

Motor Protection Switches Series BE6



BE632000

Schrack-Info

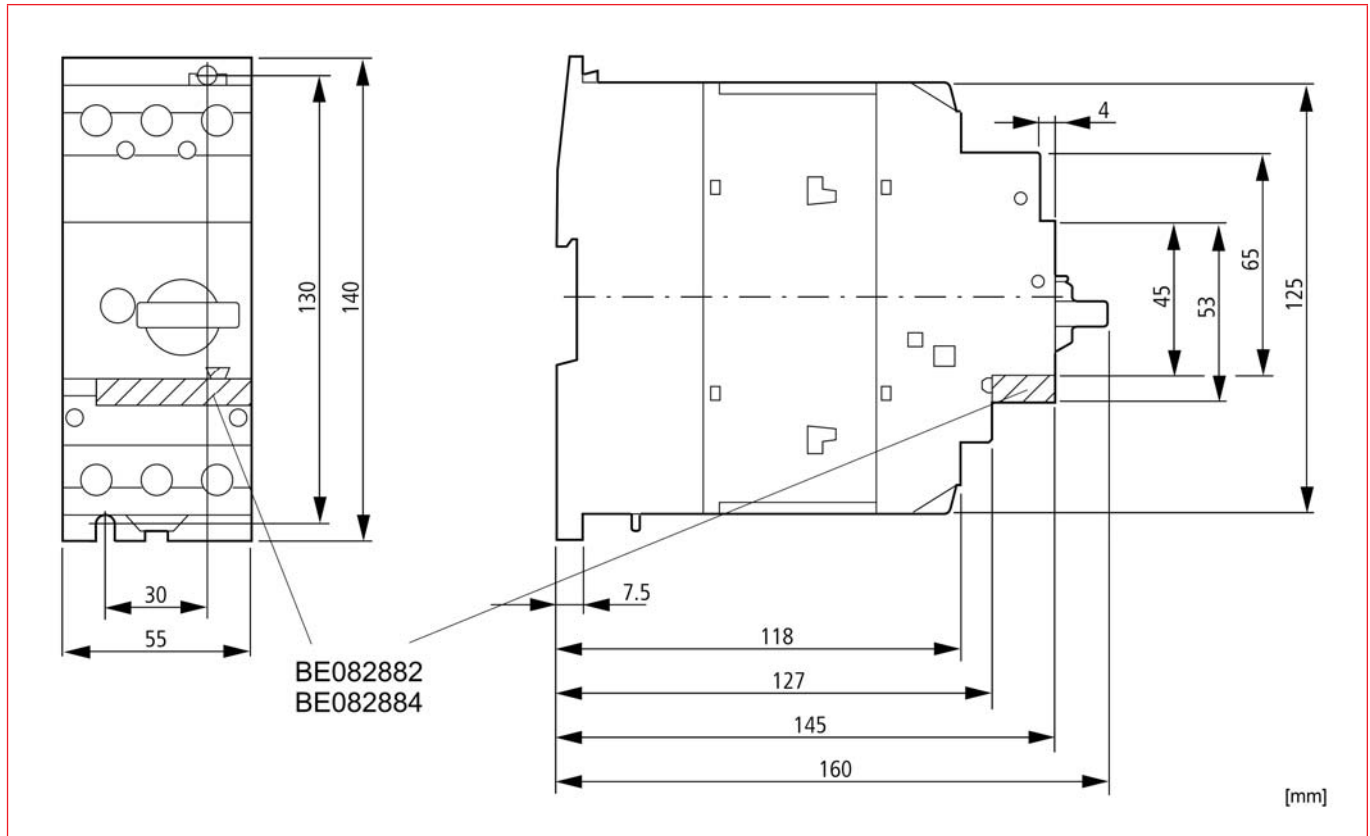
- Motor protection switch 3-pole from 24A up to 63A

