DATASHEET - RAM05-W210A32-4120S1

Reversing starter, 6.6 A, Sensor input 2, Actuator output 1, AS-Interface $\ensuremath{\mathbb{B}}$, S-7.A.E. for 62 modules, HAN Q4/2



Part no.

RAM05-W210A32-4120S1 199094

Product name	Eaton Moeller® series Rapid Link Reversing starter
Part no.	RAM05-W210A32-4120S1
EAN	4015081971527
Product Length/Depth	120 millimetre
Product height	270 millimetre
Product width	220 millimetre
Product weight	1.64 kilogram
Certifications	UL approval CCC UL 60947-4-2 RoHS CE IEC/EN 60947-4-2
Product Tradename	Rapid Link
Product Type	Reversing starter
Product Sub Type	None
Catalog Notes	Assigned motor rating: for normal internally and externally ventilated 4 pole, thre phase asynchronous motors with 1500 rpm at 50 Hz or 1800 min at 60 Hz
Features	Parameterization: Keypad Diagnostics and reset on device and via AS-Interface Parameterization: drivesConnect mobile (App) Parameterization: drivesConnect Parameterization: Fieldbus
Fitted with:	Thermo-click Two sensor inputs through M12 sockets (max. 150 mA) for quick stop and interlocked manual operation 1 Actuator output Key switch position AUTO Key switch position HAND Electronic motor protection Key switch position OFF/RESET Thermistor monitoring PTC Short-circuit release
Functions	External reset possible Temperature compensated overload protection
Class	CLASS 10 A
Degree of protection	IP65 NEMA 12
Electromagnetic compatibility	Class A
Lifespan, electrical	10,000,000 Operations (at AC-3)
Lifespan, mechanical	10,000,000 Operations (at AC-3)
Model	Reversing starter
Overload release current setting - min	0.3 A
Overload release current setting - max	6.6 A
Overvoltage category	
Product category	Motor starter
Protocol	AS-Interface profile cable: S-7.4 for 62 modules ASI
Rated impulse withstand voltage (Uimp)	4000 V
System configuration type	Center-point earthed star network (TN-S network) AC voltage Phase-earthed AC supply systems are not permitted.
	Reversing starter
Туре	C C

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Current limitation Adjust also, in accordance with IECKPM 0078 Current limitation Adjustable, motor, main circuit Input current BAI (195 A motor, main circuit Mains outch-on frequency BAI (195 A motor, main circuit Mains outch-on frequency BAI (195 A motor, main circuit Orient inspanse; BAI (195 A motor, main circuit Dirent inspanse; BAI (195 A	Ambient storage temperature - max	70 °C
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Mains suitch on frequency Mains suitch on frequency Mains under of end time every 60 seconds Mains suitch on frequency 301 - 400 V (-15 %/ -10 %, at 5000 h/z) Diff-dely 20 - 35 ms Ourplant frequency 50 - 35 ms Durptint frequency 50 - 35 ms Durptint frequency 50 - 35 ms Bated frequency - max 60 - 40 M (-15 %/ -10 %, at 5000 h/z) Bated operational current (le) 60 - 40 M (-15 %/ -10 %, at 5000 h/z) Bated operational current (le) 60 - 40 M (-15 %/ -10 %, at 5000 h/z) Bated operational current (le) 60 - 40 M (-15 %/ -10 %, at 5000 h/z) Bated operational power at 30000 V, 50 h/z - max 60 - 40 M (-15 %/ -10 %, at 5000 h/z) Bated operational power at 30000 V, 50 h/z - max 60 - 40 M (-15 %/ -10 %, at 5000 h/z) Bated operational power at 40-43 20020 V, 50 h/z - max 60 M (-10		0.3 - 6.6 A, motor, main circuit
Mais voltage toleranes 300 - 480 V(15 %/10 %, st S800 ht/) Dif-delay 20 - 35 ms Dir-delay 20 - 35 ms Dir-del		
