLHS300Y50
						Blue	NLHS300BU50
						Green	NLHS300G50
						White	NLHS300W50
						Clear	NLHS300CLR50
						Brown	NLHS300BN50
						Grey	NLHS300GR50
						Yellow/Green	NLHS300YG50
						Black	NLHS350B50
						Red	NLHS350R50
Ø35.0	36.50±1.00	17,5	50m/Roll	3,40	NLHS 35/17.5	Yellow	NLHS350Y50
						Blue	NLHS350BU50
						Green	NLHS350G50
						White	NLHS350W50
						Clear	NLHS350CLR50
						Brown	NLHS350BN50
						Grey	NLHS350GR50
						Yellow/Green	NLHS350YG50
						Black	NLHS400B50
						Red	NLHS400R50
						Yellow	NLHS400Y50
Ø40.0	41.50±1.00	20	50m/Roll	4,30	NLHS 40/20	Blue	NLHS400BU50
						Green	NLHS400G50
						White	NLHS400W50
						Clear	NLHS400CLR50
						Brown	NLHS400BN50
						Grey	NLHS400GR50
						Yellow/Green	NLHS400YG50
						Black	NLHS450B25
						Red	NLHS450R25
						Yellow	NLHS450Y25
						Blue	NLHS450BU25
Ø45.0	46.50±1.00	22,5	25m/Roll	2,40	NLHS 45/22.5	Green	NLHS450G25
						White	NLHS450W25
						Clear	NLHS450CLR25
						Brown	NLHS450BN25
						Grey	NLHS450GR25
						Yellow/Green	NLHS450YG25
						Black	NLHS500B25
						Red	NLHS500R25
						Yellow	NLHS500Y25
						Blue	NLHS500BU25
						Green	NLHS500G25
Ø50.0	≥50.00	25	25m/Roll	2,68	NLHS 50/25	White	NLHS500W25
						Clear	NLHS500CLR25
						Brown	NLHS500BN25
						Grey	NLHS500GR25
						Yellow/Green	NLHS500YG25
						Black	NLHS600B25
						Red	NLHS600R25
						Yellow	NLHS600Y25
						Blue	NLHS600BU25
						Green	NLHS600G25
						Black	NLHS600B25

HEAT-SHRINK TUBING NLHS IN ROLLS

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Starting size (mm)	Before Ø D (mm)	After Ø d (mm)	Packing	Weight kg/Roll	Item	Color	Order code
Ø60.0	≥60.00	30	25m/Roll	3,53	NLHS 60/30	White	NLHS600W25
						Clear	NLHS600CLR25
						Brown	NLHS600BN25
						Grey	NLHS600GR25
						Yellow/Green	NLHS600YG25
Ø70.0	≥70.00	35	25m/Roll	4,10	NLHS 70/35	Black	NLHS700B25
						Red	NLHS700R25
						Yellow	NLHS700Y25
						Blue	NLHS700BU25
						Green	NLHS700G25
						White	NLHS700W25
						Clear	NLHS700CLR25
						Brown	NLHS700BN25
						Grey	NLHS700GR25
						Yellow/Green	NLHS700YG25
Ø80.0	≥80.00	40	25m/Roll	4,67	NLHS 80/40	Black	NLHS800B25
						Red	NLHS800R25
						Yellow	NLHS800Y25
						Blue	NLHS800BU25
						Green	NLHS800G25
						White	NLHS800W25
						Clear	NLHS800CLR25
						Brown	NLHS800BN25
						Grey	NLHS800GR25
						Yellow/Green	NLHS800YG25
Ø90.0	≥90.00	45	25m/Roll	5,20	NLHS 90/45	Black	NLHS900B25
						Red	NLHS900R25
						Yellow	NLHS900Y25
						Blue	NLHS900BU25
						Green	NLHS900G25
						White	NLHS900W25
						Clear	NLHS900CLR25
						Brown	NLHS900BN25
						Grey	NLHS900GR25
						Yellow/Green	NLHS900YG25
Ø100	≥100.00	50	25m/Roll	6,30	NLHS 100/50	Black	NLHS1000B25
						Red	NLHS1000R25
						Yellow	NLHS1000Y25
						Blue	NLHS1000BU25
						Green	NLHS1000G25
						White	NLHS1000W25
						Clear	NLHS1000CLR25
						Brown	NLHS1000BN25
						Grey	NLHS1000GR25
						Yellow/Green	NLHS1000YG25
Ø120	≥120.00	60	25m/Roll	8,80	NLHS 120/60	Black	NLHS1200B25
						Red	NLHS1200R25
						Yellow	NLHS1200Y25
						Blue	NLHS1200BU25
						Green	NLHS1200G25
						White	NLHS1200W25
						Clear	NLHS1200CLR25
						Brown	NLHS1200BN25
						Grey	NLHS1200GR25
						Yellow/Green	NLHS1200YG25
Ø150	≥150.00	75	25m/Roll	11,00	NLHS 150/75	Black	NLHS1500B25
						Red	NLHS1500R25
						Yellow	NLHS1500Y25
						Blue	NLHS1500BU25
						Green	NLHS1500G25
						White	NLHS1500W25
						Clear	NLHS1500CLR25
						Brown	NLHS1500BN25
						Grey	NLHS1500GR25
						Yellow/Green	NLHS1500YG25

