

## TECHNICAL APPENDIX

### Mains Fuses, Connected Wattage

TYPE RANGE	TYPE RANGE	VOLTAGE RANGE	EFFICIENCY	MAINS FUSE (AUTOMATEN)
NTN	4.200	6,5V upto20V	typ. 70-80%	25A
	7.000	6,5V upto 20V		25A
	10.500	6,5V upto20V		32A
	14.000	6,5V upto 20V		32A
	21.000	6,5V upto20V		50A
	28.000	6,5V upto 20V		80A
	35.000	6,5V upto20V		80A
	50.000	6,5V upto 20V		160A
	4.200	35V upto 350V	typ. 90%	25A
	7.000	35V upto 350V		25A
	10.500	35V upto 350V		32A
	14.000	35V upto 350V		32A
	21.000	35V upto 350V		63A
	28.000	35V upto 350V		100A
	35.000	35V upto 350V		80A
	50.000	35V upto 350V		160A
NYN / MYN / HYN	7.000	All	typ. 86-93%	20A
	10.500	All		25A
	14.000	All		50A
	21.000	All		50A
	28.000	All		63A
	35.000	All		80A
	50.000	All		100A
	70.000	All		160A
100.000	All	200A		
NCA / MCA	3.000	All	typ. 85%	10A
	6.000	All		16A
	9.000	All		20A
MCP	2.800	All	typ. 90%	6A
	4.200	All		10A
	5.000	All		16A
	10.000	All		25A
	15.000	All		35A
HCP	2.800	All	typ. 90%	6A
	4.200	All		10A
	5.000	All		16A
	10.000	All		25A
	15.000	All		35A
HCH	10.000	All	typ 85%	32A
	15.000	All		50A
	20.000	All		63A
	30.000	All		100A
	40.000	All		125A
	50.000	All		160A
	1.600	All		10A
HCK	2.500	All	typ 85%	16A
	5.000	All		32A
	10.000	All		63A
	20.000	All		125A
	20.000	All		125A

For design of your electricity supply please provide the next higher rated value of the main fuses used inside the unit. For external fuses use such with delayed action. When circuit breakers are used, we recommend "G" or "K" characteristic.