

Load rating with intermittent operation, class 12

AB 25 % DF

AB 40 % DF

AB 60 % DF

Short-circuit rating
Fuse

I2/SVB main switch

Part no. P1-32/I2/SVB/HI11

Article no. 207318



IP 65

IP 65

Delivery programme			
			As Emergency-Stop device
			With auxiliary contacts
Contact sequence			22 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Main conducting paths			
No. of poles		M	3
Auxiliary contacts			
		N/O	1
		В	1
Max. motor rating			
AC-23A			
400/415 V 50-60 Hz 	P	kW	15
Rated uninterrupted current	<i>I</i> _u	Α	32
Design			Surface mounting
Protection type			-
Note for table headerAccording to IEC/EN 60204-1, VDE 0	113 Part 1; with red rotar	y handle and yellow locking	g collar, lockable in 0 position

General Standards IEC/EN 60947, VDE 0660, IEC/EN 60204, CSA, UL switch disconnector according to IEC/EN 60947-3 0.3 Lifespan, mechanical Operations $\times 10^{6}$ Maximum operating frequency Operations/h Climatic proofing Damp heat, constant, to IEC 60068-2-78; Damp heat, cyclical, to IEC 60068-2-30 Ambient temperature °C °C – -25 ... 50 Open Enclosed ٥С - -25 ... 40 Mounting position As required Half-sinusoidal Mechanical shock resistance to IEC 60068-2-27 > 15 g shock 20 ms **Contacts** $U_{\rm e}$ V AC Rated operational voltage 690 Rated impulse withstand voltage V AC 6000 U_{imp} Overvoltage category/pollution degree III/3 Rated uninterrupted current Α I_{u} open I_{u} 32 Enclosed I_{u} Α 32

