Main switch, T5B, 63 A, flush mounting, 1 contact unit(s), 2 pole, Emergency switching off function, With red rotary handle and yellow locking ring, Lockable in the 0 (Off) position



Part no. T5B-1-102/EA/SVB

094469

EL Number 1417115

(Norway)

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Part no. Tise 1-100EA-Sys	General specifications	
FAIL Product larget/Depth Product larget/Depth Product larget/Depth Product veryith Product veryith Product veryith Product veryith Product veryith Cartifications A SEA SEA SEA SEA SEA SEA SEA SEA SEA SE	Product name	Eaton Moeller® series T5B Main switch
Product Length/Lepth Product Length/Lepth Product width Product weight Certifications Product weight Certifications Certificat	Part no.	T5B-1-102/EA/SVB
Product Verbight Product Indername Product Indername Product Indername Product Tradername Pr	EAN	4015080944690
Product winth Product weight Out Hingarm Carrifications Carrificat	Product Length/Depth	123 millimetre
Product weight Certifications CSA CEZ2 No. 8404 14-116 U. Catageny Carroral No.: NLRY U. CE LECEN 88073 4-1-16 U. Catageny Carroral No.: NLRY U. CE LECEN 88074 3-1-16 U. Catageny Carroral No.: NLRY U. CE LECEN 88074 3-1-16 U. Catageny Carroral No.: NLRY U. CE LECEN 88074 3-1-16 U. Catageny Carroral No.: NLRY U. CE LECEN 88074 3-1-16 U. Catageny Carroral No.: NLRY U. CE LECEN 88074 3-1-16 U. Catageny Carroral No.: NLRY U. CE LECEN 88074 3-1-16 U. Catageny Carroral No.: NLRY U. CE LECEN 88074 3-1-16 U. 1684-1-16 U. 1684-1	Product height	88 millimetre
Certifications Schedul	Product width	88 millimetre
CSA CS2. No. 34 CSA-C22. No. 594 CSA-C22	Product weight	0.47 kilogram
Product Type Product Sub Type Catalog Notes Catalog Notes Features & Functions Features & Version as main switch Version as maintenance-Jearnice switching off function Interlockable Emergency switching off function Interlockable Interlockab	Certifications	CSA CSA-C22.2 No. 94 CSA-C22.2 No. 60947-4-1-14 UL Category Control No.: NLRV UL CE IEC/EN 60947-3 IEC/EN 60947 CSA Class No.: 3211-05 VDE 0660 CSA File No.: 012528 UL 60947-4-1
Product Sub Type 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 maintenance-/service switch Fitted with: Red rotary handle and yellow locking ring Functions Functions Locking facility Lockable in the 0 (Dff) position Number of poles Ceneral information Degree of protection (Iront side) Lifespan, mechanical Mounting method Mounting method Mounting method Mounting method Number of contact units Degrating frequency Overvoltage category Ill Operating frequency Overvoltage category Pollution degree Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Practicing angle Safe isolation Saf	Product Tradename	T5B
Features & Functions Features Version as main switch Version as ma	Product Type	Main switch
Features & Functions Features Version as main switch Red rotary handle and yellow locking ing Emergency switching of function Interockable Lockable in the 0 (0ff) position NEMA 12 Lockable in the 0 (0ff) position NEMA 12 Pelse Pelse Version as main switch Nemach service switch Interockable Lockable in the 0 (0ff) position NEMA 12 Pelse Pel	Product Sub Type	None
Features Version as main switch Version as memergency stop installation Version as memergency stop installation Version as memergency stop installation Version as memergency switching Red rotary handle and yellow locking ring Emergency switching off function Interlockable Lockable in the 0 (Off) position Locking facility Number of poles Ceneral information Degree of protection Degree of protection Degree of protection (front side) Lifespan, mechanical Mounting method Mounting method Mounting position Number of contact units 1 Operating frequency Overvoltage category Ill Pollution degree Rated impulse withstand voltage (Uimp) Safe isolation Safe you parameter (EN ISO 13849-1) Shock resistance Suitable for Switching angle Version as main switch Version as memergency stop installation Version as memergency installation Version as memergency interlock NEMB TURN TO CONTACT (STATE) Red vine of Contact units 1 0000 V AC Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Switching angle Version as memergency switching aff function Interlockable Interlockable Interl	Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
