Main switch, T0, 20 A, rear mounting, 4 contact unit(s), 8-pole, Emergency switching off function, With red rotary handle and yellow locking ring, Lockable in the 0 (Off) position



Part no. T0-4-8344/V/SVB 014007

Part to 0.         10 + 3340//S18           EAN         4015880140078           Product Length (lepth         10 10 101880140078           Product Length (lepth         2 2 5 millimetre           Product width         5 5 millimetre           Corrifications         10 15 Millorge           Corrifications         10 15 Millorge           Product Width         10 15 Millorge           Corrifications         10 15 Millorge           Product Tradeams         10 15 Millorge           Product Tradeams         7 0           Produ	Product name	Eaton Moeller® series T0 Main switch
EAM         40150014 40078         40150014 40078           Product beight (1)         140 millimetee           Product width         55 millimetee           Product weight         1.18 kilogram           Curifications         1.18 kilogram           Product Trademann         50.4 C22 7 kib. 4047-41-14           Product Trademann         70           Product Sab Type         80.00           Product Sab Type         80.00           Product Sab Type         80.00           Product Sab Type         80.00           Features         Varsion as maintenance-/nervice switch product from time of 1 second           Features         Varsion as maintenance-/nervice switch product from time of 1 second           Features         Varsion as maintenance-/nervice witch product from time of 1 second           Features         Varsion as maintenance-/nervice witch product from time of 1 second           Features         Product Trademann         Product Trademann           Features         Product Trademann         Product Trademann           Features         Product Tr		
Poduct Length Deptide         147 millimetre           Poduct Unglet         2 millimetre           Poduct Weight         158 hillogram           Cerrifications         150 hillogram           Cerrifications         ICON MOSPY - HARD PROVIDED AND AND AND AND AND AND AND AND AND AN		
Product height Product width Product width Product wight Curfications		
Product width Product weight Certifications Certifi		
Product weight         0.158 kilogram           Certifications         IECEN 198347           Certifications         IECEN 198347           RECEN 198347         IECEN 198347           Very College (1984) 4-1-14         IECEN 198343           Very College (1984) 4-1-14         IECEN 198344           Very College (1984) 4-1-1		
Curtifications         IECES 1937   Union 74		
Display	•	
Product Type Product Sub Type Catalog Notes Rated Short-time Withstand Current (Icw) for a time of 1 second Rated Short-time Withstand Current (Icw) for a time of 1 second Rated Short-time Withstand Current (Icw) for a time of 1 second Rated Short-time Withstand Current (Icw) for a time of 1 second Rated Short-time Withstand Current (Icw) for a time of 1 second Rated Short-time Withstand Current (Icw) for a time of 1 second Rated Short-time Withstand Current (Icw) for a time of 1 second Rated Short-time Withstand Current (Icw) for a time of 1 second Rated Indicated Red Your Short S	Continuations	UL 60947-4-1 IEC/EN 60204 CSA-C22.2 No. 60947-4-1-14 IEC/EN 60947-3 UL Category Control No.: NLRV UL File No.: E36332 CSA Class No.: 3211-05 CSA-C22.2 No. 94 CSA CSA File No.: 012528 UL CE
Product Sub Type Catalog Notes Beatures & Functions Features Functions Fitted with: Functions Functions Functions Functions Fitted with: Functions Function Functions Function Functions Functions Functions Function Functions Function Functions Functions Function Functions Function Functions Funct	Product Tradename	ТО
Catalog Notes     Rated Short-time Withstand Current (low) for a time of 1 second       Peatures     Version as maintenance-/service switch Version as meintenance-/service switch Version as meintenance-/service switch Version as meins method.       Fitted with:     Red rotary handle and yellow locking ring       Functions     Emergency switching off function	Product Type	Main switch
Features & Functions  Features  Features  Features  Features  Fired with:  Functions  Fired with:  Functions  Formation  Degree of protection (front side)  Lifespan, mechanical  Mounting method  Mounting position  Mounting frequency  Degree of contact units  Operating frequency  Degree of grotection (front side)  Lifespan, mechanical  Mounting position  Mounting frequency  Overvoltage category  Pollution degree  Rated impulse withstand voltage (Uimp)  Safe isolation  Safe isolation  Safe isolation  Safety parameter (EN ISO 13849-1)  Shock resistance  Suitable for  Lifeston  Lifeston  Version as maintenance-/service switch version as maintenance-/service switch version as memery switching off function (route) switched and yellow locking ring  Lockable in the 0 (Off) position  Lockable in the 0 (Off) position  NEMA 12  Lockable in the 0 (Off) position  NEMA 12  Ple5  HEAT  A Sequired  A sequired  A sequired  A sequired  I 1200 Operations/h  I 12	Product Sub Type	None