NLHS THIN WALL HALOGEN-FREE HEAT-SHRINK TUBING



Items available in different sizes
and colors **IN BOXES:**

Shrink ratio	Operating temp.	Shrink temp.
2:1	-55°C – 135°C	80°

Single Wall Polyolefin
AMS/DTL/23053-5 CLASS1

**RoHS compliant, CSA
and UL tested**

Flame retardant, flexible
Meet SAE-AMS-DTL

Available colors		
	Black	B
	Yellow	Y
	Clear	CLR
	White	W
	Blue	BU
	Green	G
	Brown	BN
	Red	R
	Grey	GR
	Yellow/Green	YG

*Other colors and
lengths upon request.*

DIMENSIONS



Starting size (mm)	Before Ø D (mm)	After Ø d (mm)	Packing	Weight kg/Roll	Item	Color	Order code
Ø1.6	1,6	0,8	15m/Box	0,13	NLHS 1.6/0.8	 Black	NLHS16B15
						 Red	NLHS16R15
						 Yellow	NLHS16Y15
						 Blue	NLHS16BU15
						 Green	NLHS16G15
						 White	NLHS16W15
						 Clear	NLHS16CLR15
						 Brown	NLHS16BN15
						 Grey	NLHS16GR15
						 Yellow/Green	NLHS16YG15
Ø2.4	2,4	1,2	13m/Box	0,15	NLHS 2.4/1.2	 Black	NLHS24B13
						 Red	NLHS24R13
						 Yellow	NLHS24Y13
						 Blue	NLHS24BU13
						 Green	NLHS24G13
						 White	NLHS24W13
						 Clear	NLHS24CLR13
						 Brown	NLHS24BN13
						 Grey	NLHS24GR13
						 Yellow/Green	NLHS24YG13
3,2	3,2	1,6	12m/Box	0,14	NLHS 3.2/1.6	 Black	NLHS32B12
						 Red	NLHS32R12
						 Yellow	NLHS32Y12
						Blue	NLHS32BU12
						Green	NLHS32G12
						White	NLHS32W12
						Clear	NLHS32CLR12
						Brown	NLHS32BN12
						Grey	NLHS32GR12
						Yellow/Green	NLHS32YG12
Ø4.8	4,8	2,4	11m/Box	0,14	NLHS 4.8/2.4	Black	NLHS48B11
						Red	NLHS48R11
						Yellow	NLHS48Y11
						Blue	NLHS48BU11
						Green	NLHS48G11