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 $\times I_e$

 $\times I_e$

 $\times I_e$

A gG/gL

1.6

1.3

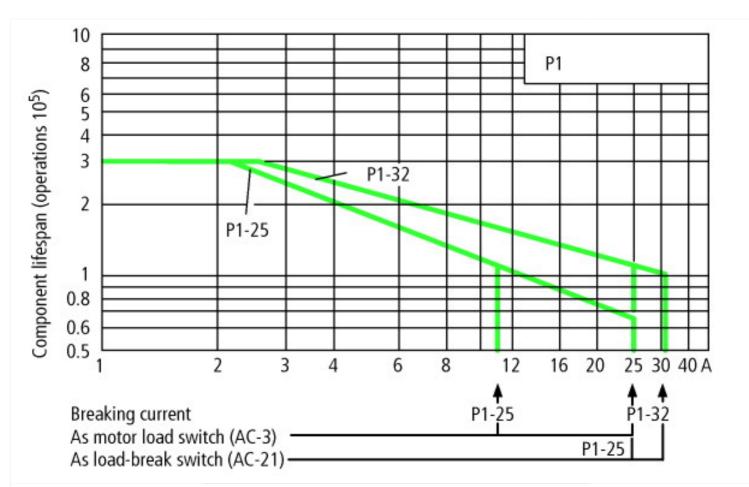
50

Switching anglese * 90 Curren hast loss per contact at la, W 18 Terminal capacities Flouble with forrule to DN 46228 mm² 1 x (15 - 8) 2 x (1 - 4)	Rated short-time withstand current (1 s current)	I _{cw}	A _{rms}	640
Current heat loss per contact at ℓ _q W 1.8 Terminal capacities Solid or started de DIN 46228 mm² 2 x(1.5 - 6) 2 x	Switching angles		•	90
Terminal capacities mm² 1 x (1.5 - 6) (2 x (1.5 - 6)) Floothe with ferrule to DIN 48228 mm² 1 x (1 - 4) (2 x (1.5 - 6)) Terminal screw M4 1.5 (1 - 4) (2 x (1.5 - 6)) Tightening torque M4 1.5 (1 - 4) (2 x (1.5 - 6)) Switching capacity W 1.5 (1 - 4) (2 x (1.5 - 6)) Rade draking capacity on # = 0.35 A 20 (2 x (1.5 - 6)) Rade of breaking capacity, motor load switch cos # = 0.35 A 200 (2 x (1.5 - 6)) 400 V A 200 (2 x (1.5 - 6)) 400 V A 200 (2 x (1.5 - 6)) 400 V A 200 (2 x (1.5 - 6)) 8 Rade of perational current 440 V load-break switch AC-214 M 200 (2 x (1.5 - 6)) 8 Rade of perational current 440 V load-break switch AC-214 M A 20 (2 x (1.5 - 6)) 8 Rade of operational current 400 V load-break switch AC-214 M A 32 (2 x (1.5 - 6)) 2 S0 V P kW 1.5 (2 x (1.5 - 6)) 4 (1.5 k (1.5 - 6)) 8 S0 V P kW 1.5 (2 x (1.5 - 6)) 4 (1.5 k (1.5 - 6)) P Cot-1, Load-break switch EC R =			W	1.8
Solid or stranded mm² 1 x (1.5 – 6) 2 x (1.6 – 6) 2 x (1.6 – 6) Flexible with ferrule to DIN 48228 m² 1 x (1 – 4) 2 x (1 – 4) 2 x (1 – 4) Terminal screw M M4 Toghteen proque M M6 Switching capacity W. U. M Read making capacity, cost # = 0.35 x U. A 30 Rated breaking capacity, motor load switch cos # = 0.35 A 200 400 V A 200 400 V A 300 400 V A 200 400 V 800 V 8				
Teminal screw			mm ²	
Typenening longue Nime 1.6 Switching capacity C x U ₆ 320 Rated making capacity, motor load switch cos # = 0.35 A 320 Rated breaking capacity, motor load switch cos # = 0.35 A 260 230 V A 260 400 V A 200 600 V A 250 Rated operational current 440 V load-break switch AC-21A I ₆ A 32 Rated operational current 440 V load-break switch AC-21A I ₆ A 32 AC-23A Motor load switches (main switches maintenance switches (main switches (main switches maintenance switches (main switc	Flexible with ferrule to DIN 46228		mm ²	
Switching capacity x U _b AC x U _b Rated making capacity, motor load switch cos # = 0.35 A 230 V A 400 V A 500 V A 680 V A Rated operational current 440 V load-break switch AC-21A I ₀ A AC-23A Motor load switches (main switches maintenance switches) P kW 32 400 V P kW 8.5 400 V P kW 15 500 V P kW 15 690 V P kW 18.5 690 V P kW 18.5 DC-1, Load-break switches L/R = 1 ms V 8 32 Rated operational current I ₀ A 32 Voltage per contact pair in series V 8 9 DC-2, Load-break switches L/R = 1 ms V 8 32 Rated operational current I ₀ A 25 Contacts Quantity 1 4	Terminal screw			M4
AC Rated making capacity, motor load switch cos # = 0.35 Rated breaking capacity, motor load switch cos # = 0.35 Rated breaking capacity, motor load switch cos # = 0.35			Nm	1.6
Rated making capacity, motor load switch cos # = 0.35 A 320 230 V A 260 400 V A 300 500 V A 290 680 V A 250 Rated operational current 440 V load-break switch AC-21A I _e A 32 AC-23A Motor load switches (main switches maintenance switches) P kW *** 230 V P kW 8.5 400 V P kW 15 500 V P kW 18.5 600 V P kW 18.5 DC-1, Load-break switches L/R = 1 ms Y 8 Rated operational current V _e A 32 Voltage per contact pair in series V B Contacts V DC-23A, motor load switch L/R = 15 ms V Contacts Quantity 1 4 8 V Rated operational current I _e A 25 Contacts Quantity 2 Contacts G0 V Quantity 2 Contacts Rated operational current I _e				
