

## Technical data

Size	1			2			3		4				
Current code	DIC-4-...-E-0000-03			002	004	006	007	009	014	017	025	032	040
<b>Motor-side output</b>													
Output current [A]	2.4	3.8	5.8	7.8	9.0	14	16.5	25	32	40			
Output voltage [V]	3x0 ... line voltage												
Overload capability	1.5 for 60sec.; 2.0 for 10sec.											1.4 for 60sec.; 1.6 for 10sec.	
Protection	Short circuit/earth fault res.												
Rotary field frequency [Hz]	0 ... 300 depending on the modulation frequency												
Switching frequency [kHz]	2 ... 16												
<b>Line-side input</b>													
Line current <sup>2)</sup> [A]	3 ~/PE	2.4	3.3 <sup>1)</sup>	5.8	6.4 <sup>1)</sup>	7.8 <sup>1)</sup>	14.2	14.5 <sup>1)</sup>	26	28.2 <sup>1)</sup>	35.6 <sup>1)</sup>		
Line voltage [V]	3x380 to 480 +10/-15 %												
Line frequency [Hz]	50/60 +/-10 %												
Fuse links [A]	3 ~/PE	6			10			16	20	35		50	
<b>Mechanical</b>													
Dimensions HxWxD [mm]	190x60x180			250x60x180			250x125x200						
Weight (approx.) [kg]	1.3			1.7			2.7		3.8				
Type of enclosure	IP20 (EN60529)												
Connection terminals [mm <sup>2</sup> ]	0.2 ... 1.5						0.2 ... 16						
Mounting arrangement	vertical												

Size	5			6			7					
Current code	DIC-4-...-E-0000-03			045	060	075	090	120	150	180	210	
<b>Motor-side output</b>												
Output current [A]	45	60	75	90	120	150	180	210				
Output voltage [V]	3x0 ... line voltage											
Overload capability	1.5 for 60sec.; 2.0 for 10sec.						1.5 for 60sec.; 1.8 for 10sec.					
Protection	Short circuit/earth fault res.											
Rotary field frequency [Hz]	0 ... 300 depending on the modulation frequency											
Switching frequency [kHz]	2 ... 8											
<b>Line-side input</b>												
Line current <sup>2)</sup> [A]	3 ~/PE	52	58 <sup>1)</sup>	72	86 <sup>1)</sup>	116 <sup>1)</sup>	143 <sup>1)</sup>	172 <sup>1)</sup>	208 <sup>1)</sup>			
Line voltage [V]	3x380 to 480 +10/-15 %											
Line frequency [Hz]	50/60 +/-10 %											
Fuse links [A]	3 ~/PE	63			80	100	125	160	200	250		
<b>Mechanical</b>												
Dimensions HxWxD [mm]	250x200x260			400x275x265			510x412x351					
Weight (approx.) [kg]	8.9			21.2			45		48			
Type of enclosure	IP20 (EN60529)											
Connection terminals [mm <sup>2</sup> ]	1.5 ... 25			... 70			... 2x95 (stud bolts)					
Mounting arrangement	vertical											

- 1) Line reactor required for a duty factor > 60 %  
2) Mains current with a relative mains impedance of 1 %

### Complete solution with IP 54 enclosure

Component	Type	Output current [A]	Housing dimensions * W x H x D [mm]
1	DIC-4-002-P	2.4	300x400x290
2	DIC-4-007-P	7.8	300x400x290
3	DIC-4-014-P	14	300x400x290
4	DIC-4-025-P	25	300x400x290

\* Heat sink on the rear of the enclosure