HEAT-SHRINK TUBING NLHS IN BOXES

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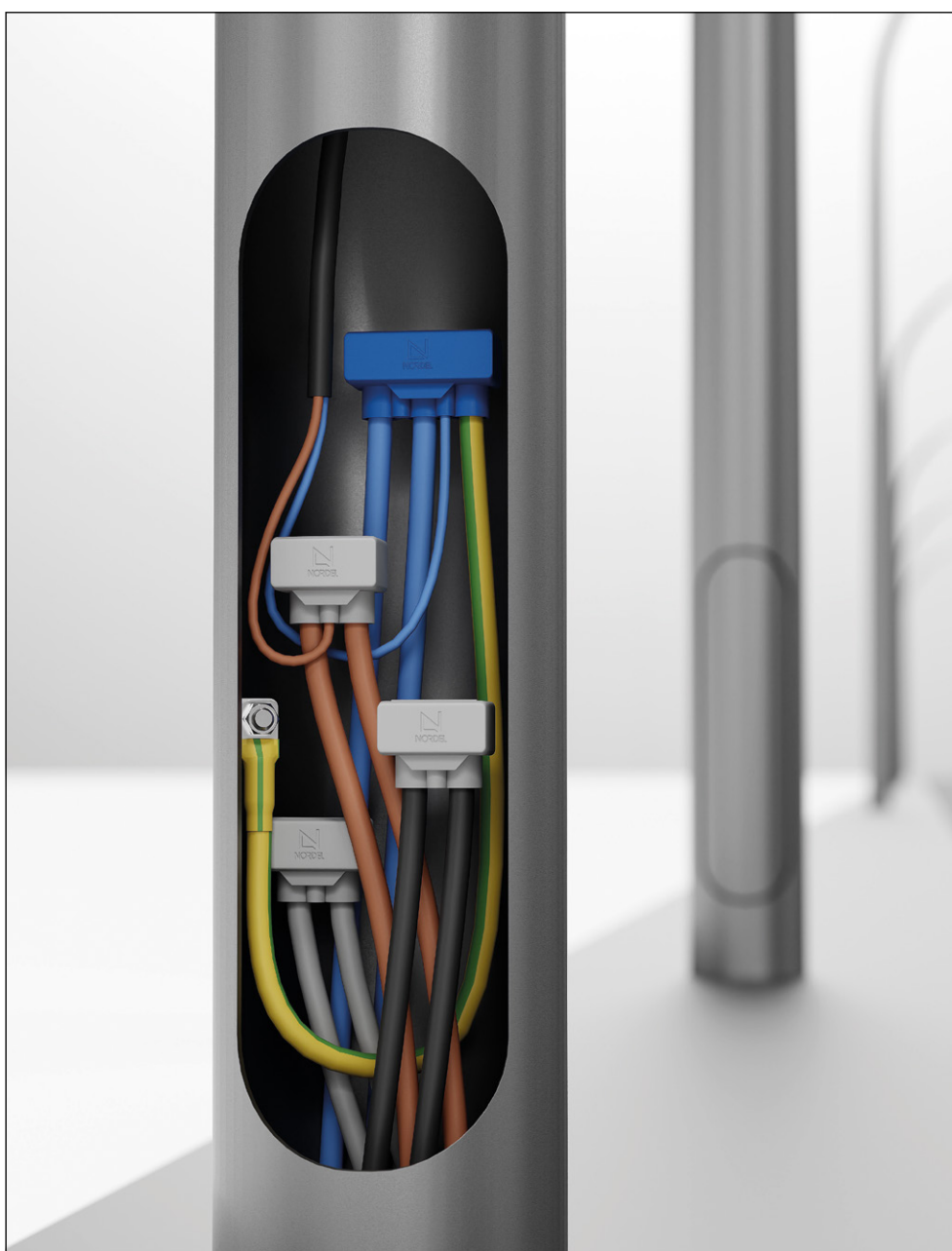
Starting size (mm)	Before Ø D (mm)	After Ø d (mm)	Packing	Weight kg/Roll	Item	Color	Order code
Ø4.8	4,8	2,4	11m/Box	0,14	NLHS 4.8/2.4	White	NLHS48W11
						Clear	NLHS48CLR11
						Brown	NLHS48BN11
						Grey	NLHS48GR11
						Yellow/Green	NLHS48YG11
Ø6.4	6,4	3,2	10m/Box	0,17	NLHS 6.4/3.2	Black	NLHS64B10
						Red	NLHS64R10
						Yellow	NLHS64Y10
						Blue	NLHS64BU10
						Green	NLHS64G10
						White	NLHS64W10
						Clear	NLHS64CLR10
						Brown	NLHS64BN10
						Grey	NLHS64GR10
						Yellow/Green	NLHS64YG10
Ø9.5	9,5	4,8	7m/Box	0,18	NLHS 9.5/4.8	Black	NLHS95B7
						Red	NLHS95R7
						Yellow	NLHS95Y7
						Blue	NLHS95BU7
						Green	NLHS95G7
						White	NLHS95W7
						Clear	NLHS95CLR7
						Brown	NLHS95BN7
						Grey	NLHS95GR7
						Yellow/Green	NLHS95YG7
Ø12.7	12,7	6,4	6m/Box	0,22	NLHS 12.7/6.4	Black	NLHS127B6
						Red	NLHS127R6
						Yellow	NLHS127Y6
						Blue	NLHS127BU6
						Green	NLHS127G6
						White	NLHS127W6
						Clear	NLHS127CLR6
						Brown	NLHS127BN6
						Grey	NLHS127GR6
						Yellow/Green	NLHS127YG6
Ø15.9	15,9	8	5m/Box	0,22	NLHS 15.9/8.0	Black	NLHS159B5
						Red	NLHS159R5
						Yellow	NLHS159Y5
						Blue	NLHS159BU5
						Green	NLHS159G5
						White	NLHS159W5
						Clear	NLHS159CLR5
						Brown	NLHS159BN5
						Grey	NLHS159GR5
						Yellow/Green	NLHS159YG5
Ø19.1	19,1	9,5	5m/Box	0,21	NLHS 19.1/9.5	Black	NLHS191B5
						Red	NLHS191R5
						Yellow	NLHS191Y5
						Blue	NLHS191BU5
						Green	NLHS191G5
						White	NLHS191W5
						Clear	NLHS191CLR5
						Brown	NLHS191BN5
						Grey	NLHS191GR5
						Yellow/Green	NLHS191YG5
Ø25.4	25,4	12,7	4m/Box	0,29	NLHS 25.4/12.7	Black	NLHS254B4
						Red	NLHS254R4
						Yellow	NLHS254Y4
						Blue	NLHS254BU4
						Green	NLHS254G4
						White	NLHS254W4
						Clear	NLHS254CLR4
						Brown	NLHS254BN4
						Grey	NLHS254GR4
						Yellow/Green	NLHS254YG4