Standards		EN 60647, IEC 60947
Rated current I_n		32 - 63A
Rated uninterrupted current = rated operational current $I_u = I_e$		63 A or current setting of the overcurrent release
Rated operational voltage U_e		690VAC
Rated frequency		40 - 60Hz
Tripping	Overload	adjustable $0,6 - 1 \times I_n$
	Short circuit	set permanently on $14 \times I_n$
Phase failure protection		yes
Tripping capacity		50kA
Direction of electric current		any
Rated impulse withstand voltage U_{imp}		6000VAC
Overvoltage category		III
Current heat loss (3 pole at operating temperature)		9,5W
Lifespan	mechanical	30.000 operations
	electrical (AC-3 at 400V)	30.000 operations
Maximum operating frequency		40 operations per hour
Short-circuit rating	AC-3 (up to 690V)	63A
	DC-5 (up to 250V)	63A (3 contacts in series)
Degree of protection	Device	IP20
	Terminations	IP00
Protection against direct contact		Finger and back-of-hand proof
Mechanical shock resistance half-sinusoidal shock 10 ms to IEC 60068-2-27		15g
Altitude		max. 2000 m
Climatic proofing		Damp heat, constant, to IEC 60068-2-78
		Damp heat, cyclic, to IEC 60068-2-30
Pollution degree		3
Ambient temperature		Stock -25°C up to 70°C
		Not enclosed -25°C up to 55°C
		Enclosed -25°C up to 40°C
Terminals	Screw-terminals	Single wire $1 \times 1 - 50\text{mm}^2 / 2 \times 1 - 35\text{mm}^2$
		Flexible with ferrule $1 \times 1 - 35\text{mm}^2 / 2 \times 1 - 35\text{mm}^2$
Torque		Mains 3Nm

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Article	max. rated operational power AC-3					Continuous rated current	Setting range	
	220V, 230V, 240V P [kW]	380V, 400V, 415V P [kW]	440V P [kW]	500V P [kW]	660V, 690V P [kW]		Overload tripping	Short circuit tripping
						I_n	I_r	I_m
BE632000	7,5	15	17,5	22	22	32	25 - 32	448
BE640000	11	20	22	24	30	40	32-40	560
BE650000	14	25	30	30	45	50	40-50	700
BE658000	17	30	37	37	55	58	50-58	812
BE663000	18,5	34	37	45	55	65	55-63	882

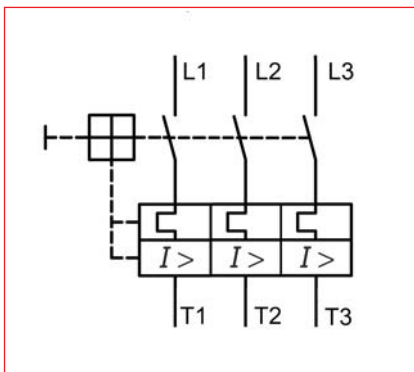
Dimensions



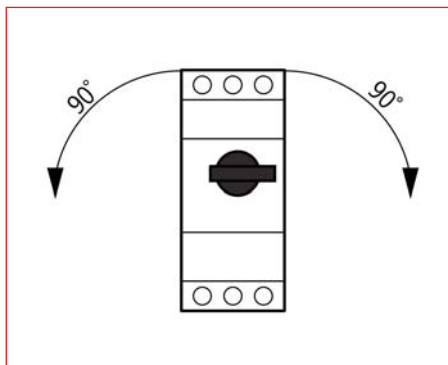
Motor Protection Switches Series BE5, BE6

