Main switch, T3, 32 A, surface mounting, 4 contact unit(s), 6 pole, 1 N/O, 1 N/C, STOP function, With black rotary handle and locking ring, Lockable in the 0 (Off) position, in steel enclosure



Part no. T3-4-15682/SE2/SVB-SW 197474

General specifications	
	Enton Monlloy® socies TO Mais socies
Product name	Eaton Moeller® series T3 Main switch
Part no. EAN	T3-4-15682/SE2/SVB-SW
	4015080896258
Product Length/Depth	250 millimetre
Product height	155 millimetre
Product width	200 millimetre
Product weight	2.56 kilogram
Certifications	IEC/EN 60204 IEC/EN 60947 IEC/EN 60947-3 VDE 0660
Product Tradename	Т3
Product Type	Main switch
Product Sub Type	None
Catalog Notes	in steel enclosure Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions	
Features	Version as maintenance-/service switch Version as main switch
Fitted with:	Black rotary handle and locking ring
Functions	Interlockable STOP function
Locking facility	Lockable in the 0 (Off) position
Number of poles	Six-pole
General information	
Degree of protection	NEMA 12
Degree of protection (front side)	IP65
Lifespan, mechanical	500,000 Operations
Mounting method	Surface mounting
Mounting position	As required
Number of contact units	4
Operating frequency	1200 Operations/h
Overvoltage category	III
Pollution degree	3
Rated impulse withstand voltage (Uimp)	6000 V AC
Safe isolation	440 V AC, Between the contacts, According to EN 61140
Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms
Suitable for	Ground mounting
Switching angle	90 °
Climatic environmental conditions	
Ambient operating temperature (enclosed) - min	-25 °C
Ambient operating temperature (enclosed) - max	40 °C
Terminal capacities	
Terminal capacity	1 x (0.75 - 4) mm ² , flexible with ferrules to DIN 46228 1 x (1 - 6) mm ² , solid or stranded 2 x (0.75 - 4) mm ² , flexible with ferrules to DIN 46228 2 x (1 - 6) mm ² , solid or stranded
Screw size	M4, Terminal screw

Tightening torque	17.7 lb-in, Screw terminals 1.6 Nm, Screw terminals
Electrical rating	
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	260 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	260 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	240 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	170 A
Rated operational current (Ie) at AC-21, 440 V	32 A
Rated operational current (Ie) at AC-23A, 230 V	32 A
Rated operational current (Ie) at AC-23A, 400 V, 415 V	32 A
Rated operational current (Ie) at AC-23A, 500 V	26.4 A
Rated operational current (le) at AC-23A, 690 V	17 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	23.7 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	23.7 A
Rated operational current (Ie) at AC-3, 500 V	23.7 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	14.7 A
Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms	25 A
Rated operational current (le) at DC-13, control switches L/R = 50 ms	20 A
Rated operational current (le) at DC-21, 240 V	1A
Number of contacts in series at DC-21A, 240 V	1
Rated operational current (Ie) at DC-23A, 24 V	25 A
Number of contacts in series at DC-23A, 24 V	1
Rated operational current (Ie) at DC-23A, 48 V	25 A
Number of contacts in series at DC-23A, 48 V	2
Rated operational current (Ie) at DC-23A, 60 V	25 A
Number of contacts in series at DC-23A, 60 V	3
Rated operational current (Ie) at DC-23A, 120 V	12 A
Number of contacts in series at DC-23A, 120 V	3
Rated operational current (le) at DC-23A, 240 V	5 A
Number of contacts in series at DC-23A, 240 V	5
Rated operational current (Ie) star-delta at AC-3, 220/230 V	32 A
Rated operational current (le) star-delta at AC-3, 380/400 V	32 A
Rated operational current (le) star-delta at AC-3, 500 V	32 A
Rated operational current (le) star-delta at AC-3, 690 V	25.5 A
Rated operational power at AC-23A, 220/230 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 400 V, 50 Hz	15 kW
Rated operational power at AC-23A, 500 V, 50 Hz	15 kW
Rated operational power at AC-23A, 690 V, 50 Hz	15 kW
Rated operational power at AC-3, 380/400 V, 50 Hz	11 kW
Rated operational power at AC-3, 415 V, 50 Hz	11 kW
Rated operational power at AC-3, 690 V, 50 Hz	11 kW
Rated operational power star-delta at 220/230 V, 50 Hz	7.5 kW
Rated operational power star-delta at 380/400 V, 50 Hz	15 kW
Rated operational power star-delta at 500 V, 50 Hz	18.5 kW
Rated operational power star-delta at 690 V, 50 Hz	22 kW
Rated uninterrupted current (Iu)	32 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Voltage per contact pair in series	60 V
hort-circuit rating	
Rated conditional short-circuit current (Iq)	1 kA
Rated short-time withstand current (Icw)	0.65 kA 650 A, Contacts, 1 second
Short-circuit protection rating	35 A gG/gL, Fuse, Contacts
witching capacity	
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	320 A
Load rating	2 x l# (with intermittent operation class 12, 25 % duty factor)