Certified according to standards:
EN 61238-1 and EN 60947-7-1

1000V AC/DC
Bimetal (Al/Cu)

Halogen free, UL94 V-0
Nickel-plated contacting surfaces

CLASS A



LIGHTING POLE BRANCHING CONNECTORS NLPT

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NORDEL lighting pole branching connectors NLPT are suitable for all types of copper or aluminum conductors with cross-sections up to 50 mm² (Al) / 35 mm² (Cu). Multiple copper wires can be placed to the blocks according to the respective terminal type. IP protection class for connectors is IP23. Insulation made of halogen free polyamide (PA).

NLPT branching connectors come in 2, 3, 4 and 6 terminal sizes and are equipped with additional connection points for connecting small (1,5 – 6 mm²) conductors (e.g. LED lights).

NLPT branching connectors are tested and certified by the following standards:

EN 60947-7-1:2009 and EN 61238-1:2003

Materials		
Body insulation	Contact block	Tightening screws
Polyamide (PA), halogen free, UL94 V-0	Nickel-plated aluminum (suitable for Al/Cu conductors)	Zinc-plated steel



NLPT2

Color	Art. No.
Grey	NLPT2G
Blue	NLPT2N

Conductor cross-section Cu (mm ²)	Conductor cross-section Al (mm ²)	Nominal voltage (V)	Nominal current Cu/Al (A)	W / H / L (mm)	Screw / hexagonal key (AV)	Tightening torque (Nm)			Weight (g)
2 x (2,5 - 50) + 1 x 1,5 - 6	2 x (16 - 50)	1000	145 / 135	39 / 31 / 30	5 / 3	4 Nm (2,5-16 mm ²)	9 Nm (25-50 mm ²)	2 Nm (1,5-6 mm ²)	38