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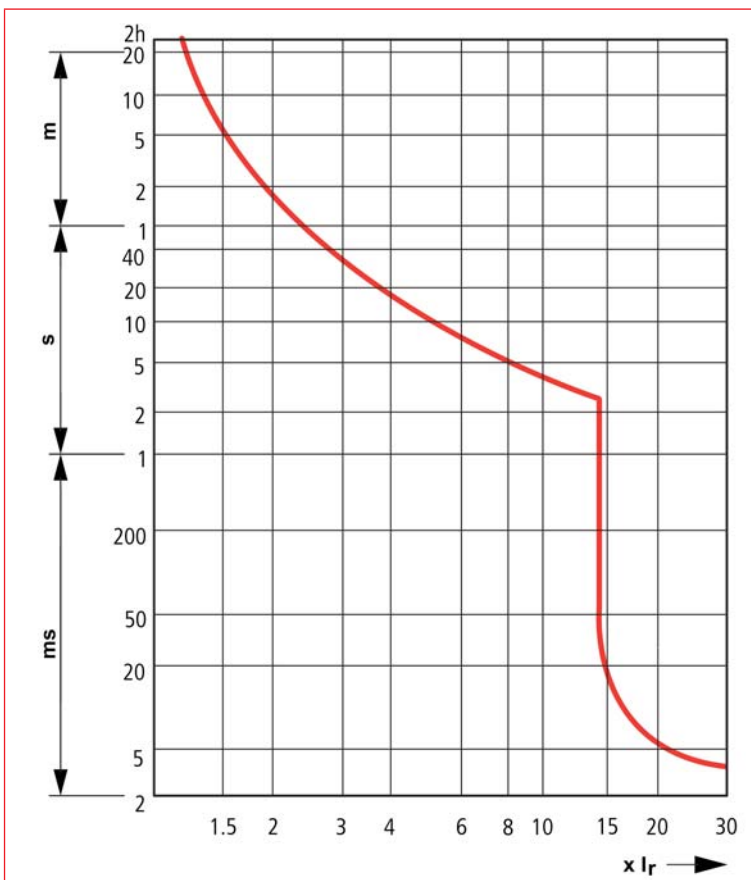
Circuit Diagram



Mounting Position

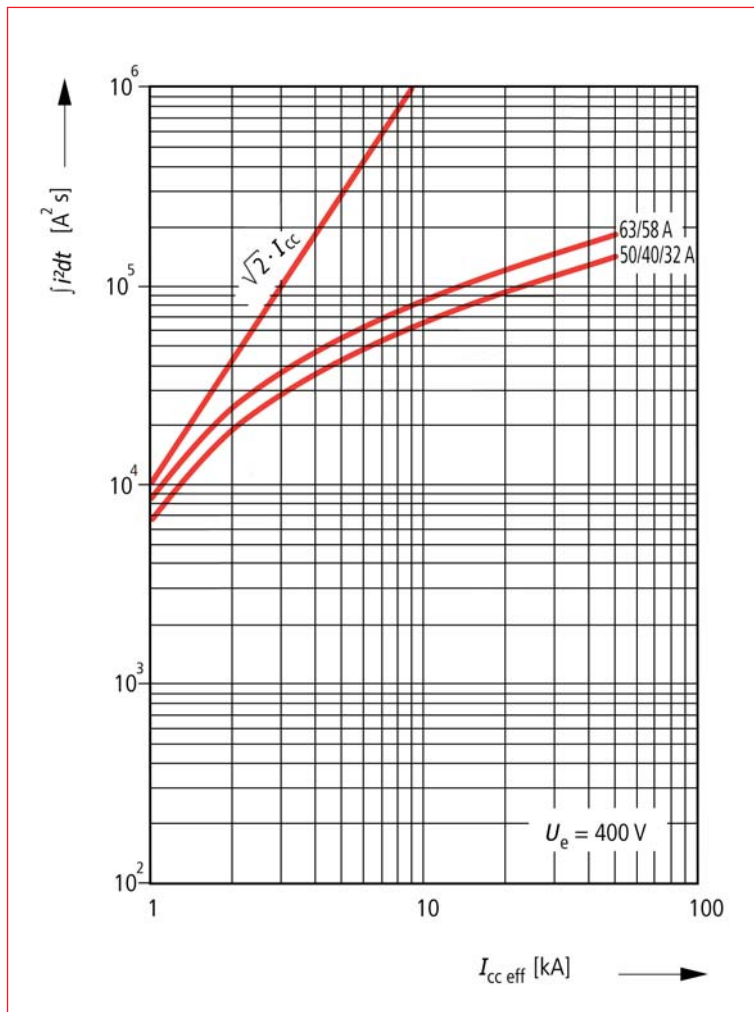


Tripping Characteristic Curve



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Let-through Energy Diagram



DESCRIPTION	TYPE NO.	AVAILABLE	ORDER NO.
Motor Protection Switches Series BE6			
24-32A			BE632000
32-40A			BE640000
40-50A			BE650000
50-58A			BE658000
55-63A			BE663000
Auxiliary contacts			
Auxiliary contact front, 1NO+1NC	BE5/6-HIF11		BE082882
Auxiliary contact front, 1NO	BE5/6-HIF10		BE082884