	1.6 x l# (with intermittent operation class 12, 40 % duty factor) 1.3 x l# (with intermittent operation class 12, 60 % duty factor)
Contacts	
Control circuit reliability	1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	1
Number of auxiliary contacts (normally open contacts)	1
Actuator	
Actuator color	Black
Actuator type	Door coupling rotary drive

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Switch disconnector (EC000216)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnector (ecl@ss10.0.1-27-37-14-03 [AKF060013])

Version as main natural nace/services which Yes Version as a maintenance/service switch Yes Version as a managency stop installation Yes Version as a managency stop installation Yes Version as a managency stop installation Yes Number of switches Yes Ruted operation voltage Ue AC Yes Reted operating voltage A Reted operating voltage A Reted operation voltage A Reted operating voltage A Reted operating voltage A Reted operating voltage A Reted operation power at AC-23, 400 V A Rated operation power at AC-3, 400 V A Rated operation power at AC-3, 400 V B Rated operation power at AC-2, 400 V B Substitution power at AC-2, 400 V BY Substitution power at AC-2, 400 V BY <t< th=""><th>[AKI 0000 TO])</th><th></th><th></th><th></th></t<>	[AKI 0000 TO])			
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Version as reversing switch I Number of switches I Max. rated operation voltage Ue AC V 690-690 Rated operating voltage V 690-690 Rated operating voltage A 32 Rated operating voltage A 32 Rated permanent current at AC-23, 400 V A 32 Rated operation power at AC-3, 400 V A 35 Rated operation power at AC-3, 400 V AW 15 Rated short-time withstand current low AW 15 Rated operation power at AC-3, 400 V AW 15 Number of power at AC-3, 400 V AW 15 Number of power at AC-3, 400 V AW 15 Number of power at AC-3, 400 V AW 15 Number of power at AC-3, 400 V AW 15 Number of power at AC-3, 400 V AW 16 Number of power at AC-3, 400 V AW 16 Number of power at AC-3, 400 V AW 16 Number of auxiliary contacts as change-over contact NO NO Note	Version as safety switch			No
Number of switches 1 Max. rated operation voltage V 690 Rated operation voltage A 32 Rated operation turrent at AC-23, 400 V A 32 Rated operation power at AC-3, 400 V AN 11 Rated operation power at AC-23, 400 V AN 15 Rated operation power at AC-23, 400 V AN 15 Switching power at 40 V AN 15 Conditioned rated short-circuit current lq AA 1 Number of poles A 1 Number of auxiliary contacts as normally closed contact A 1 Number of auxiliary contacts as change-over contact A 0 Motor drive integrated A No Motor drive integrated A No Voltage release optional A No Suitable for from mounting A No Suitable for from mounting<	Version as emergency stop installation			No
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Rated operating voltage V 690 - 690 Rated permanent current tal AC-23, 400 V A 32 Rated permanent current at AC-23, 400 V A 32 Rated opartion power at AC-3, 400 V A 32 Rated short-time withstand current low AA 0.55 Rated opartion power at AC-24, 400 V kW 15 Rated opartion power at AC-24, 400 V kW 15 Switching power at 400 V kW 15 Conditioned rated short-circuit current lq kA 1 Number of poles KA 1 Motor drive optional KA 1 Motor drive optional KA No Motor drive integrated KA No Voltage release optional KA No Suitable for floor mounting KA No Suitable for floor mounting 4-hole KA	Number of switches			1
Rated permanent current at AG-23,400 V A 32 Rated permanent current at AG-23,400 V A 32 Rated operation power at AG-3,400 V NW 11 Rated operation power at AG-3,400 V NA 0,5 Rated operation power at AG-23,400 V NW 15 Switching power at AG-23,400 V NW 15 Switching power at 400 V NW 15 Conditioned rated short-circuit current Iq NW 16 Number of poles NW 16 Number of auxiliary contacts as normally closed contact 1 10 Number of auxiliary contacts as normally open contact 1 10 Number of auxiliary contacts as change-over contact 1 10 Motor drive eptional N No Motor drive integrated N No Voltage release optional N No Suitable for floor mounting Yes No Suitable for front mounting 4-tole Yes No Suitable for front mounting centre No No Suitable for front mounting c	Max. rated operation voltage Ue AC	V		690
Rated parmanent current at AC-23, 400 V A 32 Rated operation power at AC-3, 400 V kW 11 Rated operation power at AC-3, 400 V kW 15 Rated short-time withstand current low kW 55 Rated operation power at AC-23, 400 V kW 15 Switching power at 400 V kW 15 Conditioned rated short-circuit current lq kA 1 Number of polos F 6 Number of auxiliary contacts as normally closed contact F 1 Number of auxiliary contacts as change-over contact F No Motor drive optional F No Motor drive integrated F No Voltage release optional F No Suitable for floor mounting F No Suitable for floor mounting 4-hole F No Suitable for front mounting centre F No Suitable for firth mounting centre F No Suitable for firth mounting centre F No Suitable for firth mounting centre <t< td=""><td>Rated operating voltage</td><td>V</td><td></td><td>690 - 690</td></t<>	Rated operating voltage	V		690 - 690
Rated permanent current at AC-21, 400 V A 32 Rated operation power at AC-3, 400 V kW 11 Rated short-time withstand current Icw kA 0.55 Rated operation power at AC-23, 400 V kW 15 Switching power at 400 V kW 15 Conditioned rated short-circuit current Iq kA 1 Number of poles KA 1 Number of auxiliary contacts as normally closed contact 1 1 Number of auxiliary contacts as normally open contact 0 6 Motor drive optional 0 0 0 Motor drive integrated 0 0 0 Voltage release optional 0 0 0 Device construction 0 0 0 Suitable for floor mounting 2 0 0 Suitable for front mounting 4-hole 0 0 0 Suitable for front mounting centre 0 0 0 Suitable for front mounting centre 0 0 0 Suitable for front mounting ce	Rated permanent current lu	А		32
