

Selection aids.

What's the problem?

Whatever the problem – our comprehensive range of SIDAC reactors and filters has a solution!

SIDAC filters	dv/dt filters	Sinewave filters	Sinewave radiated noise filters	Radio interference suppression filters	Output reactors with integrated radio interference suppression filters	Commutation reactors with integrated radio interference suppression filters
Reduction of load current peaks, output/input circuit	++	++	++	+	++	++
Reduction of voltage gradient dv/dt at the motor terminals	++	++	++	--	+	--
Limiting of overvoltage due to line reflection	++	++	++	--	--	--
Generation of sinusoidal motor terminal voltage and currents	--	++	++	--	--	--
Reduction of stray losses in the motor	--	++	++	--	--	--
Reduction of motor noise	--	++	++	--	--	--
Reduction of EMC problems between outer conductors (output/input)	--	++	++	++	++	++
Reduction of EMC problems between outer conductors and ground (output/input)	--	--	++	++	++	++
Use of unshielded motor cable possible	+	+	++	--	+	--
Reduction of commutation notches and limiting of the rate of current rise in the input circuit	--	--	--	+	--	++
Reduction of commutation reactive power	--	--	--	--	--	++
Attenuation of RFI voltages and reduction of high-frequency system perturbations	+	+	+	++	++	++
Reduction of mains-borne electromagnetic emission and its influence	++	++	++	++	++	++