Features substance of the seatures substance	Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
Fitted with: Finctions Finction Finctions Finctions Finctions Finctions Finctions Finctions Finc	eatures & Functions	
Functions  Locking facility Locking facility Locking facility Lockable Locking facility Lockable Locking facility Lockable Locking facility Lockable Lockable in the 0 (off) position  8  Beneral information  Degree of protection Degree of protection Degree of protection (front side) Lifespan, mechanical Lifespan, mechanical Mounting method Mounting position Mounting position Mounting position As required Lockable in the 0 (off) position Lockable in the 0 (off) position  NEMA 12 Lifespan, 12 Lifespan, 12 Lifespan, 12 Lifespan, 12 Lifespan, 13 Lifespan, 14 Lifespan, 15 Life	Features	Version as emergency stop installation
Locking facility Locking facility  Number of poles  Begree of protection Degree of protection (front side) Lifespan, mechanical Mounting method Mounting position  Mounting position  Number of contact units  Operating frequency Overvoltage category  Pollution degree  Rated impulse withstand voltage (Uimp) Safety parameter (EN ISO 13849-1) Shock resistance  Suitable for  Suitable for  Suitable for  Number of ground mounting granch circuits, suitable as motor disconnect, (UL/CSA)  Interlockable  Lickable in the O (Off) position  Lockable in the O (Off) position  Rear Mounting  NEMA 12  IP65  NEMA 12  IP65  NEMA 12  IP65  Rear mounting  Rear mount	Fitted with:	Red rotary handle and yellow locking ring
Number of poles eneral information  Degree of protection Degree of protection (front side) Lifespan, mechanical Mounting method Mounting position Mounting position Mounting position Mounting position Mounting position Mounting frequency Degree of protection (front side) Lifespan, mechanical Mounting position Mounting	Functions	
Degree of protection Degree of protection (front side) Lifespan, mechanical Mounting method Mounting position Mounting p	Locking facility	Lockable in the 0 (Off) position
Degree of protection Degree of protection (front side) Lifespan, mechanical Mounting method Mounting position Mounting position Mounting frequency Operating frequency Overvoltage category Rated impulse withstand voltage (Uimp) Safety parameter (EN ISO 13849-1) Shock resistance Suitable for	Number of poles	8
Degree of protection (front side)  Lifespan, mechanical  Mounting method  Mounting position  Mounting position  Number of contact units  Operating frequency  Overvoltage category  Pollution degree  Rated impulse withstand voltage (Uimp)  Safety parameter (EN ISO 13849-1)  Shock resistance  Suitable for  Degree of protection (front side)  P1P65  400,000 Operations  Rear mounting  Rear mounting  As required  4  4  4  4  4  4  4  4  4  4  4  4  6  6	eneral information	
Lifespan, mechanical Mounting method Rear mounting Mounting position As required As required  Advantable of perations/h  III  Bood V AC  Safe isolation Advantable (Uimp) Bood V AC  Safety parameter (EN ISO 13849-1) Shock resistance Billod values as per EN ISO 13849-1, table C.1  Shock resistance Suitable for Ground mounting Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Degree of protection	NEMA 12
Mounting method Mounting position As required  As required  Unumber of contact units As required  As as required  As required  As as required  As as required  As as a	Degree of protection (front side)	IP65
Mounting position  Number of contact units  4  Operating frequency  1200 Operations/h  UII  Pollution degree  3  Rated impulse withstand voltage (Uimp)  Safety parameter (EN ISO 13849-1)  Shock resistance  Suitable for  Mounting position  As required  4  4  As required  Foundanneh  As required  As required  As required  As required  Both  As required  Both  As required  As as required  Both  As required  As required  As required  As required  Both  As required  As as required  Both  As required  As as as required  Both  As required  As	Lifespan, mechanical	400,000 Operations
Number of contact units  Operating frequency  1200 Operations/h  III  Pollution degree  3  Rated impulse withstand voltage (Uimp)  Safe isolation  Safety parameter (EN ISO 13849-1)  Shock resistance  Suitable for  Suitable for  Number of contact units  4  4  4  4  4  4  4  4  4  4  4  4  4	Mounting method	Rear mounting
Operating frequency Overvoltage category III  Pollution degree 3  Rated impulse withstand voltage (Uimp) 6000 V AC  Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Ground mounting Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Mounting position	As required
Overvoltage category  Pollution degree  3  Rated impulse withstand voltage (Uimp)  Safe isolation  Safety parameter (EN ISO 13849-1)  Shock resistance  Suitable for  Ground mounting Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Number of contact units	4
