

# Selection aids

**Which problem needs to be solved?  
With the comprehensive range of SIDAC reactor and filter components, a solution can always be found!**

<b>SIDAC reactors</b> AC drive systems	Output reactors	Commutation/ mains reactors	Output reactors with integrated radio inter- ference suppression filters	Commutating reactors with integrated radio interference suppression filters	Link reactors	Sintered metal reactors
Reduction of load current peaks, output/input circuit	++	++	++	++	--	++
Reduction of voltage gradient dv/dt at the motor terminals	+	--	+	--	--	--
Reduction of EMC problems between outer conductors (output/input)	--	+	++	++	--	++
Reduction of EMC problems between outer conductors and earth (output/input)	--	+	++	++	--	+
Use of unshielded motor cable also possible	+	--	+	--	--	--
Reduction of commutation notches and limiting of the rate of current rise in the input circuit	--	++	--	++	+	++
Reduction of commutation reactive power	--	++	--	++	+	++
Attenuation of radio interference volt- ages and reduction of high frequency circuit feedback	+	+	++	++	--	++
Reduction of mains-borne electro- magnetic emission and its influence	+	+	++	++	--	+