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690 V Rated operational current 440 V load-break switch AC-21A I ₆ A 32 AC-23A Motor load switches (main switches maintenance switches) P kW S 230 V P kW 8.5 400 V P kW 15 500 V P kW 18.5 690 V P kW 18.5 DC-1, Load-break switches L/R = 1 ms X U ₆ Y Rated operational current I ₆ A 32 Voltage per contact pair in series V 60 DC-23A, motor load switch L/R = 15 ms V 60 24 V V Contacts Quantity 1 48 V Rated operational current I ₆ A 25 Contacts Quantity 1 2 Contacts Quantity 3 2 Rated operational current I ₆ A 25 Contacts Quantity 3 3 Contacts Quantity 3 Rated operational current I ₆ A 25 Contacts <td>400 V</td> <td></td> <td>Α</td> <td>300</td>	400 V		Α	300
Rated operational current 440 V load-break switch AC-21A I ₆ A 32 AC-23A Motor load switches (main switches maintenance switches) P kW 8.5 230 V P kW 15 400 V P kW 18.5 500 V P kW 18.5 690 V P kW 18.5 DC-1, Load-break switches L/R = 1 ms VU6 60 Rated operational current I ₆ A 32 Voltage per contact pair in series V 60 DC-23A, motor load switch L/R = 15 ms V 60 24 V Rated operational current I ₆ A 25 Contacts Quantity 1 Rated operational current I ₆ A 25 Contacts Quantity 2 Rated operational current I ₆ A 25 Contacts Quantity 3 Rated operational current I ₆ A 25 Contacts Quantity 3<	500 V		Α	290
AC-23A Motor load switches (main switches maintenance switches) 230 V	690 V		Α	250
switches) P kW 8.5 400 V P kW 15 500 V P kW 18.5 600 V P kW 18.5 DC-1, Load-break switches L/R = 1 ms V Western than the switches L/R = 1 ms Rated operational current Interpretational current V 60 DC-23A, motor load switch L/R = 15 ms V 60 24 V V 60 Rated operational current Ie A 25 Contacts Quantity 1 Rated operational current Ie A 25 Contacts Quantity 2 Rated operational current Interpretational current Interpretational current Interpretational current Rated operational current Interpretational current Interpretational current Interpretational current Rated operational current Interpretational current	Rated operational current 440 V load-break switch AC-21A	<i>l</i> e	Α	32
March Marc	· ·	Р	kW	
F	230 V	P	kW	8.5
DC	400 V	P	kW	15
DC-1, Load-break switches L/R = 1 ms x U _S Rated operational current I _e A 32 Voltage per contact pair in series V 60 DC-23A, motor load switch L/R = 15 ms V 60 24 V V Contacts Rated operational current I _e A 25 Contacts Quantity 1 Rated operational current I _e A 25 Contacts Quantity 2 60 V V Contacts Quantity 2 Rated operational current I _e A 25 Contacts Quantity 3 Contacts Quantity 3 Rated operational current I _e A 25 Rated operational	500 V	Р	kW	18.5
DC-1, Load-break switches L/R = 1 ms Ie A 32 Rated operational current Ie A 32 Voltage per contact pair in series V 60 DC-23A, motor load switch L/R = 15 ms ————————————————————————————————————	690 V	P	kW	18.5
Rated operational current	DC		× U _s	
Voltage per contact pair in series V 60 DC-23A, motor load switch L/R = 15 ms V 60 24 V V Eated operational current Ie A 25 Contacts Quantity 1 1 48 V A 25 2 Contacts Quantity 2 Contacts Quantity 2 60 V A 25 Rated operational current Ie A 25 Contacts Quantity 3 120 V A 12	DC-1, Load-break switches L/R = 1 ms			
DC-23A, motor load switch L/R = 15 ms 24 V Rated operational current 48 V Rated operational current Ie A 25 Quantity 1 AR 25 Contacts Quantity 2 Contacts Quantity 2 Contacts Quantity 2 Contacts Quantity 2 Contacts Quantity 3 120 V Rated operational current Ie A 12	Rated operational current	l _e	Α	32
24 V Rated operational current Ie A 25 Contacts Quantity 1 48 V Taked operational current Ie A 25 Contacts Quantity 2 60 V Quantity 2 Rated operational current Ie A 25 Contacts Quantity 3 120 V Rated operational current Ie A 12	Voltage per contact pair in series		V	60
Rated operational current $I_{\rm e}$ A 25 Contacts Quantity 1 48 V	DC-23A, motor load switch L/R = 15 ms			
Contacts Quantity 1 48 V	24 V			
A8 V Rated operational current I _e A 25 Contacts Quantity 2 60 V Rated operational current I _e A 25 Contacts Quantity 3 120 V Rated operational current I _e A 12	Rated operational current	l _e	Α	25
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120 V Rated operational current I _e A 12			Quantity	
Rated operational current $I_{\rm e}$ A 12			,	
		l _e	A	12
		0		