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Rated operation power at AC-23, 400 V Switching power at 400 V Conditioned rated short-circuit current Iq Number of poles Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Motor drive optional Motor drive integrated Voltage release optional Device construction Suitable for front mounting Suitable for front mounting Suitable for front mounting 4-hole Suitable for front mounting eentre Suitable for intermediate mounting Suitable for intermediate mounting Colour control element Type of control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side	Rated operation power at AC-3, 400 V	kV	٧	11
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Conditioned rated short-circuit current Iq kA 1 Number of poles 6 Number of auxiliary contacts as normally closed contact 1 Number of auxiliary contacts as normally open contact 1 Number of auxiliary contacts as change-over contact 0 Motor drive optional No Motor drive integrated No Voltage release optional No Device construction Complete device in housing Suitable for floor mounting Yes Suitable for front mounting 4-hole No Suitable for distribution board installation No Suitable for distribution board installation No Suitable for intermediate mounting No Colour control element No Type of control element Door coupling rotary drive Interlockable Yes Type of electrical connection of main circuit Serew connection Degree of protection (IP), front side Interlockable Serew connection	Rated operation power at AC-23, 400 V	kV	٧	15
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Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Notor drive optional Motor drive integrated Notor drive integrated integrated Notor drive integrated integrated Notor drive integrated i	Number of poles			6
Number of auxiliary contacts as change-over contact Motor drive optional Motor drive integrated No No No No Complete device in housing Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for firont mounting centre Suitable for front mounting centre Suitable for front mounting centre Suitable for front mounting centre Suitable for forth mounting centre Suitable for intermediate mounting Suitable for intermediate mounting Colour control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side	Number of auxiliary contacts as normally closed contact			1
Motor drive optional Motor drive integrated No No Voltage release optional No Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for intermediate mounting Suitable for intermediate mounting Colour control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side No No No No Screw connection Screw connection Screw connection No Screw connection Screw connection No Screw connection	Number of auxiliary contacts as normally open contact			1
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Voltage release optional Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for front mounting centre No Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side	Motor drive optional			No
Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for front mounting centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Complete device in housing Complete device in housing Complete device in housing No Complete device in housing Yes No Condessed on Complete device in housing No Complete device in housing No Complete device in housing Yes	Motor drive integrated			No
Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Yes Yes Yes Yes Yes Interlockable Ple5	Voltage release optional			No
Suitable for front mounting 4-hole Suitable for front mounting centre No Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No No Colour control element Black Type of control element Colour control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side No No Colour control element No No Colour control element No No Colour control element No No Colour control element No Colour control element No Colour control element No Colour control element No	Device construction			Complete device in housing
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Suitable for intermediate mounting No Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No Black Door coupling rotary drive Yes Screw connection Degree of protection (IP), front side No Black Door coupling rotary drive Yes Screw connection IP65	Suitable for front mounting centre			No
Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Black Type of coupling rotary drive Yes Screw connection IP65	Suitable for distribution board installation			No
Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Door coupling rotary drive Yes Screw connection IP65	Suitable for intermediate mounting			No
Interlockable Yes Type of electrical connection of main circuit Screw connection Degree of protection (IP), front side IP65	Colour control element			Black
Type of electrical connection of main circuit Degree of protection (IP), front side Screw connection IP65	Type of control element			Door coupling rotary drive
Degree of protection (IP), front side	Interlockable			Yes
	Type of electrical connection of main circuit			Screw connection
Degree of protection (NEMA) 12	Degree of protection (IP), front side			IP65
	Degree of protection (NEMA)			12