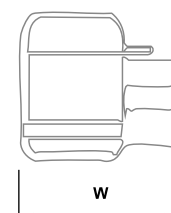
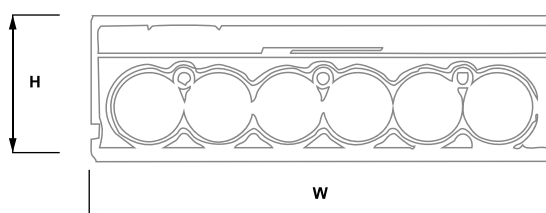
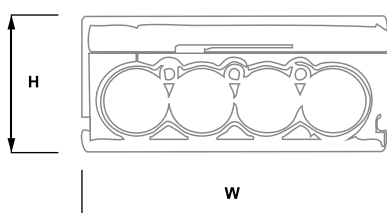


NLPT3

Color	Art. No.
Grey	NLPT3G
Blue	NLPT3N

Conductor cross-section Cu (mm ²)	Conductor cross-section Al (mm ²)	Nominal voltage (V)	Nominal current Cu/Al (A)	W / H / L (mm)	Screw / hexagonal key (AV)	Tightening torque (Nm)			Weight (g)
3 x (2,5 - 50) + 2 x (1,5 - 6)	3 x (16 - 50)	1000	145 / 135	56 / 31 / 30	5 / 3	4 Nm (2,5-16 mm ²)	9 Nm (25-50 mm ²)	2 Nm (1,5-6 mm ²)	53

DIMENSIONS





NLPT4

Color	Art. No.
 Grey	NLPT4G
 Blue	NLPT4N

Conductor cross-section Cu (mm ²)	Conductor cross-section Al (mm ²)	Nominal voltage (V)	Nominal current Cu/Al (A)	W / H / L (mm)	Screw / hexagonal key (AV)	Tightening torque (Nm)			Weight (g)
4 x (2,5 - 50) + 3 x (1,5 - 6)	4 x (10 - 50)	1000	145 / 135	61 / 28 / 30	5 / 3	4 Nm (2,5-16 mm ²)	9 Nm (25-50 mm ²)	2 Nm (1,5-6 mm ²)	64

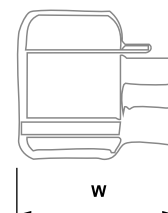
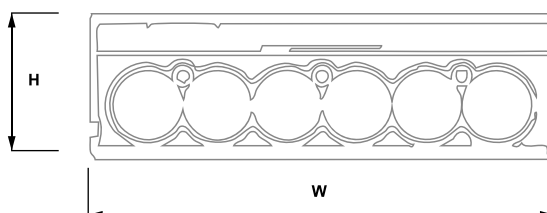
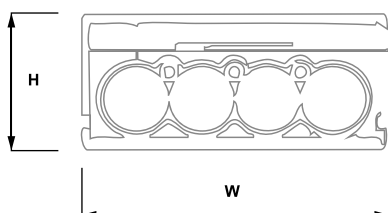


NLPT6

Color	Art. No.
 Grey	NLPT6G
 Blue	NLPT6N

Conductor cross-section Cu (mm ²)	Conductor cross-section Al (mm ²)	Nominal voltage (V)	Nominal current Cu/Al (A)	W / H / L (mm)	Screw / hexagonal key (AV)	Tightening torque (Nm)			Weight (g)
6 x (2,5 - 50) + 3 x (1,5 - 6)	6 x (10 - 50)	1000	145 / 135	87 / 28 / 30	5 / 3	4 Nm (2,5-16 mm ²)	9 Nm (25-50 mm ²)	2 Nm (1,5-6 mm ²)	76

DIMENSIONS



LIGHTING POLE BRANCHING CONNECTORS NLP

CONNECTOR KITS NLPT-SET

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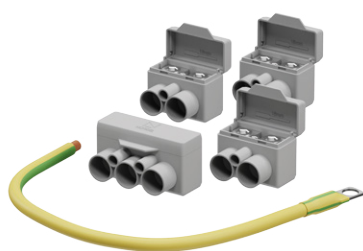
NORDEL NLPT-SET branching connector kits include connectors for 4 or 5 cable pole systems, 360 mm / 16 mm² green/yellow grounding cable with M8 cable lug.

NLPT-SET kits are designed for fast and easy lightning pole connection installations.