Fitted with: Functions Functions Locking facility Locking facility Number of poles General information Degree of protection (front side) Lifespan, mechanical Mounting nethod Mounting nethod Mounting position Number of contact units Operating frequency Degree at agony Pollution degree Rated impulse withstand voltage (Uimp) Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Switching angle Switching angle Seminary Safety parameter (EN ISO 13849-1) Switching angle Switching angle Seminary Safety parameter (LIVCSA) Front mounting center Switching angle Switching and switching intervited switching intervited switching intervited switching intervited swi	Features & Functions	
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Locking facility Number of poles General information Degree of protection Degree of protection (front side) Lifespan, mechanical Mounting method Mounting position Number of contact units Operating frequency Overvoltage category Pollution degree Rated impulse withstand voltage (Uimp) Safet yparameter (EN ISO 13849-1) Shock resistance Suitable for Suitable for Switching angle Interlockable Lockable in the O (Off) position Lockable in the O (Off) position 2 Cokable in the O (Off) position NEMA 12 Pollution (1965) NEMA 12 Pollution of Protection (front side) Plush mounting Pollution degree Rated impulse withstand voltage (Uimp) Pollution degree Safet isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Pollution degree Suitable as motor disconnect, (UL/CSA) Front mounting center Pollution degree Safet isolation Safety parameter (EN SO 13849-1, table C.1 Front mounting center Pollution degree Safet isolation Safety parameter (EN SO 13849-1, table C.1 Shock resistance Suitable for Plant mounting center Pollution degree Safet isolation Safety parameter (EN SO 13849-1, table C.1 Shock resistance Suitable for Plant mounting center Pollution degree Safet yparameter (EN SO 13849-1, table C.1 Shock resistance Suitable for Plant mounting center Pollution degree Safet yparameter (EN SO 13849-1, table C.1 Shock resistance Suitable for Plant mounting center	Fitted with:	Red rotary handle and yellow locking ring
Number of poles General information Degree of protection Degree of protection (front side) Lifespan, mechanical Mounting method 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 Switching angle Page of protection NEMA 12 NEMA 1 NEMA 12	Functions	
General information NEMA 12 Degree of protection (front side) IP65 Lifespan, mechanical 500,000 Operations Mounting method Flush mounting Mounting position As required Number of contact units 1 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 Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center Switching angle 90 °	Locking facility	Lockable in the 0 (Off) position
Degree of protection Degree of protection (front side) Lifespan, mechanical Mounting method Mounting position Mounting position Number of contact units Operating frequency Overvoltage category III Pollution degree Rated impulse withstand voltage (Uimp) Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Switching angle NEMA 12 IP65 100,000 Operations Flush mounting As required As required 1200 Operations/h 1200 Operations/h 1200 Operations/h 1100 Operations/h 1	Number of poles	2
Degree of protection (front side) Lifespan, mechanical 500,000 Operations Mounting method Flush mounting Mounting position As required Number of contact units 1 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 Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center Switching angle 90°	General information	
