

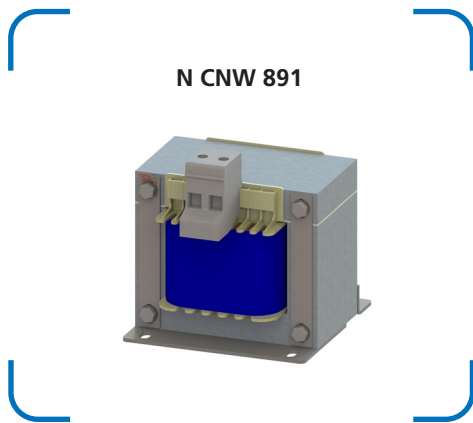
# N CNW 891

## Advantages

- Reduction of harmonic currents
- Damping of current peaks up to 70 %
- Compact design
- Advantages compared to the line choke:
  - Smaller size
  - Reduced material costs / price
  - Lower power dissipation
- Production according to UL insulation system E251513 possible

## Description

- Nominal voltage:  $U \leq 600$  V
- According to: EN 60289 / EN 61558
- Test voltage: L-PE 4000 V, AC/50 Hz, 60 s
- Insulation class: T40/F
- Protection class: IP 00
- Climate category: DIN IEC 60068-1
- Overload:  $1.5 \times I_{\text{Rated}}$  1 min/h
- Design: Mounted on brackets



N CNW 891

## Technical details

N CNW 891						
Type	Nominal voltage U [V]	Nominal current [A]	Inductance [mH]	Power dissipation [W]	Weight [kg]	Weight Cu [kg]
N CNW 891 / 8	600 50 / 60 Hz	8	9,4	14	1,4	0,3
N CNW 891 / 11		11	6,2	15	2	0,3
N CNW 891 / 15		15	4,8	20	2,8	0,6
N CNW 891 / 20	800 50 / 60 Hz	20	3,3	19	3,6	0,6
N CNW 891 / 28		28	2,4	22	3,6	0,8
N CNW 891 / 34		34	2,0	29	4,5	0,8
N CNW 891 / 40		40	1,6	31	7	1
N CNW 891 / 55		55	1,2	43	8	1,2
N CNW 891 / 70		70	0,98	49	10,5	1,4
N CNW 891 / 85		85	0,81	60	13,6	1,8
N CNW 891 / 100		100	0,67	70	14	2,5

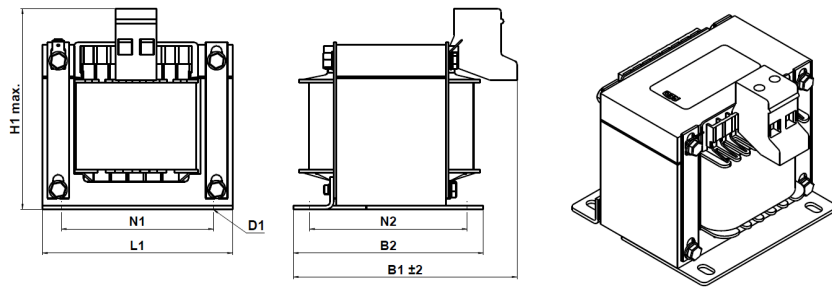


Typical applications: Drive systems for motor drives, mechanical engineering, elevators / escalators, pipes, conveyor technology, ventilation and air conditioning, robotics, automation technology, power supplies, wind turbines

# Dimensions in mm

N CNW 905												
Type	Length	Width		Height	Mounting			Connection			Design	
		L1 [mm]	B1 [mm]		B2 [mm]	N1 [mm]	N2 [mm]	D1 [mm x mm]	Clamps/ Cross section [mm <sup>2</sup> ]	PE		A1 [mm]
N CNW 891 / 8	84	76	62	80	64	48	5 x 8	2,5	Flat plug 6,3 x 0,8	-	1	
N CNW 891 / 11	84	90	76	80	64	62	5 x 8	2,5	Flat plug 6,3 x 0,8	-	1	
N CNW 891 / 15	96	95	88	85	84	72	6 x 11	2,5	Flat plug 6,3 x 0,8	-	1	
N CNW 891 / 20	96	138	102	85	84	85	6 x 11	10 (M5)	M5	40	2	
N CNW 891 / 28	96	138	102	85	84	85	6 x 11	16 (M5)	M5	40	2	
N CNW 891 / 34	105	138	105	95	84	87	6 x 11	16 (M5)	M5	40	2	
N CNW 891 / 40	120	155	120	105	90	105	6 x 11	16 (M6)	M6	45	2	
N CNW 891 / 55	150	138,5	107,5	135	122	87,5	7 x 13	16 (M6)	M6	45	2	
N CNW 891 / 70	150	159	124,5	135	122	104,5	7 x 13	25 (M8)	M6	45	2	
N CNW 891 / 85	150	185,5	150,5	135	122	130,5	7 x 13	25 (M8)	M6	45	2	
N CNW 891 / 100	174	162,5	121	150	135	101	7 x 13	35 (M8)	M8	50	2	

Design 1



Design 2

