

Type: **P5-315/EA/SVB**

Article No.: **280950**

Sales text **Switch-disc.P5-315,Form EA/SVB EM.STOP**



Ordering information

			BME-CAT Fotos
Produktgruppen-Bezeichnung			T rotary switches, P switch-disconnectors, technical data
			Load current switches
			Main switches, maintenance switches
Design			Flush mounting
Basic type for ... insert mounting form			P5-315/...
Mounting form			EA/SVB
No. of poles		M	3
Description			As Emergency-Stop device

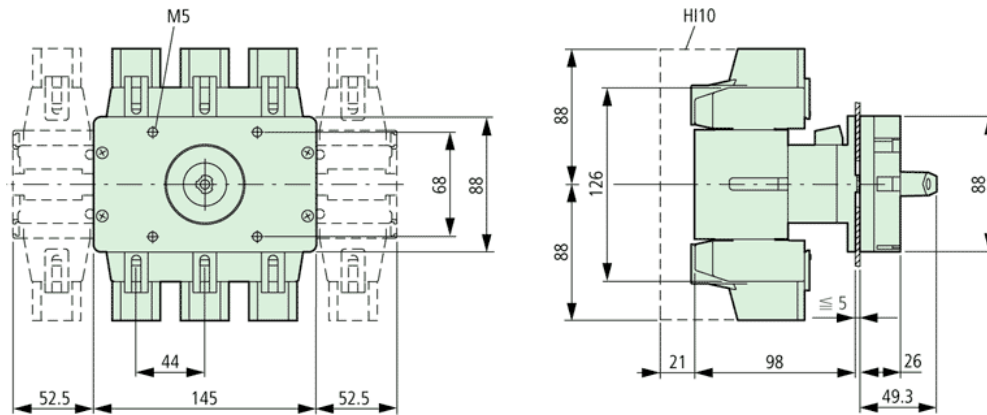
General

Standards			IEC/EN 60947, VDE 0660, IEC/EN 60204, CSA, UL switch disconnecter according to IEC/EN 60947-3
Lifespan, mechanical	Operations	$\times 10^6$	0,08
Maximum operating frequency	Operations/h		50
Climatic proofing			Damp heat, constant, to

			IEC 60068–2–78; Damp heat, cyclical, to IEC 60068–2–30
Ambient temperature			
Open		°C	–25...50
Enclosed		°C	–25...40
Mounting position			As required
Contacts			
Rated operational voltage	U_e	V AC	690
Rated impulse withstand voltage	U_{imp}	V AC	8000
Overvoltage category/pollution degree			III/3
Load rating with intermittent operation, class 12			
AB 25 % DF		$\times I_e$	2
AB 40 % DF		$\times I_e$	1,6
AB 60 % DF		$\times I_e$	1,3
Short-circuit rating			
Fuse		A gG/gL	315
Rated short-time withstand current (1 s current)	I_{cw}	A_{rms}	5800
Switching angles		°	90
Current heat loss per contact at I_e		W	16
Terminal capacities			
Solid or stranded		mm ²	1 × (16 – 185) 2 × (16 – 70)
Flexible with ferrule to DIN 46228		mm ²	1 × (25 – 120) 2 × (25 – 50)
Terminal screw			Allen screw 6
Tightening torque		Nm	16
Switching capacity			
AC			
Rated making capacity $\cos \phi = 0.35$		A	2050
Rated breaking capacity, motor load switch $\cos \phi = 0.35$			
230 V		A	1800
400 V		A	1650
500 V		A	1550
690 V		A	400
Rated operational current 440 V load-break switch AC–21A	I_e	A	315

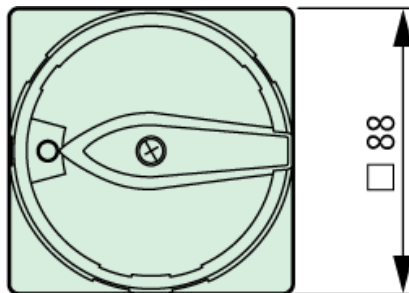
AC–3 motor load switch motor rating			
230 V	P	kW	45
400 V	P	kW	75
690 V	P	kW	45
AC–23A Motor load switches (main switches maintenance switches)			
230 V	P	kW	55
400 V	P	kW	110
690 V	P	kW	45
DC			
DC–1, Load–break switches L/R = 1 ms			
Rated operational current	I_e	A	315
Voltage per contact pair in series		V	42
DC–23A, motor load switch L/R = 15 ms			
24 V			
Rated operational current	I_e	A	315
Contacts		Quantity	3
48 V			
Rated operational current	I_e	A	315
Contacts		Quantity	3
60 V			
Rated operational current	I_e	A	315
Contacts		Quantity	3
120 V			
Rated operational current	I_e	A	100
Contacts		Quantity	3
Notes			
Notes			Main switch characteristics to IEC/EN 60204; positive opening of contacts, operator element positively located on shaft The rated uninterrupted current I_u is stated at max. connected cross–section. For terminal capacity solid, stranded and flexible: Max. 2 cross–section sizes difference admissible when using 2 conductors.

Dimensions



Drilling dimensions

Dimensions



3 Padlocks

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