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Mounting method Mounting position As required Number of contact units Operating frequency Overvoltage category III Pollution degree Rated impulse withstand voltage (Uimp) Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Switching angle Flush mounting Flush mounting Flush mounting Flush mounting As required As required 10 As required 11 1200 Operations/h III 6000 V AC 6000 V AC 440 V AC, Between the contacts, According to EN 61140 B 10d 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 Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center 90 °	Degree of protection (front side)	IP65
Mounting position As required Number of contact units 1 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) Shock resistance Suitable for Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center Switching angle 90 °	Lifespan, mechanical	500,000 Operations
Number of contact units Operating frequency 1200 Operations/h Ull Pollution degree 3 Rated impulse withstand voltage (Uimp) Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Switching angle 1200 Operations/h III 1200 Operations/h 110 1200 Operations/h 111 1200 Operations/h 110 1200 Operations/h 111 1200 Operations/h 1200 Operati	Mounting method	Flush mounting
Operating frequency Overvoltage category III Pollution degree 3 Rated impulse withstand voltage (Uimp) Safe isolation Safety parameter (EN ISO 13849-1) Shock resistance Suitable for Switching angle 1200 Operations/h III 6000 V AC 440 V AC, Between the contacts, According to EN 61140 810d values as per EN ISO 13849-1, table C.1 B10d values as per EN ISO 13849-1, table C.1 Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center 90 °	Mounting position	As required
Overvoltage category 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) Shock resistance 15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms Suitable for Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center 90 °	Number of contact units	1
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 Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center Switching angle 90 °	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 5 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center Switching angle 90 °	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 ms Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center Switching angle 90 °	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 Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center Switching angle 90 °	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 Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center Switching angle 90 °	Safe isolation	440 V AC, Between the contacts, According to EN 61140
Suitable for Branch circuits, suitable as motor disconnect, (UL/CSA) Front mounting center Switching angle 90 °	Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Switching angle Front mounting center 90 °	Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms
	Suitable for	
Climatic environmental conditions	Switching angle	90 °
	Climatic environmental conditions	

Ambiest operating temperature - mass Ambiest operating promocrams placebaseds - mix Clinical coparting to professor or pro	Ambient energing temperature min	AE OC
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19 - 4 AWG, sellar for excisive with ferrale 11 - 12 AWG, sellar for excisive with ferrale 11 - 12 AWG, sellar for excisive with ferrale 11 - 12 AWG, sellar for excisive with ferrale to DIN 46228 25 - 15 - 16 Jevr., flexible with ferrale to DIN 46228 26 - 15 Jevr., flexible with ferrale to DIN 46228 26 - 15 Jevr., flexible with ferrale to DIN 46228 27 Jevr., flexible with ferrale to DIN 46228 28 Jevr., flexible with ferrale to DIN 46228 28 Jevr., flexible with ferrale with flexible with ferrale to DIN 46228 28 Jevr., flexible with flexible with ferrale with flexible with ferrale with flexible with ferrale with flexible with flexib	Terminal capacities	