Off-delay 20-35 ms Durbind frequency 20-35 ms Output frequency 20-35 ms Durbind frequency 20-36 ms Devinder cycle 20-36 ms Rated frequency - max 20-36 ms Bated frequency - min 20-45 ms Rated operational current (le) at 50% overlaad 47 Hz Bated operational current (le) at 50% overlaad 66 A Rated operational current (le) at 50% overlaad 66 A Rated operational power at 3804000 V, 50 Hz - max 20 90 WV Rated operational power at 3804000 V, 50 Hz - max 20 90 WV Rated operational power at 380400 V, 50 Hz - max 20 90 WV Rated operational power at 380400 V, 50 Hz - max 20 90 WV Rated operational power at 480, 480 V, 60 Hz, 3 phase 31W Rated operational power at 480, 480 V, 60 Hz, 3 phase 31W Rated operational power at 480, 480 V, 60 Hz, 3 phase 31W Rated operational power at 480, 480 V, 60 Hz, 3 phase 31HP Rated control supply voltage (U) at AC, 50 Hz - max 30 0 V Rated control supply voltage (U) at AC, 50 Hz - max 0 V Rated control supply voltage (U) at AC, 60 Hz - max 0 V Rated control supply voltage (U) at AC, 60 Hz - max 0 V Rated control supply voltage (U) at AC, 60 Hz - max 0 V		
On-delay 20 - 35 ms Durput frequency 90% Hz Ourdind cycle C-S3a Bated frequency - mix 61 42 Bated operational current (lo) 71 Hz Bated operational current (lo) 65 A Bated operational current (lo) 65 A Bated operational current (lo) 65 A Bated operational current (lo) x10% overload 65 A Bated operational current (lo) x10% overload 65 A Bated operational power at 380,0400 V, 50 Hz - max 65 A Bated operational power at 300,0400 V, 50 Hz - max 66 A Bated operational power at 480,4400 V, 50 Hz - min 66 A Bated operational power at 480,4400 V, 50 Hz - min 66 A Bated operational power at 480,4400 V, 50 Hz - min 66 A Bated operational power at 480,4400 V, 50 Hz - min 66 A Bated operational power at 480,4400 V, 50 Hz - min 70 W Assigned motor power at 480,4400 V, 50 Hz - mix 66 A Assigned motor power at 480,4400 V, 50 Hz - mix 70 W Rated controlisional short-circuit current (lo) 70 N Bated controlisional short-circuit current (lo) 70 N Bated control supply votage (lo) at AC, 50 Hz - min 70 V Bated control supply votage (lo) at AC, 50 Hz - mix 70 V Bated control supply votage (lo	-	
Duput frequency 900 Hz Overload cycle AC-S3a Rated grequency - max 614 Rated grequency - min 65 A Rated grequency - min 65 A Rated operational current (10) at 150% overload 65 A Rated operational current (10) at AC-S, 380 V, 400 V, 415 V 65 A Rated operational power at 380400 V, 50 Hz - max 74 Hz Rated operational power at 380400 V, 50 Hz - max 74 Hz Rated operational power at 380400 V, 50 Hz - max 74 Hz Rated operational power at 380400 V, 50 Hz - max 74 Hz Rated operational power at 380400 V, 50 Hz - min 74 Hz Rated operational power at 380400 V, 50 Hz - min 74 Hz Rated operational power at 380400 V, 50 Hz 74 Hz Rated operational power at 380400 V, 50 Hz 75 Hz Rated operational power at 380400 V, 50 Hz 75 Hz Rated operational power at 380400 V, 50 Hz 75 Hz Rated operational power at 380400 V, 50 Hz 75 Hz Rated operational power at 380400 V, 50 Hz 75 Hz Rated operational power at 480400 V, 60 Hz, 3 spinee 75 Hz Rated operational power at 480400 V,		
Derical cycle Ac-3a Rated frequency - max S1 42 Rated frequency - min J 1/2 Rated operational current (1e) S5 A Rated operational power at 380/400 V, 50 Hz - max S5 A Rated operational power at 380/400 V, 50 Hz - max S5 A Rated operational power at 380/400 V, 50 Hz - max S5 A Rated operational power at 380/400 V, 50 Hz - max S5 A Rated operational power at 380/400 V, 50 Hz - max S5 A Rated operational power at 380/400 V, 50 Hz - max S5 A Rated operational voltage S5 A Supply frequency S1 AV 2, 3-phase Assigned motor power at 460/480 V, 60 Hz, 3-phase S1 A Rated control supply voltage (Us) at AC, 50 Hz - min S1 A Rated control supply voltage (Us) at AC, 50 Hz - min S1 A Rated control supply voltage (Us) at AC, 50 Hz - min V <tr< td=""><td></td><td></td></tr<>		
