

Modular system

Power supply units IndraDrive M - HMV



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Power supply units ■ IndraDrive M - HMV**Documentation**

- Operating instructions
- Project planning manual

Technical data

		HMV01.1E-W0030	HMV01.1E-W0075	HMV01.1E-W0120	HMV01.1R-W0018
Performance data					
Input voltage	[V]	3 x AC 380...480 V			
Tolerance	[%]	± 10 %			
Frequency		50...60 Hz			
Frequency tolerance	[Hz]	± 2 Hz			
Continuous current mains input	[A]	51	125	0	26
Power dependency from the supply voltage	$U_{LN} < 400 \text{ V}$	1% power reduction per 4 V			
	$U_{LN} > 400 \text{ V}$	1% power gain per 5 V			No power gain
Intermediate circuit					
Continuous power with choke	[kW]	30	75	120	18
Max. power with choke	[kW]	45	112.5	180	45
Continuous power without choke	[kW]	18	45	72	0
Max. power without choke	[kW]	45	112.5	180	0
Output voltage	[V]	DC 435...710 V			DC 750 V
Intermediate circuit capacity	[mF]	1.41	3.76	5.64	0.705
DC bus voltage	[V] DC	Mains connection voltage x 1.41			750 V, regulated
Brake chopper / resistor					
Braking energy consumption	[kWs]	100	250	500	80
Continuous braking power	[kW]	1.5	2	2.5	0.4
Maximum braking power	[kW]	36	90	130	36
Control voltage					
Control voltage	External	24V ± 5 %			

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Power consumption without control unit and motor brake	[W]	25	30	55	31
Protection					
EMC		EN 61800-3 [↔]			
Cooling type		Air cooling			
Norms and Standards					
Certification		EN 61800-5-1 [↔] UL 508 C [↔]			
Weight					
Weight	[kg]	13.5	22	32	13.5
		HMV01.1R-W0045	HMV01.1R-W0065	HMV01.1R-W0120	HMV02.1R-W0015
Performance data					
Input voltage	[V]	3 x AC 380...480 V			
Tolerance	[%]	± 10 %			
Frequency		50...60 Hz			
Frequency tolerance	[Hz]	± 2 Hz			
Continuous current mains input	[A]	65	94	181	23
Power dependency from the supply voltage	$U_{LN} < 400 \text{ V}$	1% power reduction per 4 V			
	$U_{LN} > 400 \text{ V}$	No power gain			
Intermediate circuit					
Continuous power with choke	[kW]	45	65	120	15
Max. power with choke	[kW]	112	162	180	30
Output voltage	[V]	DC 750 V			
Intermediate circuit capacity	[mF]	1.88	2.82	4.95	0.705
DC bus voltage	[V] DC	750 V, regulated			
Brake chopper / resistor					
Braking energy consumption	[kWs]	100	150	0	40
Continuous braking power	[kW]	0.4		0	0.3
Maximum braking power	[kW]	90	130	0	33
Control voltage					
Control voltage	External	24V ± 5 %			
Power consumption without control unit and motor brake	[W]	41	108	224	27
Protection					
EMC		EN 61800-3 [↔]			
Cooling type		Air cooling			
Norms and Standards					

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Certification		EN 61800-5-1 ↔ UL 508 C ↔			
Weight					
Weight	[kg]	20	31	34.5	9.5

Dimensions

		HMV01.1E- W0030	HMV01.1E- W0075	HMV01.1E- W0120	HMV01.1R- W0018
Dimensions					
Height H	[mm]	440	440	440	440
Width B	[mm]	150	250	350	175
Depth T	[mm]	262	262	262	262
		HMV01.1R- W0045	HMV01.1R- W0065	HMV01.1R- W0120	HMV02.1R- W0015
Dimensions					
Height H	[mm]	440	440	440	352
Width B	[mm]	250	350	350	150
Depth T	[mm]	262	262	262	205

Accessories**Auxiliary components**

Description		
Accessories	Brake units	HLB01
Accessories	Mains chokes	HNL01/02
Accessories	Mains filter	HNF01
Accessories	Capacity module	HLC01

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It must be remembered that our products are subject to a natural process of wear and aging.