SMD75

Powerful servo drive for maximum freedom of integration and demanding movement tasks

Applications

The SMD75 offers the same flexibility as the SMD50, but for applications with increased power and torque requirements. The open drive platform enables the free selection of gearboxes, mechanics and control concepts.

In addition to variants with an integrated Motor Controller, versions for operation on external servo controllers are available. Different encoder technologies enable optimal adaptation to existing automation and machine concepts.

The SMD75 is particularly suitable for powerful lifting systems, swivel drives, positioning axes and demanding movement tasks in intralogistics and industrial automation.



Features & Benefits

- **High performance reserves** for dynamic applications
- **Free choice of gearbox, mechanics and system architecture**
- **Variants with integrated Motor Controller** or third party controllers
- **Flexible integration** of different encoder systems
- **Easy integration** into existing machine controls
- **High dynamics and control quality**
- **Precise positioning** even with demanding movement profiles
- **Ideal for individual** and powerful drive concepts

Technical data Version with integrated Motor Controller

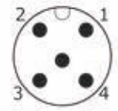
		SMD75I-BA	SMD75I-BD	SMD75I-BF
Rated voltage	VDC	48	48	48
Rated power	W	335	515	550
output speed	rpm	4000	4000	4000
Rated torque	Nm	0.8	1.23	1.31
Maximum torque	Nm	2.72	2.85	3.14
Rated current	ADC	8,0	9.72	10.38
Maximum current	ADC	30.8	35	35

	Configuration
Interfaces	I/O or CAN
Maximum noise level	< 49 dB(A)
output shaft	Ø 11h7 x 23 mm
Ambient temperature	0 °C ... 40 °C
Protection class	IP54

Connections supply

Pin	Description	Presentation
1	24 V / 48 V	 M16 / 3-pin (3x2)/male
2	GND	
3	n.c.	

I/O and CAN connections

Pin	CAN version	I/O version	Presentation
1	Shield	24 VDC	 M12 A-coded / 5-pin/male
2	DI	DI	
3	CAN-GND	GND	
4	CAN high	DO	
5	CAN low	AI	

Dimensions

L
178