Rated frequency - max Image: max State of requency - min File (March 1996) Rated operational current (le) State operational power at 20.3 2004 V0.5 0 Hz - max State operational power at 20.3 2023 V.5 0 Hz State operational power at 20.3 2024 V.5 0 Hz State		
Rated frequency - min 47 Hz Rated operational current (le) 65 A Rated operational current (le) at 50% overload 65 A Rated operational current (le) at AC, 330 V, 400 V, 415 V 66 A Rated operational power at 380/400 V, 50 Hz - min 68 A Rated operational power at 380/400 V, 50 Hz - min 0.08 kW Rated operational power at AC-3, 230 V, 400 V, 50 Hz 0.08 kW Rated operational power at AC-3, 230/400 V, 50 Hz 0.08 kW Rated operational power at AC-3, 230/400 V, 50 Hz 0.08 kW Rated operational power at AC-3, 230/400 V, 50 Hz 0.08 kW Rated operational power at AC-3, 230/400 V, 50 Hz 0.08 kW Rated operational power at AC-3, 230/400 V, 50 Hz 0.08 kW Rated operational overlage 0.08 kW Supply frequency 0.00 kz, 1kJ, Main circuit Acsigned motor power at 460/480 V, 60 Hz, 3-phase 0.00 kz, 1kJ, Main circuit Rated conditional short-circuit current (lq) Phace 0.00 kL Rated control supply voltage (Us) at AC, 50 Hz - min 0 V 0.00 kl Rated control supply voltage (Us) at AC, 50 Hz - min 0 V 0.00 kl Rated control supply voltage (Us) at AC, 50 Hz - min 0 V 0.00 kl		
Rated operational current (le) at 150% overload 6 6 A Rated operational current (le) at AC-3.380 V, 400 V, 415 V 6 6 A Rated operational power at 380 400 V, 50 Hz - max 6 6 A Rated operational power at 380 400 V, 50 Hz - min 6 6 A Rated operational power at AC-3.220/230 V, 50 Hz 6 6 A Rated operational power at AC-3.220/230 V, 50 Hz 6 6 A Rated operational power at AC-3.220/230 V, 50 Hz 6 6 A Supply frequency 6 6 A Supply frequency 6 6 A Assigned motor power at 460/480 V, 60 Hz, 3-phase 6 6 A Supply frequency 5 6 A Assigned motor power at 460/480 V, 60 Hz, 3-phase 6 6 A Rated conditional short-circuit current (lq) 6 6 A Rated conditional short-circuit current (lq) 7 6 7 0 0 A Rated control supply voltage (Us) at AC, 50 Hz - min 7 6 0 0 A Rated control supply voltage (Us) at AC, 50 Hz - min 7 6 0 0 A Rated control supply voltage (Us) at AC, 60 Hz - mix 7 6 0 0 A Rated control supply voltage (Us) at AC, 60 Hz - mix 7 0 V Rated control supply voltage (Us) at AC, 60 Hz - mix 7 0 V Rated control supply voltage (Us) at AC, 60 Hz - mix 7 0 V		47 Hz
Rated operational current (le) at AC-3, 380 V, 400 V, 415 V 6.6 A Rated operational power at 380,400 V, 50 Hz - max 3 kW Rated operational power at 380,400 V, 50 Hz - min 0.09 kW Rated operational power at AC-3, 202.30 V, 50 Hz 6.6 A Rated operational power at AC-3, 202.30 V, 50 Hz 6.6 A Rated operational power at AC-3, 380,400 V, 50 Hz 6.6 A Rated operational power at AC-3, 380,400 V, 50 Hz 6.6 A Rated operational power at AC-3, 380,400 V, 50 Hz 6.6 A Supply frequency 6.000 VAC, 3-phase Supply frequency 5060 Hz, 1LN, Main circuit Assigned motor power at 460,480 V, 60 Hz, 3-phase 6.6 A Rated contrional short-circuit current (lq) 6.6 A Rated control supply voltage (Us) at AC, 50 Hz - min 6.6 A Rated control supply voltage (Us) at AC, 50 Hz - min 6.6 A Rated control supply voltage (Us) at AC, 50 Hz - min 6.6 A Rated control supply voltage (Us) at AC, 50 Hz - min 6.6 A Rated control supply voltage (Us) at AC, 50 Hz - min 6.6 A Rated control supply voltage (Us) at AC, 50 Hz - min 6.6 A Rated control supply voltage (Us) at AC, 60 Hz - min 6.6 A Rated control supply voltage (Us) at AC, 60 Hz - min 7.0 V Rated control supply voltage (Us) at AC, 60 Hz - min 7.0 V	Rated operational current (Ie)	6.6 A