NLPT branching connectors are tested and certified by the following standards:

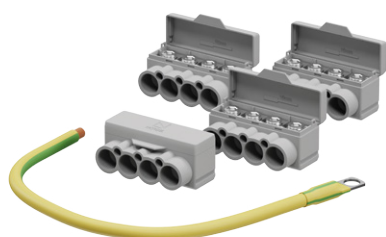
EN 60947-7-1:2009 and EN 61238-1:2003

Materials		
Body insulation	Contact block	Tightening screws
Polyamide (PA), halogen free, UL94 V-0	Nickel-plated aluminum (suitable for Al/Cu conductors)	Zinc-plated steel



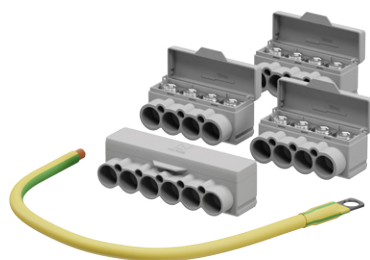
NLPT-SET3

Included in the kit			Nominal voltage (V)	Nominal current Cu/Al (A)	Weight (g)
1 x NLPT3G	3 x NLPT2G	360 mm Green/yellow 16 mm ² Cu wire with lug M8	1000	145 / 135	200



NLPT-SET4

Included in the kit		Nominal voltage (V)	Nominal current Cu/Al (A)	Weight (g)
4 x NLPT4G	360 mm Green/yellow 16 mm ² Cu wire with lug M8	1000	145 / 135	270



NLPT-SET6

Included in the kit			Nominal voltage (V)	Nominal current Cu/Al (A)	Weight (g)
1 x NLPT6G	3 x NLPT4G	360 mm Green/yellow 16 mm ² Cu wire with lug M8	1000	145 / 135	340

NORDEL's LED cabinet lamps incorporate leading electrical panel lighting technologies.

Wide operating voltage range:

- 24-26VAC/DC (min. 24V, max. 26V)
- 48-265VAC/DC (min. 48V, max. 265V)

Motion IR sensor or switch
ON/OFF available

450+ Lumens light emission power

Protection class	Fixing	Service life
IP20 / II (Double Insulated)	magnets or / and screw	60 000 h.





LED Cabinet Lamp
NLMPL05230

Operating Voltage	Service Life	Protection Class
48-265VAC/DC(min. 48V, max. 265V)	60,000h at 20°C (68°F)	IP20 / II (Double Insulated)

Art. No.	Fixing Type	Power consumption
NLMPL05230	Magnet fixing	max. 5W



LED Cabinet Lamp
NLMPL05024

Operating Voltage	Service Life	Protection Class
24-26V AC/DC (min. 24V, max. 26V)	60,000h at 20°C (68°F)	IP20 / II (Double Insulated)

Art. No.	Fixing Type	Power consumption
NLMPL05024	Magnet fixing	max. 5W



LED PIR Cabinet Lamp
NLMPL05230IR

Operating Voltage	Service Life	Protection Class
110-220V AC/DC (min. 110V, max. 265V)	60,000h at 20°C (68°F)	IP20 / II (Double Insulated)

Art. No.	Fixing Type	Power consumption
NLMPL05230IR	Magnet fixing	max. 5W



LED Cabinet Lamp
NLMPL04265

Operating Voltage	Service Life	Protection Class
48-265VAC/DC(min. 48V, max. 265V)	60,000h at 20°C (68°F)	IP20 / II (Double Insulated)

Art. No.	Fixing Type	Power consumption
NLMPL04265	Magnet+Screw fixing	max. 5W



LED PIR Cabinet Lamp
NLMPL04265IR

Operating Voltage	Service Life	Protection Class
48-265VAC/DC(min. 48V, max. 265V)	60,000h at 20°C (68°F)	IP20 / II (Double Insulated)

Art. No.	Fixing Type	Power consumption
NLMPL04265IR	Magnet+Screw fixing	max. 5W

Modular sockets allow the connection of devices, tools or electrical and electronic non modular equipment in civil and industrial electrical switchboards.

NORDEL sockets are supporting electrical components installed indoor of modular terminal combination electric appliance, can also be installed in other sets of electrical box, can plug in the electrical equipment. Suitable for DIN rail socket mounting, can be used in conjunction with other modular electrical appliances with good contact reliability.

NORDEL modular sockets have local quality approvals, attesting their conformity with applicable regulations. Versions with IP30 protective covers available.



