

Brakes

Power-off

For combination with:
Motor Series 2224, 2230, 2232, 2233

Series FSB 22

FSB 22		12	24		
Nominal coil data at 20°C					
1	Supply voltage (DC) ±10 %	U_N	12	24	Volt
2	Resistance	R	46,9	201,5	Ω
3	Current	A	0,256	0,119	A
4	Power	$P_2 \text{ max.}$	3,07	2,85	W
Mechanical response time ¹⁾					
5	Pull in / Dropout-Diode		3,5 / 7		ms
6	Pull in / Dropout-MOV		3,5 / 2		ms
7	Static torque rating		14		mNm
8	Moment of inertia		0,23		mNm
9	Max. permissible speed		9 000		rpm
Temperature range:					
10	Operating temperature range ²⁾		- 55 to + 65		°C
11	Storage temperature range ²⁾		- 55 to + 130		°C
12	Weight		30		g

Coils are UL Class B rated, 130°C

Leads are 30 AWG, 7/38 Stranded MIL-W-16878 TYPE E (UL Style 1213)

Ratings per MIL W 16878. -60°C to 200°C (105°C, by UL) 600V (not rated by UL)

Extruded TFE (Teflon) 0,81 mm nominal O.D. , color white

Finish is zinc and clear chromate except for chrome flash clapper and pressure plate

¹⁾Diode or MOV is placed across coil for arc suppression when brake is turned off (dropout)

Pull in time is not effected by use of diode or MOV. Without diode or MOV, the dropout time is directly related to the speed of the switch

²⁾ Non condensing atmosphere

Specifications

length with motor

	2230	2233	2224	2232
L	L	L	L	L
mm	mm	mm	mm	mm
	46,9	49,9	52,6	60,6