Tighteeling torque	Terminal capacity	12 - 4 AWG, solid or flexible with ferrule 1 x (1 - 25) mm², flexible with ferrules to DIN 46228 1 x (2.5 - 35) mm², solid or stranded
A Nam. Screw terminals	Screw size	M6, Terminal screw
Reted freeking capacity at 278/270 V (ces plut to EC 69847-3) 8864 devaking capacity at 278/270 V (ces plut to EC 69847-3) 8864 devaking capacity at 698/890 V (ces plut to EC 69847-3)	Tightening torque	
Rated breaking capacity at 400415 V (cox phi to IEC 60917-5) Rated breaking capacity at 400415 V (cox phi to IEC 60917-5) Rated operational current (le) at AC-3, 20 V, 20 V, 24 V 51 A Rated operational current (le) at AC-3, 20 V, 20 V, 24 V 51 A Rated operational current (le) at AC-3, 20 V, 20 V, 24 V 51 A Rated operational current (le) at AC-3, 20 V, 20 V, 24 V 51 V Rated operational current (le) at AC-3, 80 V, 40 V, 415 V 51 A Rated operational current (le) at AC-3, 80 V, 40 V, 415 V 51 A Rated operational current (le) at AC-3, 40 V 50 V 50 V 51 A Rated operational current (le) at AC-2, 40 V 50 V 51 A Rated operational current (le) at AC-23, 40 V 50 V 51 A Rated operational current (le) at AC-23, 40 V 51 V 51 A Rated operational current (le) at AC-23, 40 V 51 V 51 A Rated operational current (le) at AC-23, 40 V 51 V 51 A Rated operational current (le) at AC-23, 40 V 51 V 51 A Rated operational current (le) at AC-23, 40 V 51 V 51 A Rated operational current (le) at AC-23, 40 V 51 V 51 M 51 M 51 M 51 M 51 M 51 M 51	Electrical rating	
Rated breaking capacity at 500 V (cos phit to IEC 60947-2) Rated breaking capacity at 500 V (cos phit to IEC 60947-3) Rated operational current (le) at AC-3, 280 V, 400 V, 415 V Rated operational current (le) at AC-3, 280 V, 400 V, 415 V Rated operational current (le) at AC-3, 280 V, 400 V, 415 V Rated operational current (le) at AC-3, 280 V, 400 V, 415 V Rated operational current (le) at AC-3, 280 V, 400 V, 415 V Rated operational current (le) at AC-2, 280 V, 500 V Rated operational current (le) at AC-23A, 280 V Rated operational current (le) at AC-23A, 280 V, 415 V Rated operational current (le) at AC-23A, 450 V, 415 V Rated operational current (le) at AC-23A, 450 V, 415 V Rated operational current (le) at AC-23A, 450 V V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at C2-23A, 500 V Rated operational ourrent (le) at C2-23A, 500 V Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-2	Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	520 A
Rated prealizing capacity at 680,080 V (cos phi to IEC 69847-3) Rated operational current (le) at AC-3, 200 V, 200 V, 400 V, 410 V Rated operational current (le) at AC-3, 300 V (400 V, 410 V) Rated operational current (le) at AC-3, 500 V) Rated operational current (le) at AC-3, 500 V) Rated operational current (le) at AC-3, 500 V) Rated operational current (le) at AC-3, 500 V) Rated operational current (le) at AC-3, 500 V) Rated operational current (le) at AC-23, 400 V, 410 V) Rated operational current (le) at AC-23, 400 V, 410 V) Rated operational current (le) at AC-23, 500 V) Rated operational current (le) at AC-23, 500 V) Rated operational current (le) at AC-23, 500 V) Rated operational current (le) at AC-23, 500 V) Rated operational current (le) at CC-10, 10st break switches (lr = 1 ms) Rated operational current (le) at CC-10, 20st break switches (lr = 1 ms) Rated operational current (le) at CC-10, 20st break switches (lr = 1 ms) Rated operational current (le) at CC-10, 20st break switches (lr = 1 ms) Rated operational current (le) at CC-23A, 400 V) Rated operational current (le) at CC-23A, 400 V) Rated operational current (le) at CC-23A, 400 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational current (le) at CC-23A, 200 V) Rated operational opower at AC-23A, 200 V) R	Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	600 A
Rated operational current (le) at AC-3, 290 V, 290 V, 240 V	Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	480 A
