	Energy content (max.) for I_{dn}	Rated direct current (max. standard version)	Losses	DT	Core section of Order No.	Weight per PU approx.
	E	I_{dn}	P_{Al}			
	Ws	A	W			kg
4PK smoothing air-core reactors						
	380	1600	5500	X	on request	180.000
	940	3200	11000	X	on request	360.000
	740	1600	8200	X	on request	250.000
	1900	3200	16400	X	on request	500.000

Package sizes for reactors; 1 item, i.e. 1 item or a multiple thereof can be ordered.

A reactor is selected according to the required energy content E, which is determined from the desired inductance and rated direct current I_{dn}. Due to the design of the reactors, each has a specific maximum value for the rated direct current I_{dn} (See "Selection and ordering data" table).

The "Selection and ordering data" table provides an overview of the range of reactors.

If you are interested in any of our products or need further assistance, please copy the query page provided under "Specification sheets". Enter the parameters of your specific requirement profile and send it to the address provided.

We will get back to you as soon as possible.

Note:

This query page is also available on our home page at http://www.siemens.com/sidac

SIDAC Specification Sheets

Query

Specification sheet for customised smoothing reactors, selectable inductance and current

Recipient

mdexx
Magnetronic Devices GmbH & Co. KG
Fax: +49 421 5125-333
Tel: +49 421 5125-528/-616/-644
E-mail: MD_Inquiry.aud@siemens.com

Sender

Date: _____

Company: _____
Department: _____
Name: _____
City: _____
Tel: _____
Fax: _____
E-mail: _____

Application:

☐ Smoothing reactors with selectable inductance and current

Please specify all currents and voltages as r.m.s. values!

	Iron-core smoothing reactors	Iron-core smoothing reactors	Smoothing air-core reactors
	$I_x = I_{dn}$ $L_x = L_0$	$I_x > I_{dn}$ $L_x \leq L_0$	
Rated direct current I_{dn} [A]			
Inductance [mH] for I_{dn}		_____	
Inductance L_x [mH] for I_x (I_{max})	_____		_____
Inductance L_0 [mH] for I_d = 0A	_____		_____
Connection of converter			
No-load voltage of converter U_{di} [V]			
Line frequency f [Hz]			
Ambient temperature			
Additional information [1)]	mandatory	mandatory	mandatory

1) If you have any special requirements with regard to degree of soiling, reference voltage for the rating of insulation, etc., please enter in the Comments box

Special features/comments:

Scheduled delivery date: _____ No. of items: _____ per annum/per order Target price: _____

Documents: ☐ Dimensional drawings ☐ Load cycle ☐ Electrical data of drive ☐ _____