



Main switch, +steel enclosure, 6p+1N/O+1N/C, Ie=63A, handle red yellow, 0-1, 90°

Part no. T5B-4-15164/ST/SVB
Article no. 025525

Delivery program

Product range		Main switch maintenance switch Repair switch	
Part group reference		T5B	
Stop Function		Emergency switching off function With red rotary handle and yellow locking ring	
Number of poles		6 pole	
Auxiliary contacts			
	N/O	1	
	N/C	1	
Degree of Protection		IP65	
		totally insulated	
Design		surface mounting	
Contact sequence			
Function			
Motor rating AC-23A, 50 - 60 Hz			
400 V	P	kW	30
Rated uninterrupted current	I _u	A	63
Number of contact units		contact unit(s)	4

Technical data

General			
Standards		IEC/EN 60947, VDE 0660, IEC/EN 60204 Switch-disconnector according to IEC/EN 60947-3	
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30	
Ambient temperature			
Enclosed	°C	-25 - +40	
Overtoltage category/pollution degree		III/3	
Rated impulse withstand voltage	U _{imp}	V AC	6000
Mechanical shock resistance	g		15

Mounting position			As required
Protection against direct contact when actuated from front (EN 50274)			Finger and back-of-hand proof
Contacts			
Mechanical variables			
Number of poles			6 pole
Auxiliary contacts			
	N/O	1	
	N/C	1	
Electrical characteristics			
Rated operational voltage	U_e	V AC	690
Rated uninterrupted current	I_u	A	63
Note on rated uninterrupted current I_u			Rated uninterrupted current I_u is specified for max. cross-section.
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	80
Rated short-time withstand current (1 s current)	I_{cw}	A_{rms}	1300
Note on rated short-time withstand current I_{cw}			Current for a time of 1 second
Rated conditional short-circuit current	I_q	kA	2
Switching capacity			
$\cos \varphi$ rated making capacity as per IEC 60947-3		A	800
Rated breaking capacity $\cos \varphi$ to IEC 60947-3		A	
230 V		A	520
400/415 V		A	600
500 V		A	480
690 V		A	340
Safe isolation to EN 61140			
between the contacts		V AC	440
Current heat loss per contact at I_e		W	4.5
Current heat loss per auxiliary circuit at I_e (AC-15/230 V)		CO	4.5
Lifespan, mechanical	Operations	$\times 10^6$	> 0.5
Maximum operating frequency	Operations/h		1200
AC			
AC-3			
Rating, motor load switch	P	kW	
220 V 230 V	P	kW	15
230 V Star-delta	P	kW	18.5
400 V 415 V	P	kW	22
400 V Star-delta	P	kW	30
500 V	P	kW	22
500 V Star-delta	P	kW	37
690 V	P	kW	15
690 V Star-delta	P	kW	22
Rated operational current motor load switch			
230 V	I_e	A	51
230 V star-delta	I_e	A	63
400V 415 V	I_e	A	41
400 V star-delta	I_e	A	63
500 V	I_e	A	33
500 V star-delta	I_e	A	57.2
690 V	I_e	A	17
690 V star-delta	I_e	A	29.4

AC-21A				
Rated operational current switch				
440 V	I _e	A	63	
AC-23A				
Motor rating AC-23A, 50 - 60 Hz	P	kW		
230 V	P	kW	18.5	
400 V 415 V	P	kW	30	
500 V	P	kW	22	
690 V	P	kW	22	
Rated operational current motor load switch				
230 V	I _e	A	63	
400 V 415 V	I _e	A	63	
500 V	I _e	A	33	
690 V	I _e	A	23.8	
DC				
DC-1, Load-break switches L/R = 1 ms				
Rated operational current	I _e	A	63	
Voltage per contact pair in series		V	60	
DC-23A, motor load switch L/R = 15 ms				
24 V				
Rated operational current	I _e	A	50	
Contacts		Quantity	1	
48 V				
Rated operational current	I _e	A	50	
Contacts		Quantity	2	
60 V				
Rated operational current	I _e	A	50	
Contacts		Quantity	3	
120 V				
Rated operational current	I _e	A	25	
Contacts		Quantity	3	
240 V				
Rated operational current	I _e	A	20	
Contacts		Quantity	6	
DC-13, Control switches L/R = 50 ms				
Rated operational current	I _e	A	25	
Voltage per contact pair in series		V	24	
Control circuit reliability at 24 V DC, 10 mA	Fault probability	H _F	< 10 ⁻⁵ , < 1 fault in 100000 operations	

Terminal capacities

Solid or stranded		mm ²	1 x (2,5 - 35) 2 x (2,5 - 16)
Flexible with ferrules to DIN 46228		mm ²	1 x (1 - 25) 2 x (1.5 - 10)
Terminal screw			M6
Max. tightening torque		Nm	4

Technical safety parameters:

Notes		B10 _d values as per EN ISO 13849-1, table C1
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Rating data for approved types

Terminal capacity		
Terminal screw		M6

Additional product information (links)

Display flip catalog page.

<http://ecat.moeller.net/flip-cat/?edition=K115A&startpage=131>