Rated operational current (la) at AC-3, 380 V, 400 V, 415 V Rated operational current (la) at AC-3, 500 V Rated operational current (la) at AC-3, 500 V Rated operational current (la) at AC-3, 400 V, 415 V Rated operational current (la) at AC-3, 400 V, 415 V Rated operational current (la) at AC-3, 400 V, 415 V Rated operational current (la) at AC-324, 400 V, 415 V Rated operational current (la) at AC-324, 400 V, 415 V Rated operational current (la) at AC-324, 500 V Rated operational current (la) at DC-13, cuntral switches (lr = 1 ms Rated operational current (la) at DC-324, 24 V Rated operational current (la) at DC-324, 240 V Rated operational current (la) at AC-3, 380 V Rated operational current (la) at AC-3, 380 V Rated operational power at AC-3, 380 V, 50 Hz Rated operational power at AC-3, 380 V, 50 Hz Rated operational power at AC-3, 380 V, 50 Hz Rated operational power at AC-3, 380 V, 50 Hz Rated operational power at AC-3, 380 V, 50 Hz Rated operational power at AC-3, 380 V, 50 Hz Rated operational power at AC-3, 380 V, 50 Hz Rated operational power at AC-3, 380 V, 50 Hz Rated operational power at AC-3, 380 V, 50 Hz Rated operational power at AC-3, 380 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated operational power at AC-3, 415 V, 50 Hz Rated opera	Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	340 A
Rated operational current (le) at AC-3, 560 V, 560 V Rated operational current (le) at AC-3, 560 V, 560 V Rated operational current (le) at AC-3, 560 V, 560 V Rated operational current (le) at AC-23A, 250 V Rated operational current (le) at AC-23A, 250 V Rated operational current (le) at AC-23A, 560 V Rated operational current (le) at DC-3A, 560 V Rated operational current (le) at DC-3A, 48 V Rated operational current (le) at DC-23A, 48 V Rated operational current (le) at DC-23A, 690 V Rated operational current (le) at DC-23A, 120 V Rated operational current (le) start-delta at AC-3, 500 V Rated operational current (le) start-delta at AC-3, 500 V Rated operational power at AC-3, 45 V, 50 Hz Rated operational power at AC-3, 45 V, 50 Hz Rated operational power at AC-3, 45 V, 50 Hz Rated operational power at AC-3, 45 V, 50 Hz Rated operational power at AC-23A, 450 V, 50 Hz Rated operational power at AC-23A, 450 V, 50 Hz Rated operational power at AC-23A, 450 V, 50 Hz Rated operational power at AC-23A, 650 V, 50 Hz Rated operational power at AC-23A, 650 V, 50 Hz Rated operational power at AC-23A, 650 V, 50 Hz Rated operational power at AC-23A, 650 V, 50 Hz Rated operational power at AC-23A, 650 V, 50 Hz Rated operational power at AC-23A, 650 V, 50 Hz Rated operational power at AC-23A, 650 V, 50 Hz Rated operational	Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	51 A
Rated operational current (le) at AC-2, 600 V, 600 V Rated operational current (le) at AC-21, 440 V Rated operational current (le) at AC-23A, 200 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at DC-32A, 600 V Rated operational current (le) at DC-32A, 800 V Rated operational current (le) at DC-23A, 80 V Rated operational current (le) star-delta at AC-3, 200200 V Rated operational current (le) star-delta at AC-3, 300400 V Rated operational current (le) star-delta at AC-3, 300400 V Rated operational current (le) star-delta at AC-3, 800 V Rated operational current (le) star-delta at AC-3, 800 V Rated operational power at AC-3, 300, 50 Hz Rated operational power at AC-3, 300, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational po	Rated operational current (le) at AC-3, 380 V, 400 V, 415 V	41 A