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 m  Suitable for Ground mounting Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Operating frequency	1200 Operations/h
Rated impulse withstand voltage (Uimp)  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  Suitable for  Ground mounting Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Overvoltage category	III
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 m  Ground mounting Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Pollution degree	3
Safety parameter (EN ISO 13849-1)  Shock resistance  Suitable for  B10d values as per EN ISO 13849-1, table C.1  15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 m  Ground mounting Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Rated impulse withstand voltage (Uimp)	6000 V AC
Shock resistance 15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 m Suitable for Ground mounting Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Safe isolation	440 V AC, Between the contacts, According to EN 61140
Suitable for Ground mounting Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms
Switching angle 90 °	Suitable for	Intermediate mounting
	Switching angle	90 °

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	50 °C
Ambient operating temperature (enclosed) - min	-25 °C
Ambient operating temperature (enclosed) - max	40 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Terminal capacities	
Terminal capacity	$2 \times (0.75 - 2.5) \text{ mm}^2$ , flexible with ferrules to DIN 46228 1 x (1 - 2.5) mm², solid or stranded 18 - 14 AWG, solid or flexible with ferrule 1 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 2 x (1 - 2.5) mm², solid or stranded
Screw size	M3.5, Terminal screw
Tightening torque	1 Nm, Screw terminals 8.8 lb-in, Screw terminals
Electrical rating	
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	100 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	110 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	80 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	60 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	11.5 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	11.5 A
Rated operational current (Ie) at AC-3, 500 V	9 A
Rated operational current (le) at AC-3, 660 V, 690 V	4.9 A
Rated operational current (le) at AC-21, 440 V	20 A
Rated operational current (Ie) at AC-23A, 230 V	13.3 A
Rated operational current (le) at AC-23A, 400 V, 415 V	13.3 A
Rated operational current (le) at AC-23A, 500 V	13.3 A
Rated operational current (le) at AC-23A, 690 V	7.6 A
Rated operational current (le) at DC-1, load-break switches I/r = 1 ms	10 A
Rated operational current (Ie) at DC-13, control switches L/R = 50 ms	10 A
Rated operational current (le) at DC-21, 240 V	1A
Rated operational current (le) at DC-23A, 24 V	10 A
Rated operational current (le) at DC-23A, 48 V	10 A
Rated operational current (le) at DC-23A, 60 V	10 A
Rated operational current (le) at DC-23A, 120 V	5 A
Rated operational current (le) at DC-23A, 240 V	5 A
Rated operational current (le) star-delta at AC-3, 220/230 V	20 A
Rated operational current (le) star-delta at AC-3, 380/400 V	20 A
Rated operational current (le) star-delta at AC-3, 500 V	15.6 A
Rated operational current (Ie) star-delta at AC-3, 690 V	8.5 A
Rated operational power at AC-3, 380/400 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 415 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 500 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 690 V, 50 Hz	4 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	3 kW
Rated operational power at AC-23A, 400 V, 50 Hz	5.5 kW
Rated operational power at AC-23A, 500 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 690 V, 50 Hz	5.5 kW
Rated operational power star-delta at 220/230 V, 50 Hz	5.5 kW
Rated operational power star-delta at 380/400 V, 50 Hz	7.5 kW
Rated operational power star-delta at 500 V, 50 Hz	7.5 kW
Rated operational power star-delta at 690 V, 50 Hz	5.5 kW
Rated uninterrupted current (Iu)	20 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Short-circuit rating	
Rated conditional short-circuit current (Iq)	6 kA

Rated short-time withstand current (Icw)	0.32 kA 320 A, Contacts, 1 second
Short-circuit current rating (basic rating)	5 kA, SCCR (UL/CSA) 50A, max. Fuse, SCCR (UL/CSA)
Short-circuit current rating (high fault)	20 A, Class J, max. Fuse, SCCR (UL/CSA) 10 kA, SCCR (UL/CSA)
Short-circuit protection rating	20 A gG/gL, Fuse, Contacts
Switching capacity	
Load rating	2 x l# (with intermittent operation class 12, 25 % duty factor)
	1.3 x I# (with intermittent operation class 12, 60 % duty factor) 1.6 x I# (with intermittent operation class 12, 40 % duty factor)
Number of contacts in series at DC-21A, 240 V	1
Number of contacts in series at DC-23A, 24 V	1
Number of contacts in series at DC-23A, 48 V	2
Number of contacts in series at DC-23A, 60 V	3
Number of contacts in series at DC-23A, 120 V	3
Number of contacts in series at DC-23A, 240 V	5
Switching capacity (main contacts, general use)	16 A, Rated uninterrupted current max. (UL/CSA)
Switching capacity (auxiliary contacts, general use)	10A, IU, (UL/CSA)
Switching capacity (auxiliary contacts, pilot duty)	P300 (UL/CSA) A600 (UL/CSA)
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	130 A
Voltage per contact pair in series	60 V
Motor rating	
Assigned motor power at 115/120 V, 60 Hz, 1-phase	0.5 HP
Assigned motor power at 200/208 V, 60 Hz, 1-phase	1 HP
Assigned motor power at 200/208 V, 60 Hz, 3-phase	3 HP
Assigned motor power at 230/240 V, 60 Hz, 1-phase	1.5 HP
Assigned motor power at 230/240 V, 60 Hz, 3-phase	3 HP
Assigned motor power at 460/480 V, 60 Hz, 3-phase	7.5 HP
Assigned motor power at 575/600 V, 60 Hz, 3-phase	7.5 HP
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)	0
Number of auxiliary contacts (normally open contacts)	0
Actuator	
Actuator color	Red
Actuator type	Door coupling rotary drive
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0.6 W
Rated operational current for specified heat dissipation (In)	20 A
Static heat dissipation, non-current-dependent Pvs	0 W
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	UV resistance only in connection with protective shield.
10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.

10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## **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 switch         Yes           Version as maintenance/service switch         Yes           Version as safety switch         Yes           Version as sergery step installation         Yes           Version as reversing switch         No           Number of switches         Yes           Max. rated operation voltage Ue AC         Yes           Rated operation voltage Ue AC         Yes           Rated operation voltage Ue AC         Yes           Rated permanent current 1 AC-23, 400 Y         Ae           Rated permanent current 2 AC-2, 400 Y         Ae           Rated permanent current with AC-23, 400 Y         Yes           Rated operation power at AC-3, 400 Y         Yes           Rated operation power at AC-3, 400 Y         Yes           Rated operation power at AC-3, 400 Y         Yes           Switching power at 400 Y         Yes           Conditioned rated short-circuit current Iq         Yes           Number of poles         Yes           Number of auxiliary contacts as normally closed contact         Yes           Number of auxiliary contacts as normally closed contact         Yes           Mottor drive integrated         Yes           Voltage release optional         Yes           Davice construction	*		
Version as safety switch Version as emergency stop installation Version as emergency stop installation Version as reversing switch Number of switches Max. rated operation voltage UeAC Nated operation voltage UeAC Rated operating voltage Rated operating voltage Rated operating voltage Rated operating voltage Rated operation power at AC-23,400 V Rated operation power at AC-23,400 V Rated operation power at AC-3,400 V Rated short-time withstand current lew Rated operation power at AC-3,400 V Rated short-time withstand current lew Rated operation power at AC-3,400 V Rated short-time withstand current lew Rated operation power at AC-3,400 V Rated short-time withstand current lew Rated operation power at AC-3,400 V Route of police Rated operation power at AC-3,400 V Route of police operation power at AC-3,400 V Route of police Rated operation power at AC-3,400 V Route of auxiliary contacts as normally closed contact Route of auxiliary contacts as normally closed contact Route of auxiliary contacts as normally open contact Route of auxiliary contacts as a change-over contact Route of auxiliary contacts as change-over contact Route of auxiliary contacts as a change-over contact Route of auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for auxiliary contacts as a change-over contact Route of for	Version as main switch		Yes
Version as emergency stop installation         Yes           Version as reversing switch         No           Number of switches         1           Max. rated operation voltage UaC         V         680           Rated operation voltage         V         680-690           Rated permanent current lum         A         20           Rated permanent current at AC-23, 400 V         A         20           Rated operation power at AC-3, 400 V         A         20           Rated operation power at AC-3, 400 V         KW         55           Rated operation power at AC-23, 400 V         KW         55           Switching power at 400 V         KW         55           Conditioned rated short-circuit current lq         KA         6           Number of auxiliary contacts as normally closed contact         KA         6           Number of auxiliary contacts as normally open contact         C         0           Motor drive integrated         C         No           Motor drive integrated         C         No           Voltage release optional         C         No           Device construction         C         Built-indevice fixed built-in technique           Suitable for floor mounting         C         No	Version as maintenance-/service switch		Yes
Version as reversing switch         Intercept of the control of switches         1           Max. rated operation voltage Ue AC         V         690           Rated operating voltage         V         690-890           Rated operating voltage         A         A           Rated permanent current at AC-23, 400 V         A         20           Rated permanent current at AC-3, 400 V         A         20           Rated short-time withstand current lcw         K         A         32           Rated short-circuit current lq         K         A         6           Number of auxiliary contacts as normally closed contact         K         6         6           Number of auxiliary contacts as normally open contact         K         No         No           Motor drive optional         K         No         No           Motor drive integrated         K         No         No           Voltage release optiona	Version as safety switch		No
Number of switches  Max. rated operation voltage Ue AC  Rated operating voltage  Rated permanent current Iu  Rated permanent current at AC-23, 400 V  Rated permanent current at AC-23, 400 V  Rated permanent current at AC-23, 400 V  Rated permanent current at AC-21, 400 V  Rated permanent current at AC-21, 400 V  Rated permanent current at AC-23, 400 V  Rated permanent current lcw  Rated permanent current lcw  Rated permanent current lcw  Rated permanent current withstand current lcw  Rated permanent current lat AC-23, 400 V  Rated permanent current lcw	Version as emergency stop installation		Yes
Max. rated operation voltage Ue AC         V         890           Rated operating voltage         V         690 - 690           Rated permanent current lu         A         20           Rated permanent current at AC-23, 400 V         A         20           Rated permanent current at AC-21, 400 V         A         20           Rated operation power at AC-3, 400 V         KW         5.5           Rated operation power at AC-23, 400 V         KW         5.5           Rated operation power at AC-23, 400 V         KW         5.5           Switching power at 400 V         KW         5.5           Switching power at 400 V         KW         5.5           Conditioned rated short-circuit current lq         KA         6           Number of poles         KA         6         6           Number of auxiliary contacts as normally open contact         KA         6         6           Number of auxiliary contacts as change-over contact         KA         No         No           Motor drive integrated         No         No         No           Voltage release optional         No         No         No           Suitable for frour mounting         Built-in device fixed built-in technique         Ves           Suitable for front	Version as reversing switch		No
Rated operating voltage         V         690-690           Rated permanent current lu         A         20           Rated permanent current at AC-23, 400 V         A         20           Rated operation power at AC-31, 400 V         kW         5.5           Rated short-time withstand current lcw         kA         0.32           Rated operation power at AC-23, 400 V         kW         5.5           Svitching power at 400 V         kW         5.5           Conditioned rated short-circuit current lq         kA         6           Number of poles         8         8           Number of auxiliary contacts as normally closed contact         y         0           Number of auxiliary contacts as normally open contact         y         0           Number of auxiliary contacts as change-over contact         y         0           Motor drive optional         y         No           Motor drive integrated         y         No           Voltage release optional         y         b         with indevice fixed built-in technique           Suitable for floor mounting         y         No           Suitable for front mounting 4-hole         y         No           Suitable for distribution board installation         y         No	Number of switches		1
Rated permanent current lu Rated permanent current at AC-23, 400 V Rated permanent current at AC-21, 400 V Rated operation power at AC-3, 400 V Rated short-time withstand current lcw Rated operation power at AC-23, 400 V Rated operation power at AC-23, 400 V Rw 55 Switching power at 400 V Conditioned rated short-circuit current lq Rw 66 Number of poles Number of poles Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Notor drive integrated Voltage release optional Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for distribution board installation Suitable for distribution board installation Suitable for intermediate mounting	Max. rated operation voltage Ue AC	V	690
Rated permanent current at AC-23, 400 V Rated permanent current at AC-21, 400 V Rated operation power at AC-3, 400 V Rated operation power at AC-3, 400 V Rated short-time withstand current lcw Rated operation power at AC-23, 400 V Rated operation power at AC-23, 400 V Rated operation power at AC-23, 400 V Rw 5.5 Switching power at 400 V Conditioned rated short-circuit current lq Rw 6 Number of poles Number of poles Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Notor drive optional Notor drive integrated Notor drive integrated Notor drive integrated Notor drive construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting 4-hole Suitable for fornt mounting centre Suitable for distribution board installation Suitable for intermediate mounting Suitable for intermediate mounting	Rated operating voltage	V	690 - 690
Rated permanent current at AC-21, 400 V         A         20           Rated operation power at AC-3, 400 V         kW         5.5           Rated short-time withstand current lcw         kA         0.32           Rated operation power at AC-23, 400 V         kW         5.5           Switching power at 400 V         kW         5.5           Conditioned rated short-circuit current Iq         kA         6           Number of poles         8         8           Number of auxiliary contacts as normally closed contact         0         0           Number of auxiliary contacts as normally open contact         0         0           Number of auxiliary contacts as change-over contact         0         No           Motor drive optional         No         No           Motor drive integrated         No         No           Voltage release optional         No         No           Device construction         Built-in device fixed built-in technique           Suitable for floor mounting         Yes           Suitable for front mounting 4-hole         No           Suitable for front mounting centre         No           Suitable for intermediate mounting         No           Suitable for intermediate mounting         Yes	Rated permanent current lu	Α	20
Rated operation power at AC-3, 400 V         kW         5.5           Rated short-time withstand current lcw         kA         0.32           Rated operation power at AC-23, 400 V         kW         5.5           Switching power at 400 V         kW         5.5           Conditioned rated short-circuit current Iq         kA         6           Number of poles         8         8           Number of auxiliary contacts as normally closed contact         0         0           Number of auxiliary contacts as normally open contact         0         0           Number of auxiliary contacts as change-over contact         0         No           Motor drive integrated         No         No           Voltage release optional         No         No           Device construction         Built-in device fixed built-in technique           Suitable for floor mounting         Yes           Suitable for front mounting 4-hole         No           Suitable for firent mounting centre         No           Suitable for distribution board installation         No           Suitable for intermediate mounting         Yes	Rated permanent current at AC-23, 400 V	А	
Rated short-time withstand current Icw Rated operation power at AC-23, 400 V  WW 5.5  Switching power at 400 V  Conditioned rated short-circuit current Iq  WA 6  Number of poles  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 optional  Motor drive integrated  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  Suitable for distribution board installation  Suitable for intermediate mounting  Suitable for intermediate mounting  Suitable for intermediate mounting  Suitable for intermediate mounting	Rated permanent current at AC-21, 400 V	А	20
Rated operation power at AC-23, 400 V  kW 5.5  Switching power at 400 V  Conditioned rated short-circuit current Iq  kA 6  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 optional  Motor drive integrated  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  Suitable for finot mounting centre  Suitable for intermediate mounting  Suitable for intermediate mounting  Suitable for intermediate mounting  Suitable for intermediate mounting	Rated operation power at AC-3, 400 V	kW	5.5
Switching power at 400 V  Conditioned rated short-circuit current Iq  kA  6  Number of poles  Number of auxiliary contacts as normally closed contact  Number of auxiliary contacts as normally open contact  Number of auxiliary contacts as change-over contact  Number of auxiliary contacts as change-over contact  Motor drive optional  Motor drive optional  Motor drive integrated  Voltage release optional  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting centre  Suitable for distribution board installation  Suitable for intermediate mounting  Suitable for intermediate mounting  Suitable for intermediate mounting  Yes	Rated short-time withstand current lcw	kA	0.32
Conditioned rated short-circuit current Iq  kA  6  Number of poles  Number of auxiliary contacts as normally closed contact  Number of auxiliary contacts as normally open contact  Number of auxiliary contacts as change-over contact  Number of auxiliary contacts as change-over contact  No  Motor drive optional  Motor drive integrated  No  Voltage release optional  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting centre  Suitable for distribution board installation  Suitable for intermediate mounting  Ves  Suitable for intermediate mounting  Ves  Ves	Rated operation power at AC-23, 400 V	kW	5.5
Number of poles  Number of auxiliary contacts as normally closed contact  Number of auxiliary contacts as normally open contact  Number of auxiliary contacts as change-over contact  Number of auxiliary contacts as change-over contact  Notor drive optional  Notor drive integrated  Notor drive internediate mounting 4-hole  Suitable for front mounting 4-hole  Suitable for distribution board installation  Notor drive integrated  Notor dri	Switching power at 400 V	kW	5.5
Number of auxiliary contacts as normally closed contact  Number of auxiliary contacts as normally open contact  Number of auxiliary contacts as change-over contact  Number of auxiliary contacts as change-over contact  No  Motor drive optional  No  No  Voltage release optional  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting centre  Suitable for distribution board installation  Suitable for distribution board installation  Suitable for intermediate mounting  Yes  Yes	Conditioned rated short-circuit current Iq	kA	6
Number of auxiliary contacts as normally open contact  Number of auxiliary contacts as change-over contact  O  Motor drive optional  Motor drive integrated  No  Voltage release optional  No  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for distribution board installation  Suitable for intermediate mounting  Suitable for intermediate mounting  No  Suitable for intermediate mounting  Yes  Suitable for intermediate mounting  Yes	Number of poles		8
Number of auxiliary contacts as change-over contact  Motor drive optional  Motor drive integrated  No  Voltage release optional  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting centre  Suitable for distribution board installation  Suitable for intermediate mounting  Yes  Suitable for intermediate mounting  Yes	Number of auxiliary contacts as normally closed contact		0
Motor drive optional Motor drive integrated No Voltage release optional Device construction Built-in device fixed built-in technique Suitable for floor mounting Yes Suitable for front mounting 4-hole Suitable for front mounting centre No Suitable for distribution board installation Suitable for intermediate mounting Yes	Number of auxiliary contacts as normally open contact		0
Motor drive integrated  No Voltage release optional  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting centre  Suitable for distribution board installation  Suitable for intermediate mounting  No  Yes  Yes	Number of auxiliary contacts as change-over contact		0
Voltage release optional  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting centre  Suitable for distribution board installation  Suitable for intermediate mounting  Yes  No  Suitable for intermediate mounting	Motor drive optional		No
Device construction  Built-in device fixed built-in technique  Suitable for floor mounting  Yes  Suitable for front mounting 4-hole  Suitable for front mounting centre  No  Suitable for distribution board installation  Suitable for intermediate mounting  Yes	Motor drive integrated		No
Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting centre  No  Suitable for distribution board installation  Suitable for intermediate mounting  Yes	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  Yes	Device construction		Built-in device fixed built-in technique
Suitable for front mounting centre  No Suitable for distribution board installation  No Suitable for intermediate mounting  Yes	Suitable for floor mounting		Yes
Suitable for distribution board installation  Suitable for intermediate mounting  No  Yes	Suitable for front mounting 4-hole		No
Suitable for intermediate mounting  Yes	Suitable for front mounting centre		No
	Suitable for distribution board installation		No
	Suitable for intermediate mounting		Yes
Colour control element Red	Colour control element		Red
Type of control element Door coupling rotary drive	Type of control element		Door coupling rotary drive
Interlockable Yes	Interlockable		Yes
Type of electrical connection of main circuit Screw connection	Type of electrical connection of main circuit		Screw connection
Degree of protection (IP), front side IP65	Degree of protection (IP), front side		IP65
Degree of protection (NEMA) 12	Degree of protection (NEMA)		12