Rated operational power at 380/400 V, 50 Hz - max Image: Constraint of the	Rated operational current (Ie) at 150% overload	6.6 A
Rated operational power at 380/400 V, 50 Hz - min 0.09 W Rated operational power at AC-3, 220/230 V, 50 Hz 0.09 W Rated operational power at AC-3, 280/400 V, 50 Hz 0.09 W Rated operational voltage 400 V AC, 3-phase Supply frequency 400 V AC, 3-phase Assigned motor power at 460/480 V, 50 Hz, 3-phase 50/60 Hz, 11, M ain circuit Rated conditional short-circuit current (lq) Assigned motor power at 460/480 V, 50 Hz, 3-phase Rated conditional short-circuit current (lq) Assigned motor power at 460,480 V, 50 Hz, 3-phase Rated conditional short-circuit current (lq) Assigned motor power at 460,480 V, 50 Hz, 3-phase Rated conditional short-circuit current (lq) Assigned motor power at 460,480 V, 50 Hz, 3-phase Rated conditional short-circuit current (lq) Assigned motor power at 460,480 V, 50 Hz, 3-phase Rated control supply voltage (Us) at AC, 50 Hz - min OA Rated control supply voltage (Us) at AC, 60 Hz - max V Rated control supply voltage (Us) at AC, 60 Hz - max V Rated control supply voltage (Us) at AC, 60 Hz - max V Rated control supply voltage (Us) at AC, 60 Hz - max V Rated control supply voltage (Us) at AC, 60 Hz - max V Rated control supply voltage (Us) at DC - min <td>Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V</td> <td>6.6 A</td>	Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	6.6 A
Rated operational power at AC-3,20/200 V, 50 Hz Image: Constraint of the second se	Rated operational power at 380/400 V, 50 Hz - max	3 kW
Rated operational power at AC-3, 380/400 V, 50 Hz Assigned motor power at AC-3, 380/400 V, 50 Hz Assigned motor power at 460/480 V, 60 Hz, 3-phase Supply frequency Supply frequency <td< td=""><td>Rated operational power at 380/400 V, 50 Hz - min</td><td>0.09 kW</td></td<>	Rated operational power at 380/400 V, 50 Hz - min	0.09 kW
Rated operational voltage 400 V AC, 3-phase 400 V AC, 3-phase 50/60 Hz, fLN, Main circuit Supply frequency 50/60 Hz, fLN, Main circuit Assigned motor power at 460/480 V, 60 Hz, 3-phase 50/60 Hz, fLN, Main circuit Rated conditional short-circuit current (lq) 7 Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V 7 Short-circuit protection (external output circuits) 7 Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V 7 Nated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V 7 Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V 0 Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V 7 Rated control supply voltage (Us) at AC, 50 Hz - max 0 Rated control supply voltage (Us) at AC, 50 Hz - max 0 Rated control supply voltage (Us) at AC, 60 Hz - max 0 Rated control supply voltage (Us) at AC, 60 Hz - max 0 Rated control supply voltage (Us) at AC, 60 Hz - max 0 Rated control supply voltage (Us) at DC - max 0 Rated control supply voltage (Us) at DC - max 0 Rated control supply voltage (Us) at DC - max 0 Rated control supply	Rated operational power at AC-3, 220/230 V, 50 Hz	0 kW
Supply frequency 400 V AC, 3-phase Supply frequency 50/60 Hz, fLN, Main circuit Assigned motor power at 460/480 V, 60 Hz, 3-phase 3 Rated conditional short-circuit current (lq) 7 Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V 0 Short-circuit protection (external output circuits) 7 Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V 0 Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V 0 Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V 0 Rated control supply voltage (Us) at AC, 50 Hz - max 0 Rated control supply voltage (Us) at AC, 50 Hz - max 0 Rated control supply voltage (Us) at AC, 60 Hz - min 0 Rated control supply voltage (Us) at AC, 60 Hz - min 0 Rated control supply voltage (Us) at AC, 60 Hz - min 0 Rated control supply voltage (Us) at AC, 60 Hz - min 0 Rated control supply voltage (Us) at AC, 60 Hz - min 0 Rated control supply voltage (Us) at AC, 60 Hz - min 0 Rated control supply voltage (Us) at AC, 60 Hz - min 0 Connection 0 Rated control supply voltage (Us) at AC, 60 Hz - min 0 Rated control supply voltage (Us) at AC, 60 Hz - min Connections pluggable in power section	Rated operational power at AC-3, 380/400 V, 50 Hz	3 kW