Rated operational current (le) at AC-23, 600 V, 690 V Rated operational current (le) at AC-23A, 200 V Rated operational current (le) at AC-23A, 200 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at AC-23A, 500 V Rated operational current (le) at AC-23A, 600 V Rated operational current (le) at AC-23A, 600 V Rated operational current (le) at AC-23A, 600 V Rated operational current (le) at DC-13, control switches Vr = 1 ms 83 A Rated operational current (le) at DC-13, control switches Vr = 1 ms 84 A Rated operational current (le) at DC-23A, 48 V 85 A Rated operational current (le) at DC-23A, 80 V 86 A Rated operational current (le) at DC-23A, 80 V 87 A Rated operational current (le) at DC-23A, 80 V 88 A Rated operational current (le) at DC-23A, 80 V 88 A Rated operational current (le) at DC-23A, 80 V 89 A Rated operational current (le) star-delta at AC-3, 380400 V 89 A Rated operational current (le) star-delta at AC-3, 380400 V 89 A Rated operational current (le) star-delta at AC-3, 380400 V 89 A Rated operational power at AC-3, 480 V Rated operational power at AC-3, 480 V, 50 Hz Rated operational power at AC-3, 480 V, 50 Hz Rated operational power at AC-3, 480 V, 50 Hz Rated operational power at AC-3, 400 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-3, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at AC-30, 500 V, 50 Hz Rated operational power at		33 A
Rated operational current (le) at AC-23A, 200 V 63 A	Rated operational current (le) at AC-3, 660 V, 690 V	17 A
Rated operational current (le) at AC-23A, 200 V 63 A	Rated operational current (le) at AC-21, 440 V	63 A
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Rated operational power at AC-23A, 220/230 V, 50 Hz Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 690 V, 50 Hz Rated operational power at AC-23A, 690 V, 50 Hz Rated operational power star-delta at 220/230 V, 50 Hz Rated operational power star-delta at 220/230 V, 50 Hz Rated operational power star-delta at 380/400 V, 50 Hz Rated operational power star-delta at 500 V, 50 Hz Rated operational power star-delta at 690 V, 50 Hz Rated operational power star-delta at 690 V, 50 Hz Rated uninterrupted current (Iu) G3 A Uninterrupted current Short-circuit rating	Rated operational power at AC-3, 500 V, 50 Hz	22 kW
Rated operational power at AC-23A, 400 V, 50 Hz Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 690 V, 50 Hz Rated operational power star-delta at 220/230 V, 50 Hz Rated operational power star-delta at 220/230 V, 50 Hz Rated operational power star-delta at 380/400 V, 50 Hz Rated operational power star-delta at 500 V, 50 Hz Rated operational power star-delta at 690 V, 50 Hz Rated operational power star-delta at 690 V, 50 Hz Rated uninterrupted current (Iu) 63 A Uninterrupted current Short-circuit rating	Rated operational power at AC-3, 690 V, 50 Hz	15 kW
Rated operational power at AC-23A, 500 V, 50 Hz Rated operational power at AC-23A, 690 V, 50 Hz Rated operational power star-delta at 220/230 V, 50 Hz Rated operational power star-delta at 380/400 V, 50 Hz Rated operational power star-delta at 380/400 V, 50 Hz Rated operational power star-delta at 500 V, 50 Hz Rated operational power star-delta at 690 V, 50 Hz Rated uninterrupted current (Iu) 63 A Uninterrupted current Short-circuit rating	Rated operational power at AC-23A, 220/230 V, 50 Hz	18.5 kW
Rated operational power at AC-23A, 690 V, 50 Hz Rated operational power star-delta at 220/230 V, 50 Hz Rated operational power star-delta at 380/400 V, 50 Hz Rated operational power star-delta at 500 V, 50 Hz Rated operational power star-delta at 500 V, 50 Hz Rated operational power star-delta at 690 V, 50 Hz Rated uninterrupted current (lu) 63 A Uninterrupted current Short-circuit rating	Rated operational power at AC-23A, 400 V, 50 Hz	30 kW
Rated operational power star-delta at 220/230 V, 50 Hz Rated operational power star-delta at 380/400 V, 50 Hz Rated operational power star-delta at 500 V, 50 Hz Rated operational power star-delta at 690 V, 50 Hz Rated operational power star-delta at 690 V, 50 Hz Rated uninterrupted current (Iu) 63 A Uninterrupted current Short-circuit rating	Rated operational power at AC-23A, 500 V, 50 Hz	22 kW
Rated operational power star-delta at 380/400 V, 50 Hz Rated operational power star-delta at 500 V, 50 Hz Rated operational power star-delta at 690 V, 50 Hz Rated uninterrupted current (Iu) Characteristic started uninterrupted current Uni	Rated operational power at AC-23A, 690 V, 50 Hz	22 kW
