

## Recommended external fuses

series	VAC-input				
	93-138 1ph	185-264 1ph	160-230 3ph	320-460 3ph	400-530 3ph
PC5200	----	----	25A	20A	20A
PC5300	----	----	35A	20A	20A
PC5400	----	----	50A	20A	20A
PC5600	100A	50A	35A	20A	20A
PC5700	160A	80A	50A	20A	20A
PC5800	200A	100A	63A	20A	20A

No fuse within the converter.

Recommended values for external fuse elements = characteristic slow blowing.

Circuit breakers (MCB) = characteristic slow blowing should have 1-2 values higher rating

## Efficiency

VAC-input		reduction	
1ph	3ph		
86%	87%		
87%	88%		
89%	90%	output	11-16VDC 6-5%
91%	92%	Option E, R	23-68VDC 3-2%
			100-250VDC 1-0,5%

The above are typical values measured at nominal data under full load. They are randomly taken from app. 400 standard types and, therefore, are only average values.

The exact value per type can be given upon request.

Built-in options can decrease the degree of efficiency and increase the power dissipation to the above reduction rates: