Main switch, T0, 20 A, rear mounting, 3 contact unit(s), 3 pole, 2 N/0, 1 N/C, STOP function, With black rotary handle and locking ring, Lockable in the 0 (Off) position



Part no. T0-3-15683/V/SVB-SW 015664

Fact Inc. EMN 103-11883 N/SVP-SW 101-11883 N/S		
Portuce Longin/Depth Produce Longin/Depth Produce Indiget Produce twight Produce twight Produce wight Produce wigh	Product name	Eaton Moeller® series T0 Main switch
Product Length (Popph Product Holight Product holight Product holight Product winds 1 85 millimetre 1 185 mi	Part no.	T0-3-15683/V/SVB-SW
Product height Product width Product width Product woight Conflications If Expression and State	EAN	4015080156642
Product width Product weight Carifications C	Product Length/Depth	137 millimetre
Product Tysichestons	Product height	74 millimetre
Certifications VL Category Control No.: NLRV VSR 6600 SECEN 90004 CSA-022 No. 98 IECON 80004 No. 90 I	Product width	65 millimetre
Section of the content of the conten	Product weight	0.158 kilogram
Product Type Product Sub Type Catalog Notes Reatures Relatures Rel	Certifications	VDE 0660 CSA IEC/EN 60204 CSA-C22.2 No. 94 IEC/EN 60947 CSA-C22.2 No. 60947-4-1-14 UL File No.: E36332 CSA File No.: 012528 IEC/EN 60947-3 UL 60947-4-1 CE UL
Product Sub Type Catalog Notes Rated Short-time Withstand Current (Icw) for a time of 1 second Features Version as main switch Version Should and Islands Should and Islands Should and Islands As required As required As required As required As required As required A	Product Tradename	ТО
Catalog Notes Rated Short-time Withstand Current (Icw) for a time of 1 second Features Version as main switch Version as main switch Version as maintennee-/service switch Fitted with: Black rotary handle and locking ring Functions STOP function Locking facility Lockable in the 0 (Off) position Number of poles 3 Degree of protection NEMA 12 Degree of protection (front side) IP65 Lifespan, mechanical 400,000 Operations Mounting method Rear mounting Mounting position As required Number of contact units 3 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 60088-2-27, Half-sinusoidal shock 20 ms Suitable for Intermediate mounting Ground mounting G	Product Type	Main switch
Features Version as main switch Version as main tenturis As plack rotary handle and locking ring NEMA 12 Lockable in the 0 (Off) position NEMA 12 NEMA 12 NEMA 12 NEMA 12 New mounting Version as main tenture (Off) Position Intermediate muniting Version as main tenture in switch Version as main tenture in switch Version as main tenture in switch Version as main tenture in tenture	Product Sub Type	None
Fitted with: Fitted with: Finctions Finction Finctions Finction Finct	Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
Fitted with: Fitted with: Finctions Finction Finctions Finction Finct		
Functions STOP function Interlockable Locking facility Lockable in the 0 (Off) position Number of poles NEMA 12 Degree of protection Degree of protection (front side) Lifespan, mechanical Mounting method Mounting method Mounting method Mounting position As required Mounting frequency Lockable in the 0 (Off) position Mounting method Rear mounting Mounting Mounting position As required June 1200 Operations/h Lifespan, mechanical Lockable in the 0 (Off) position MEMA 12 Rear mounting Mounting method Rear mounting Lockable in the 0 (Off) position MEMA 12 Lockable in the 0 (Off) position NEMA 12 Lockable in the 0 (Off)	Features	
Locking facility Lockable in the 0 (Off) position Number of poles 3 Degree of protection NEMA 12 Degree of protection (front side) 1P65 Lifespan, mechanical 400,000 Operations Mounting method Rear mounting Mounting position As required Number of contact units 3 Operating frequency 1200 Operations/h Ouervoltage category III Pollution degree 3 Rated impulse withstand voltage (Uimp) 60000 V AC Safet 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 Intermediate mounting Ground mounting Branch circuits, suitable as motor disconnect, (UI/CSA)	Fitted with:	Black rotary handle and locking ring
Number of poles Degree of protection NEMA 12 Degree of protection (front side) Lifespan, mechanical Mounting method Mounting position Number of contact units Operating frequency Overvoltage category Ill Pollution degree Rated impulse withstand voltage (Uimp) Safe isolation Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Functions	
Degree of protection Degree of protection (front side) Lifespan, mechanical Mounting method Mounting position Number of contact units Operating frequency Overvoltage category Ill Pollution degree Rated impulse withstand voltage (Uimp) Safety parameter (EN ISO 13849-1) Shock resistance Suitable for NEMA 12 NE	Locking facility	Lockable in the 0 (Off) position
Degree of protection (front side) Lifespan, mechanical Mounting method Mounting position Mounting position Mounting of contact units Operating frequency Overvoltage category Follution degree Rated impulse withstand voltage (Uimp) Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Number of poles	3
Degree of protection (front side) Lifespan, mechanical Mounting method Mounting position Mounting position Mounting of contact units Operating frequency Overvoltage category Follution degree Rated impulse withstand voltage (Uimp) Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Intermediate mounting Branch circuits, suitable as motor disconnect, (UL/CSA)		
Lifespan, mechanical 400,000 Operations Mounting method Rear mounting Mounting position As required Number of contact units 3 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 Intermediate mounting Ground mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Degree of protection	NEMA 12
Mounting method Mounting position As required As required Number of contact units Operating frequency Overvoltage category Ill Pollution degree Rated impulse withstand voltage (Uimp) Safe is olation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Suitable for Suitable for Rear mounting Safety parameter (EN ISO 1849-1) Shock resistance Suitable for Rear mounting	Degree of protection (front side)	IP65
Mounting position As required Number of contact units Operating frequency 1200 Operations/h III Pollution degree Rated impulse withstand voltage (Uimp) Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for III 6000 V AC 440 V AC, Between the contacts, According to EN 61140 B10d values as per EN ISO 13849-1, table C.1 Intermediate mounting Ground mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	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 Intermediate mounting Ground mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	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 Intermediate mounting Ground 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 III 6000 V AC 440 V AC, Between the contacts, According to EN 61140 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 ms Intermediate mounting Ground mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Number of contact units	3
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 Intermediate mounting Ground mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Operating frequency	1200 Operations/h
Rated impulse withstand voltage (Uimp) 6000 V AC Safe isolation 440 V AC, Between the contacts, According to EN 61140 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 Intermediate mounting Ground mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Overvoltage category	III
Safe isolation 440 V AC, Between the contacts, According to EN 61140 810d values as per EN ISO 13849-1, table C.1 810d values as per EN ISO 13849-1, table C.1 15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms 810d values as per EN ISO 13849-1, table C.1 15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms 810d values as per EN ISO 13849-1, table C.1 15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms 810d values as per EN ISO 13849-1, table C.1 15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms 810d values as per EN ISO 13849-1, table C.1	Pollution degree	3
Safety parameter (EN ISO 13849-1) Shock resistance 15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms Suitable for Intermediate mounting Ground 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 ms Suitable for Intermediate mounting Ground mounting Branch circuits, suitable as motor disconnect, (UL/CSA)	Safe isolation	440 V AC, Between the contacts, According to EN 61140
Suitable for Intermediate mounting Ground 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
Ground 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	Ground mounting
	Switching angle	90 °

Ambient operating temperature - max	50 °C
Ambient operating temperature (enclosed) - min	-25 °C
Ambient operating temperature (enclosed) - max	40 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Terminal capacity	1 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 2 x (1 - 2.5) mm², solid or stranded 2 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 18 - 14 AWG, solid or flexible with ferrule 1 x (1 - 2.5) mm², solid or stranded
Screw size	M3.5, Terminal screw
Tightening torque	8.8 lb-in, Screw terminals 1 Nm, Screw terminals
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 (le) at AC-3, 500 V	9 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	4.9 A
Rated operational current (Ie) 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 (Ie) at AC-23A, 500 V	13.3 A
Rated operational current (Ie) at AC-23A, 690 V	7.6 A
Rated operational current (Ie) 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	1 A
Rated operational current (Ie) at DC-23A, 24 V	10 A
Rated operational current (Ie) 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 (Ie) at DC-23A, 240 V	5 A
Rated operational current (Ie) star-delta at AC-3, 220/230 V	20 A
Rated operational current (Ie) 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-33A, 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, 400 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 300 V, 50 Hz	5.5 kW
Rated operational power at AC-23A, 650 V, 35 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 500 V, 50 Hz	5.5 kW
Rated operational voltage (Ue) at AC - min	690 V
Rated operational voltage (Ue) at AC - mini	690 V
Rated uninterrupted current (Iu)	20 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.

Rated short-time withstand current (Icw)	0.32 kA 320 A, Contacts, 1 second
Short-circuit current rating (basic rating)	50A, max. Fuse, SCCR (UL/CSA) 5 kA, 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
Load rating	1.3 x l# (with intermittent operation class 12, 60 % duty factor) $2 \times l\#$ (with intermittent operation class 12, 25 % duty factor) 1.6 x l# (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
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
Control circuit reliability	1 failure per 100,000 switching operations statistically determined, at 24 V DC, mA)
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	1
Number of auxiliary contacts (normally open contacts)	2
Actuator color	Black
Actuator type	Door coupling rotary drive
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 awisch Yes Version as maintensance-jearvice switch Cere journel Yes Version as a margency stop installation Cere journel No Version as a margency stop installation Cere journel No Version as a margency stop installation Cere journel No Version as a margency stop installation Cere journel No Number of switches Cere journel No Rated operation voltage Ue AC V 680-680 Rated operating voltage C A 2 Rated operation voltage Ue AC A 2 2 Rated operation voltage Ue AC A 2 2 Rated operation voltage Ue AC A 2 2 Rated operation power at AC-3, 400 V A 2 2 Rated operation power at AC-2, 400 V A 3 3 Switching power at 400 V A 5 3 Switching power at AC-2, 400 V A 6 4 Number of policianty contacts as change-over contact A 2 4	[AKF060013])		
Version as safety switch Mo Version as emergency stop installation No Version as a reversing switch No Max. rated operation voltage Ue AC V 690 Rated operating voltage A 0 Rated operating voltage A 0 Rated permanent current at AC-24,400 V A 0 Rated operation power at AC-3,400 V A 0 Rated operation power at AC-3,400 V A 0 Rated operation power at AC-3,400 V A 0 Sultiching power at AC-3,400 V A 0 Sultiching power at AC-3,400 V A 0 Conditioned rated short-circuit current Iq A A Number of auxiliary contacts as normally closed contact B A Number of auxiliary contacts as normally closed contact B A Number of auxiliary contacts as normally closed contact B A	Version as main switch		Yes
Version as emergency storp installation No Version as reversing switch No Number of switches 1 Rized operation voltage UeAC 60 Rized operation voltage UeAC 60 Rized operation voltage UeAC 60 Rized operation voltage UeAC 60 Rized permanent current ue CAC3,400 V 60 Rized operation power at AC2,300 V 5 Rized short-time withstand current low 5 Rized operation power at AC2,3400 V 6 Rized short-time withstand current low 6 Conditioned state short-time uterrent low 1 Number of poles 1 1 Number of auxiliary contacts as normally closed contact 1 1 Number of auxiliary contacts as change-over contact 1 1 1 Motor drive optional	Version as maintenance-/service switch		Yes
Version as ravesing switch No Number of switches 1 Max. rated operation voltage Us AC V 680-890 Rated operating voltage A 20 680-890 Rated permanent current un A 20 A Rated permanent current at AC-23, 400 V A 20 A Rated spermanent current at AC-21, 400 V A 20 A Rated spermanent current at AC-21, 400 V A 3 5 Rated short-dirent durrent lev A 3 5 Rated short-dirent distand current lev A 8 5 Switching power at AC-23, 400 V A 8 5 Switching power at 400 V AW 5 5 Switching power at 400 V AW 5 5 Number of poles AW 6 6 Number of poles A 6 8 Motor of rive optional A 9 9 Motor of rive optional A 9 9 Voltage or laws optional	Version as safety switch		No
Number of switches 1 1 Max. rated operation voltage Ue AC V 90 Rated operation voltage Ue AC V 80-880 Rated permanent current at AC-23, 400 V A 2 Rated permanent current at AC-21, 400 V A 2 Rated operation power at AC-3, 400 V A 3 Rated operation power at AC-23, 400 V KW 5 Rated operation power at AC-23, 400 V KW 5 Rated operation power at AC-23, 400 V KW 5 Switching power at 400 V KW 5 Switching power at 400 V KW 5 Conditioned rated short-circuit current lq KW 5 Number of pulse KW 5 Number of auxiliary contacts as normally open contact KW 6 Number of auxiliary contacts as change-over contact KW 8 Number of auxiliary contacts as change-over contact KW 9 Number of auxiliary contacts as change-over contact KW 9 Suitable for fill for mounting KW 9 Suitable	Version as emergency stop installation		No
Max. rated operation voltage Ue AC V 690 Rated operating voltage V 90 - 690 Rated permanent current Iu A 20 Rated permanent current at AC-24,400 V A 20 Rated permanent current at AC-21,400 V A 30 Rated operation power at AC-3,400 V B 30 Rated short-time withstand current lew C KW 55 Rated short-time withstand current lew C KW 55 Rated short-time withstand current lew C KW 55 Switching power at AC-33, 400 V SW 55 Switching power at 400 V C KW 55 Switching power at 400 V SW 5 5 Number of poles SW 5 3 3 Number of swilling contacts as normally cone contact SW 5 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <td< td=""><td>Version as reversing switch</td><td></td><td>No</td></td<>	Version as reversing switch		No
Rated operating voltage V 60-690 Rated permanent current tu A 2 Rated permanent current at AC-23, 400 V A 2 Rated permanent current at AC-21, 400 V B 2 Rated permanent current at AC-21, 400 V B 2 Rated operation power at AC-3, 400 V B 3 Rated operation power at AC-23, 400 V B 5 Switching power at 400 V B 5 Switching power at 400 V B 3 Switching power at 400 V B 3 Number of poles B 4 6 Number of auxiliary contacts as normally closed contact B 1 9 Number of auxiliary contacts as normally open contact B 1 9 Number of auxiliary contacts as change-over contact B 1 9 Number of auxiliary contacts as change-over contact B 1 9 Number of auxiliary contacts as change-over contact B 1 9 1 Note of divide integrated B 1 9 <t< td=""><td>Number of switches</td><td></td><td>1</td></t<>	Number of switches		1
Rated permanent current tu A 20 Rated permanent current at AC-23, 400 V A 20 Rated permanent current at AC-23, 400 V A 20 Rated operation power at AC-23, 400 V KW 55 Rated operation power at AC-23, 400 V KW 5 Switching power at 400 V KW 5 Conditioned rated short-circuit current Iq KW 6 Number of poles KW 6 Number of auxiliary contacts as normally closed contact KW 6 Number of auxiliary contacts as normally open contact KW 6 Mumber of auxiliary contacts as schange-over contact KW 6 Motor drive optional KW 6 Motor drive integrated KW 6 Voltage release optional KW 6 Device construction KW 6 Suitable for front mounting KW 8 Suitable for front mounting 4-hole KW 6 Suitable for front mounting entre KW 6 Suitable for intermediate mounting KW </td <td>Max. rated operation voltage Ue AC</td> <td>V</td> <td>690</td>	Max. rated operation voltage Ue AC	V	690
Rated permanent current at AC-21, 400 V A 2 Rated permanent current at AC-21, 400 V A 20 Rated operation power at AC-3, 400 V S 55 Rated short-time withstand current low B A 02 Rated peration power at AC-23, 400 V B K 55 Switching power at 400 V B K 55 Conditioned rated short-circuit current lq B B 6 Number of poles S 3 3 Number of auxiliary contacts as normally open contact B B 1 Number of auxiliary contacts as normally open contact B B A 8 Number of auxiliary contacts as change-over contact B B B A 9 1 Motor drive optional B	Rated operating voltage	V	690 - 690
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 Roted of poles Roted operation power at AC-23, 400 V Roted of poles Roted operation power at AC-23, 400 V Roted of poles Roted operation power at AC-23, 400 V Roted of poles Roted operation power at AC-23, 400 V Roted of poles Roted operation power at AC-23, 400 V Roted of poles Roted operation power at AC-23, 400 V Roted of poles Roted operation power at AC-23, 400 V Roted of poles Roted operation power at AC-23, 400 V Roted of poles Roted operation power at AC-23, 400 V Roted of poles Roted operation power at AC-23, 400 V Roted operation power at AC-23,	Rated permanent current lu	Α	20
Rated operation power at AC-3,400 V Rated short-time withstand current low Rated operation power at AC-23,400 V Roted operation power at AC-23,400 V Rote of power at 400 V Conditioned rated short-circuit current lq Rote of power at 400 V Rote of power	Rated permanent current at AC-23, 400 V	Α	
Rated short-time withstand current low Rated operation power at AC-23, 400 V Switching power at 400 V Conditioned rated short-circuit current lq Number of poles Number of poles Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally contact Number of auxiliary contacts as normally contact Nother of auxiliary contacts as normally contact Nother of auxiliary contacts as normally contact Nother of auxiliary contacts as change-over contact Motor drive eptional Motor drive integrated Note of rive integrated built-in technique Note of rive dubilt-in technique Note of rive	Rated permanent current at AC-21, 400 V	Α	20
Rated operation power at AC-23, 400 V Switching power at 400 V Conditioned rated short-circuit current lq Number of poles Number of poles Number of auxiliary contacts as normally closed contact 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 schange-over contact Motor drive integrated Notor drive integrated Notor drive integrated Notor for no mounting Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for firont mounting centre Suitable for intermediate mounting Colour control element Type of control element Notor drive integrated Peep of electrical connection of main circuit Notor drive integrated No Socrew connection	Rated operation power at AC-3, 400 V	kW	5.5
Switching power at 400 V Conditioned rated short-circuit current Iq 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 Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxi	Rated short-time withstand current lcw	kA	0.32
Conditioned rated short-circuit current Iq KA 6 Number of poles 4 4 3 Number of auxiliary contacts as normally closed contact 4 4 1 Number of auxiliary contacts as normally open contact 5 2 2 Number of auxiliary contacts as change-over contact 6 4 4 6 Motor drive optional 7 4 6 6 Motor drive integrated 8 4 7 8 Voltage release optional 9 4 9 8 Suitable for floor mounting 9 4 9 9 Suitable for front mounting 4-hole 9 9 9 9 Suitable for floot mounting centre 9 9 9 9 Suitable for intermediate mounting 9 9 9 9 Suitable for intermediate mounting 9 9 9 9 Colour control element 9 9 9 9 Suitable for intermediate mounting 9 9 9 9 Colour control element 9 <t< td=""><td>Rated operation power at AC-23, 400 V</td><td>kW</td><td>5.5</td></t<>	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 normally open contact Number of auxiliary contacts as change-over contact Notor drive optional Notor drive integrated Notor drive internating entire Suitable for front mounting 4-hole Suitable for front mounting entire Suitable for first mounting entire Suitable for distribution board installation 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 Notor coupling rotary drive Type of electrical connection of main circuit 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 Notor drive optional Notor drive integrated Notor drive integrated built-in technique Yes Notor drive fixed built-in technique Yes Notor drive fixed built-in technique Notor drive fixed built-in technique Yes Notor drive fixed built-in technique Notor drive fixed built-in technique Yes Notor drive fixed built-in technique Notor drive fixed built-in technique Yes Notor drive fixed built-in technique Notor drive fixed built-in technique Yes Notor drive fixed built-in technique Notor drive fixed built-in technique Yes Notor drive fixed built-in technique Notor drive fixed built-in technique Yes Notor drive fixed built-in technique Notor drive fixed built-in t	Conditioned rated short-circuit current Iq	kA	6
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 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 floot mounting centre Suitable for floot mounting centre Suitable for fortn twounting centre Suitable for fortn twounting centre Suitable for fortn twounting centre 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	Number of poles		3
Number of auxiliary contacts as change-over contact 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 find interribution board installation Suitable for intermediate mounting No Suitable for interm	Number of auxiliary contacts as normally closed contact		1
Motor drive optionalNoMotor drive integratedNoVoltage release optionalNoDevice constructionBuilt-in device fixed built-in techniqueSuitable for floor mountingYesSuitable for front mounting 4-holeNoSuitable for front mounting centreNoSuitable for distribution board installationNoSuitable for intermediate mountingYesColour control elementBlackType of control elementDoor coupling rotary driveInterlockableYesType of electrical connection of main circuitScrew connectionDegree of protection (IP), front sideIP65	Number of auxiliary contacts as normally open contact		2
Motor drive integratedNoVoltage release optionalNoDevice constructionBuilt-in device fixed built-in techniqueSuitable for floor mountingYesSuitable for front mounting 4-holeNoSuitable for distribution board installationNoSuitable for distribution board installationYesColour control elementYesType of control elementBlackType of control elementDoor coupling rotary driveInterlockableYesType of electrical connection of main circuitScrew connectionDegree of protection (IP), front sideHP65	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 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 Built-in device fixed built-in technique Yes Suitable for floor mounting Suitable for front mounting 4-hole No Suitable for front mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting Yes Colour control element Black Type of control element Door coupling rotary drive Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Built-in device fixed built-in technique No Suitable for floor mounting No No Suitable for intermediate mounting Yes Screw connection Black Type of electrical connection of main circuit No Screw connection Screw connection	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 Ves Colour control element Suitable for intermediate mounting Suitable for intermediate mounting Ves Colour control element Suitable for intermediate mounting Suitable for intermediate mounting Ves Colour control element Suitable for intermediate mounting Suitable for distribution board installation No Suitable for front mounting 4-hole No Suitable for distribution board installation No Suitable for d	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 No Suitable for intermediate mounting Yes Black Door coupling rotary drive Yes Screw connection IP65	Device construction		Built-in device fixed built-in technique
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 No Yes Black Door coupling rotary drive Yes Screw connection IP65	Suitable for floor mounting		Yes
Suitable for distribution board installation Suitable for intermediate mounting Yes Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No Yes Black Door coupling rotary drive Yes Screw connection IP65	Suitable for front mounting 4-hole		No
Suitable for intermediate mounting Yes Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Yes Yes IP65	Suitable for front mounting centre		No
Colour control element Black Type of control element Door coupling rotary drive Interlockable Yes Type of electrical connection of main circuit Screw connection Degree of protection (IP), front side 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		Yes
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