Notes

Notes Main switch characteristics to IEC/EN 60204; positive opening of contacts, operator element positively located on shaft The rated uninterrupted current $I_{\rm u}$ 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.

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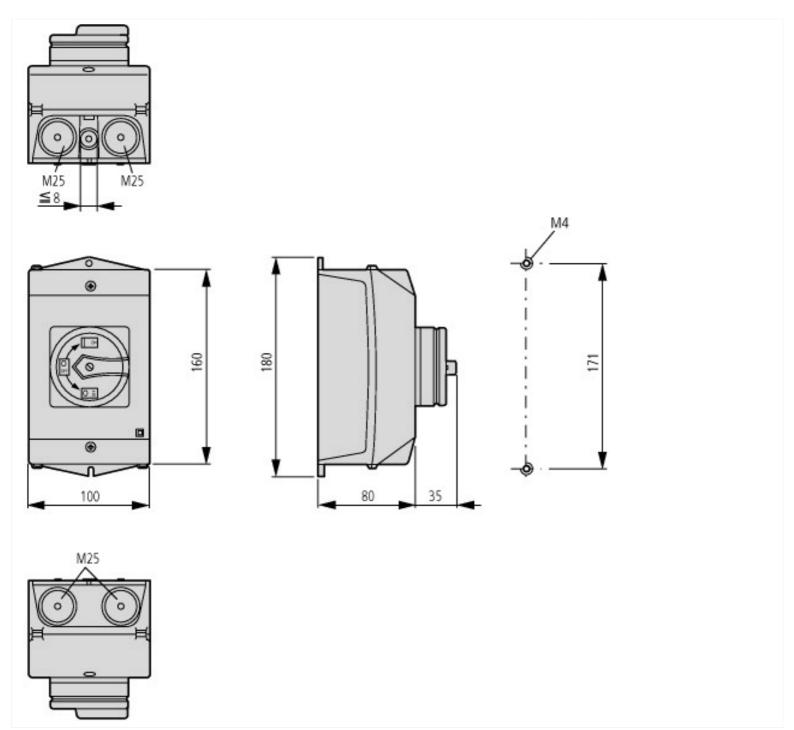


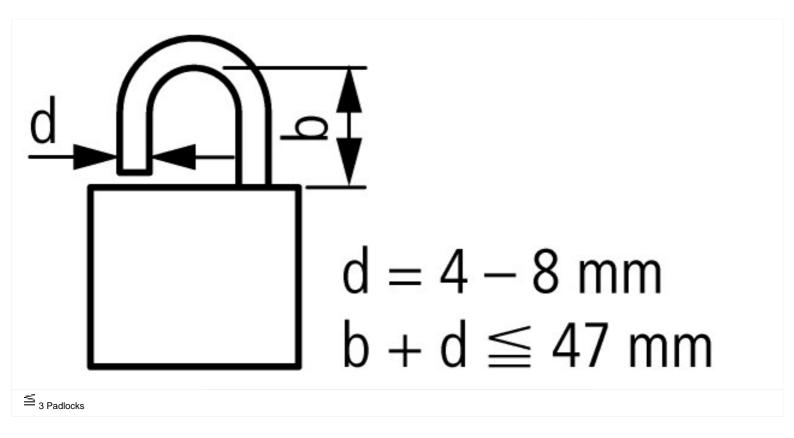
For utilisation category AC-4 (extreme load: 100 % inching, reversing or plugging)

The blocked rotor current of the motor should not exceed the rated current of the switch for AC-21A to ensure a reasonable device lifespan.

Dimensions

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