Din Rail Modular Socket
NLDS16AFR



Packing			
Box	Weight	Size (mm)	Quantity (pcs)
Mid-Box	G.W.: 430 G	230 x 80 x 75	5
Outer	G.W.: 11KGS N.W.: 10KGS	430 x 240 x 330	100

Voltage	Current	Weight (g)	Plug	IP Class	Protection	Approvals	Housing	Assembly
250V ~ 50Hz	16A	102	Type C, Type E (France)	IP20	Protection shutters	CE	PA66 Plastic	35mm DIN rail



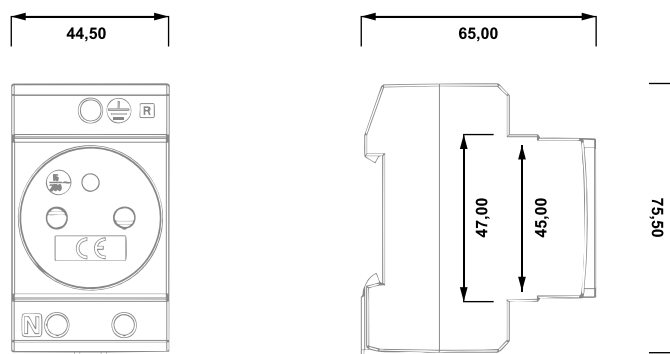
Din Rail Modular Socket
NLDS16ASC



Packing			
Box	Weight	Size (mm)	Quantity (pcs)
Mid-Box	G.W.: 430 G	230 x 80 x 75	5
Outer	G.W.: 11KGS N.W.: 10KGS	430 x 240 x 330	100

Voltage	Current	Weight (g)	Plug	IP Class	Protection	Approvals	Housing	Assembly
250V ~ 50Hz	16A	94	Type F (Schuko: Germany, EU)	IP20	Protection shutters	CE	PA66 Plastic	35mm DIN rail

DIMENSIONS (mm)



DIN RAIL MODULAR SOCKET

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Din Rail Modular Socket
NLDS16ASC-C



Packing			
Box	Weight	Size (mm)	Quantity (pcs)
Mid-Box	G.W.: 430 G	230 x 80 x 75	5
Outer	G.W.: 11KGS N.W.: 10KGS	430 x 240 x 330	100

Voltage	Current	Weight (g)	Plug	IP Class	Protection	Approvals	Housing	Assembly
250V ~ 50Hz	16A	100	Type F (Schuko: Germany, EU)	IP30 (when cover closed)	Protection shutters with cover	CE	PA66 Plastic	35mm DIN rail



Din Rail Modular Socket
NLDS16ASC-TC



Packing			
Box	Weight	Size (mm)	Quantity (pcs)
Mid-Box	G.W.: 430 G	230 x 80 x 75	5
Outer	G.W.: 11KGS N.W.: 10KGS	430 x 240 x 330	100

Voltage	Current	Weight (g)	Plug	IP Class	Protection	Approvals	Housing	Assembly
250V ~ 50Hz	16A	100	Type F (Schuko: Germany, EU)	IP30 (when cover closed)	Protection shutters with transparent cover	CE	PA66 Plastic	35mm DIN rail



