

## Ordering Data for Variant Dependent Options

### External fuses and circuit breakers

The ECOFAST system incorporates a system fuse for 40 A.

In the case of single inverter applications, the fuses or circuit breakers listed in the following table can be used for cable and wiring protection.

### Use of MICROMASTER 4 input chokes

Inverters generate non-sinusoidal harmonics. The amplitudes of these harmonics can be reduced with input chokes.

If the line impedance is < 1 %, an input choke is necessary. Use of standard MICROMASTER 4 input chokes is recommended for this (see Catalog DA 51.2). The choke must be installed in a housing in accordance with the necessary ambient conditions.

	Rated output	Case size (inverter)	Order No. of the options	
	kW		<b>Fuse</b> (see Catalog LV 10)	<b>Circuit breaker</b> (see Catalog LV 10)
<b>Mains operating voltage 380 V to 480 V 3 AC</b>				
<b>MICROMASTER 411 ECOFAST/ COMBIMASTER 411 ECOFAST without filter</b>	0.37	B	<b>3NA3803</b>	<b>3RV1021-1CA10</b>
	0.55	B		<b>3RV1021-1DA10</b>
	0.75	B		<b>3RV1021-1EA10</b>
	1.1	B		<b>3RV1021-1GA10</b>
	1.5	B		<b>3RV1021-1HA10</b>
	2.2	C	<b>3NA3805</b>	<b>3RV1021-1JA10</b>
	3.0	C		<b>3RV1021-1KA10</b>
<b>MICROMASTER 411 ECOFAST/ COMBIMASTER 411 ECOFAST with filter class B</b>	0.37	B	<b>3NA3803</b>	<b>3RV1021-1CA10</b>
	0.55	B		<b>3RV1021-1DA10</b>
	0.75	B		<b>3RV1021-1EA10</b>
	1.1	B		<b>3RV1021-1GA10</b>
	1.5	B		<b>3RV1021-1HA10</b>
	2.2	C	<b>3NA3805</b>	<b>3RV1021-1JA10</b>
	3.0	C		<b>3RV1021-1KA10</b>