

Brushless ServoDrive



BIT DRIVE

Model	I _{rated}	I _{peak}	Size
BIT2 - 2M-T	2A	4 A	T0/2
BIT4 - 2M-T	4A	8 A	T0/2
BIT6 - 2M-T	6A	10 A	T0/2
T0/2: H=200, W=69, D=153 mm			

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in industrial automation

OpenDrive

Configurable converters to control asynchronous (with or without feedback) and synchronous motors (brushless and reluctance)

Extended power voltage : three phase from 200 Vac to 460 Vac (+/- 10%)
Separate power supply (24 Vdc) for the IGBT drivers and the regulation (safety stop function according to EN 954-1)
On request power supply three phase from 340 Vac to 460Vac (+/- 10%)

Main features:

- full-digital converter with DSP microcontroller (160 Mips)
- option: CAN controller on board
- RS 485, 7 segments display
- Handheld keypad or remotable
- Self adjustment of the motors characteristics
- AC/DC regenerative possible



OpenDrive with CAN controller on board

Drive	KW*	Description	
OPD-03	1,5	$I_{Nominal} = 3A \text{ rms}$	$I_{Peak} = 6A \text{ rms}$
OPD-07	3	$I_{Nominal} = 7A \text{ rms}$	$I_{Peak} = 14A \text{ rms}$
OPD-12	5,5	$I_{Nominal} = 12A \text{ rms}$	$I_{Peak} = 24A \text{ rms}$
OPD-15	7,5	$I_{Nominal} = 15A \text{ rms}$	$I_{Peak} = 30A \text{ rms}$
OPD-22	11	$I_{Nominal} = 22A \text{ rms}$	$I_{Peak} = 44A \text{ rms}$
OPD-32	15	$I_{Nominal} = 32A \text{ rms}$	$I_{Peak} = 64A \text{ rms}$
OPD-40	20	$I_{Nominal} = 40A \text{ rms}$	$I_{Peak} = 80A \text{ rms}$
OPD-48	22	$I_{Nominal} = 48A \text{ rms}$	$I_{Peak} = 72A \text{ rms}$
OPD-60	30	$I_{Nominal} = 60A \text{ rms}$	$I_{Peak} = 90A \text{ rms}$
OPD-70	37	$I_{Nominal} = 70A \text{ rms}$	$I_{Peak} = 105A \text{ rms}$
OPD-90	45	$I_{Nominal} = 90A \text{ rms}$	$I_{Peak} = 135A \text{ rms}$
OPD-110	55	$I_{Nominal} = 105A \text{ rms}$	$I_{Peak} = 158A \text{ rms}$
OPD-150	75	$I_{Nominal} = 150A \text{ rms}$	$I_{Peak} = 225A \text{ rms}$
OPD-175	90	$I_{Nominal} = 175A \text{ rms}$	$I_{Peak} = 260A \text{ rms}$
OPD-220	110	$I_{Nominal} = 220A \text{ rms}$	$I_{Peak} = 330A \text{ rms}$
OPD-250	132	$I_{Nominal} = 250A \text{ rms}$	$I_{Peak} = 375A \text{ rms}$
OPD-310	160	$I_{Nominal} = 310A \text{ rms}$	$I_{Peak} = 465A \text{ rms}$
OPD-370	200	$I_{Nominal} = 370A \text{ rms}$	$I_{Peak} = 555A \text{ rms}$
OPD-460	250	$I_{Nominal} = 465A \text{ rms}$	$I_{Peak} = 698 \text{ rms}$

* The power in KW is referred to motors power supplied to 400Vac