Rated operational power star-delta at 500 V, 50 Hz Rated operational power star-delta at 690 V, 50 Hz Rated uninterrupted current (Iu) Characteristic power star-delta at 690 V, 50 Hz Rated uninterrupted current (Iu) Characteristic power star-delta at 690 V, 50 Hz Rated uninterrupted current Iu is specified for max. cross-section. Short-circuit rating	Rated operational power star-delta at 220/230 V, 50 Hz	18.5 kW
Rated operational power star-delta at 690 V, 50 Hz Rated uninterrupted current (Iu) Uninterrupted current Rated uninterrupted current Iu is specified for max. cross-section. Short-circuit rating	Rated operational power star-delta at 380/400 V, 50 Hz	30 kW
Rated uninterrupted current (Iu) 63 A Uninterrupted current Rated uninterrupted current Iu is specified for max. cross-section. Short-circuit rating	Rated operational power star-delta at 500 V, 50 Hz	37 kW
Uninterrupted current Iu is specified for max. cross-section. Short-circuit rating	Rated operational power star-delta at 690 V, 50 Hz	22 kW
Short-circuit rating	Rated uninterrupted current (Iu)	63 A
	Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
	Short-circuit rating	
paren commonal sport-circuit current um	Rated conditional short-circuit current (Iq)	2 kA
Rated short-time withstand current (Icw) 1.3 kA	· P	
1,3 kA, Contacts, 1 second		

Short-circuit current rating (high fault)	10 kA, SCCR (UL/CSA) 100 A, Class J, max. Fuse, SCCR (UL/CSA)
Short-circuit protection rating	80 A gG/gL, Fuse, Contacts
Switching capacity	
Load rating	1.6 x l# (with intermittent operation class 12, 40 % duty factor) 2 x l# (with intermittent operation class 12, 25 % duty factor) 1.3 x l# (with intermittent operation class 12, 60 % duty factor)
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	6
Switching capacity (main contacts, general use)	63 A, Rated uninterrupted current max. (UL/CSA)
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	800 A
Voltage per contact pair in series	60 V
Motor rating	
Assigned motor power at 115/120 V, 60 Hz, 1-phase	3 HP
Assigned motor power at 200/208 V, 60 Hz, 1-phase	7.5 HP
Assigned motor power at 200/208 V, 60 Hz, 3-phase	15 HP
Assigned motor power at 230/240 V, 60 Hz, 1-phase	10 HP
Assigned motor power at 230/240 V, 60 Hz, 3-phase	15 HP
Assigned motor power at 460/480 V, 60 Hz, 3-phase	40 HP
Assigned motor power at 575/600 V, 60 Hz, 3-phase	40 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	bool coupling rotally unite
	ow.
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	4.5 W
Rated operational current for specified heat dissipation (In)	63 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])

[AKF060013])		
Version as main switch		Yes
Version as maintenance-/service switch		Yes
Version as safety switch		No
Version as emergency stop installation		Yes
Version as reversing switch		No
Number of switches		1
Max. rated operation voltage Ue AC	V	690
Rated operating voltage	V	690 - 690
Rated permanent current lu	Α	63
Rated permanent current at AC-23, 400 V	Α	
Rated permanent current at AC-21, 400 V	Α	63
Rated operation power at AC-3, 400 V	kW	22
Rated short-time withstand current lcw	kA	1.3
Rated operation power at AC-23, 400 V	kW	30
Switching power at 400 V	kW	30
Conditioned rated short-circuit current Iq	kA	2
Number of poles		2
Number of auxiliary contacts as normally closed contact		0
Number of auxiliary contacts as normally open contact		0
Number of auxiliary contacts as change-over contact		0
Motor drive optional		No
Motor drive integrated		No
Voltage release optional		No
Device construction		Built-in device fixed built-in technique
Suitable for floor mounting		No
Suitable for front mounting 4-hole		No
Suitable for front mounting centre		Yes
Suitable for distribution board installation		No
Suitable for intermediate mounting		No
Colour control element		Red
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
Degree of protection (NEMA)		12