



Three-phase dV/dt Limiting Filter

Type CNW 855/...

To simply limit the dV/dt may not be sufficient, particularly if the installation has to conform to IEC 34 - 17 and VDE 0530 standards, which specify that a general purpose motor, used with an inverter, should withstand voltage peaks of up to 1000V and dV/dt up to 500V/ μ s without any significant decrease in motor life. In most instances this can be achieved by installing a dV/dt limiting choke at the output of the inverter. This has to be effective in the common mode.

Voltage: 3 x 480V
 Switching frequency: 4 - 8 kHz
 Cable run; 0 -150 metres
 Earth leakage current: < 1mA



Typical Circuit

Typical Performance

Dimensions

Technical Information

Standards: IEC 950 / VDE 0565-3 / UL 1283
 Test Voltage: L-L 2100 VDC 1s / L-PE 2700 VDC 1s
 Overload: 1.5 x Rated Current for 1min/h
 Climatic rating: DIN IEC 68 Part 1 25/085/21

Type	Current [A]	Dimensions						Connections	
		B1 [mm]	D [mm]	H1 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	Input	Output
CNW 855/7	7	45	4	30	60	52	80	2	2
CNW 855/16	16	45	4	30	60	52	80	2	2
CNW 855/30	30	50	5	30	75	65	92	3	3
CNW 855/42	42	50	5	30	75	65	92	4	4
CNW 855/55	55	50	5	30	75	65	92	5	5
CNW 855/75	75	45	4	30	60	52	80	5	5
CNW 855/100	100	45	4	30	60	52	80	6	6
CNW 855/130	130	50	5	30	75	65	92	6	6
CNW 855/180	180	50	5	30	75	65	92	7	7