Lexium Controller motion controllers

Telefast® I/O connection bases

Presentation

The Telefast® connection base is an interface for connecting the I/O of the Lexium Controller motion controller to the operational section.

It guarantees a quick, reliable and economic connection.

It also allows:

- Distribution of common signals on inputs
- Disconnection of outputs per channel
- \blacksquare Protection of the 24 V == power supply of the Lexium Controller motion controller using fuses

Depending on the model, it also provides:

- Visual indication of I/O status via LEDs
- Protection of each channel using fuses

It is connected directly to the HE 10 connector of the Lexium Controller motion controller via a cable.

Characteristics Power supply characteristics Supply votage Conforming to IEC 61131-2 Maximum supply current per sub-base Supply covered and short-circuit for one channel Sub-base type Characteristics of the control circuit for one channel Sub-base type Characteristics of the control circuit for one channel Sub-base type Passive output Passive output Rated voltage at Ue Minimax voltage Conforming to IEC 61131-2 V = 20.4/28.4 Minimax voltage Conforming to IEC 61131-2 Type 1 Conformity Conforming to IEC 61131-2 Confo			controll	er via a cable.				
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vithout illuminating the channel LED References: Dimensions: Schemes:				ABE 7B20MPN20	ABE 7B20MPN22			
	without illuminating the channel		mA	-	1.5			

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Telefast® I/O connection bases



ABE 7B20MPN20

References (1)							
Telefast® I/O connection bases							
Number of I/O	Number, type of inputs	Number, type of outputs	LED per channel	Fuse	Reference	Weight kg	
20	12, Sink, 24 V 	8, Source, 24 V 	No	No	ABE 7B20MPN20	0.430	
			Yes	Yes	ABE 7B20MPN22	0.430	

Connection	n cables for	Telefast® su	b-bases			
Type of signal	Type of con	Type of connection		Length	Reference	Weight
	Lexium Controller side	Telefast® side	cross- section	(2)		
			AWG/ mm²	m		kg
Discrete inputs/ outputs	nputs/ 26 ways 26 ways	28/ 0.08	0.5	ABF T26B050	0.080	
outputo				1	ABF T26B100	0.110
				2	ABF T26B200	0.180

Accessorie	s				
Description	Number of shunted terminals	Characteristics	Sold in lots of	Reference	Weight kg
Optional snap-on terminal	20	-	5	ABE 7BV20	0.060
blocks	12 + 8	_	5	ABE 7BV20TB	0.060
Quick-blow fuses 5 x 20,	-	0.125 A	10	ABE 7FU012	0.010
250 V, UL		0.315 A	10	ABE 7FU030	0.010
		1 A	10	ABE 7FU100	0.010
		2A	10	ABE 7FU200	0.010

For further information about Telefast® I/O connection bases, please refer to the "Twido programmable controllers" catalogue, or visit "www.schneider-electric.com".
 For lengths over 2 metres, please consult your Regional Sales Office.