

NR 120 BB - 120 mm²
 HIGH CURRENT TERMINAL BLOCK
 CONNECTION: BAR-BAR



The strong current terminal block NR series, with cross sections from 35 to 185 mm², has insulating frames made by polyamide with self-extinguish rate UL 94-V0; brass made components and high resistance steel parts guarantee a long-lasting performance both for the correct electrical contact and the DIN 60715 rail grip system.

TECHINCAL DATA

Additional dimension and weight

Thickness	42 mm	Net weight	180 g
Bar support surface	22x22 mm		

Rated data in compliance with IEC 947-7-1 Standard

Cross section	120 mm ²	Rated impulse withstand voltage	6 KV
Current	269 A	Test impulse voltage	3,5 KV
Current at maximum wires	382 A	Pollution degree	3
Voltage	1.600 V	Comparative tracking index	CTI ≥600

Rated data in compliance with UL 1059 Standard

Cross section	-	Voltage	-
Current	-		

Rated data in compliance with CSA 22.2 Standard

Cross section	-	Voltage	-
Current	-		

Conductors for clamping

Connection range, solid wire	35 ÷ 120 mm ²	Spanner	CH 17
Connectable conductors	cable lug, copper bar	Tightening torque	36 Nm
Connection mode	bolt connection	Cable lug	DIN 46234, DIN 46235
Screw (UNI 5739 cl. 8.8)	M 10x20		

Working temperatures

Continuous operating temperature, min.	- 40 °C	Continuous operating temperature, max.	+ 110 °C
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Additional features

End plate	no	Connection direction	by side
Partition plate	yes	Connecting points per level	2
Insulating protecting guard	yes	Number of levels	1
Insulating protection	no	Mounting rails DIN 60715	PU 30 □
Conducting body	OT galvanic tin plated	Clamping system on DIN 60715 rail	with screw

Insulating housing

Material type	PA 66	Colour	beige
UL 94 flammability rating	V0 halogen and phosphorus free		




Electrical drawing



Ordering data

Colour:	<input type="checkbox"/> beige	CODE	NR 120 BB	STD. PACKAGE PCS	15
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ACCESSORIES

Ordering data				CODE	STD. PACKAGE	PCS
	SEPARATING PLATE Identical for NR 35 - 70 - 95 - 120.	<input type="checkbox"/>	beige	DR 95	-	-
	INSULATING PROTECTING GUARD	<input type="checkbox"/>	beige	CIP 95	-	-
	TAG HOLDER	<input type="checkbox"/>	beige	PT	-	-
	CROSS CONNECTOR			2 poles P 95/2 3 poles P 95/3	- -	- -
	MARKING SYSTEM	100 tags sheet	6x6,5 mm	white	TNU	5
		56 " sheet	10x5 mm	white	TNB	10
		56 " sheet	10x5 mm	yellow	TNG	10

Tags are available in neutral and marked versions: see their complete availability list on price list, in the "marking system" section.