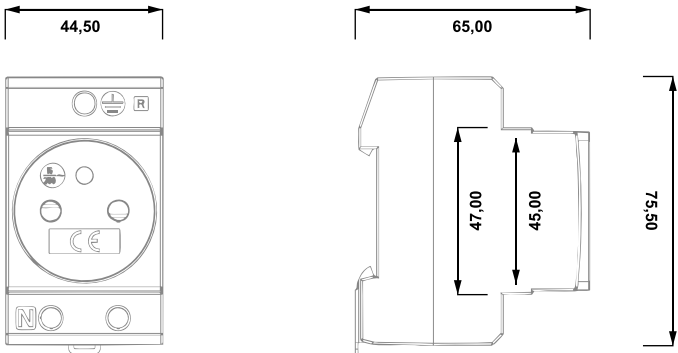
Din Rail Modular Socket
NLDS13AUK

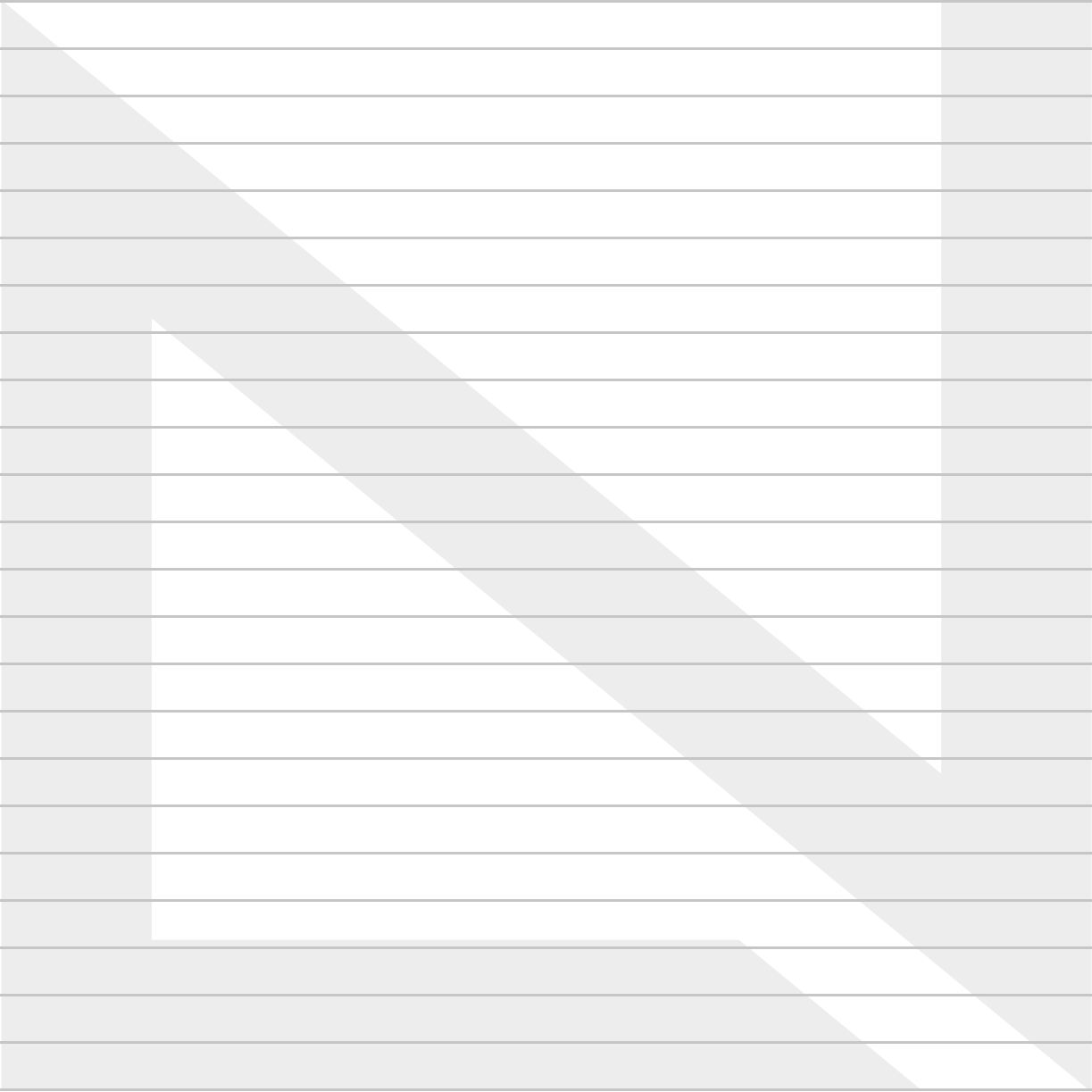


Packing			
Box	Weight	Size (mm)	Quantity (pcs)
Mid-Box	G.W.: 430 G	230 x 80 x 75	5
Outer	G.W.: 11KGS N.W.: 10KGS	430 x 240 x 330	100

Voltage	Current	Weight (g)	Plug	IP Class	Protection	Approvals	Housing	Assembly
250V ~ 50Hz	13A	98	Type G (UK)	IP20	Protection shutters	CE	PA66 Plastic	35mm DIN rail

DIMENSIONS
(mm)





A series of horizontal lines for taking notes, with a large, light gray, stylized 'N' watermark in the center.