Assigned motor power at 460/480 V, 60 Hz, 3-phase Assigned motor power at 460/480 V, 60 Hz, 3-phase Assigned motor power at 460/480 V, 60 Hz, 3-phase Asted conditional short-circuit current (lq) Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V Asted conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V Asted control supply toltage (Us) at AC, 50 Hz - min Rated control supply voltage (Us) at AC, 50 Hz - min Rated control supply voltage (Us) at AC, 50 Hz - min Rated control supply voltage (Us) at AC, 50 Hz - min Rated control supply voltage (Us) at AC, 50 Hz - min Rated control supply voltage (Us) at AC, 50 Hz - min Rated control supply voltage (Us) at AC, 60 Hz - max Rated control voltage (Uc) R		400 V AC, 3-phase
Rated conditional short-circuit current (lq) Fated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V In kA Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V OA Short-circuit protection (external output circuits) Type 1 coordination via the power bus' feeder unit, Main circuit Rated control supply voltage (Us) at AC, 50 Hz - max OV Rated control supply voltage (Us) at AC, 50 Hz - max OV Rated control supply voltage (Us) at AC, 60 Hz - max OV Rated control supply voltage (Us) at AC, 60 Hz - max OV Rated control supply voltage (Us) at DC - min OV Rated control supply voltage (Us) at DC - min OV Rated control supply voltage (Us) at DC - min OV Rated control supply voltage (Us) at DC - min OV Rated control supply voltage (Us) at DC - min OV Rated control supply voltage (Us) at DC - max OV Rated control supply voltage (Us) at DC - max OV Connection OV Rated control supply voltage (Us) at DC - max OV Connection OV Rated control supply voltage (Us) at DC - min Connection splugable in power section Rated control supply voltage (Us) at DC - max Number of	Supply frequency	50/60 Hz, fLN, Main circuit
Rated conditional short-circuit current (lq), type 2, 380 V, 400 V, 415 V A Short-circuit protection (external output circuits) Type 1 coordination via the power bus' feeder unit, Main circuit Rated control supply voltage (Us) at AC, 50 Hz - min V Rated control supply voltage (Us) at AC, 50 Hz - max V Rated control supply voltage (Us) at AC, 60 Hz - max V Rated control supply voltage (Us) at AC, 60 Hz - max V Rated control supply voltage (Us) at DC - max V Rated control supply voltage (Us) at DC - max V Rated control voltage (Uc) V Rated control voltage (Uc) V Rated control supply voltage (Us) at DC - max V Rated control voltage (Uc) V Connection V Mather of slave addresses: 62 (AS-Interface®) plug) Interfaces Number of slave addresses: 62 (AS-Interface®) power supply unit (30 V): 190 mA	Assigned motor power at 460/480 V, 60 Hz, 3-phase	3 HP
Short-circuit protection (external output circuits) Type 1 coordination via the power bus' feeder unit, Main circuit Short-circuit protection (external output circuits) Type 1 coordination via the power bus' feeder unit, Main circuit Rated control supply voltage (Us) at AC, 50 Hz - max O V Rated control supply voltage (Us) at AC, 60 Hz - max O V Rated control supply voltage (Us) at AC, 60 Hz - max O V Rated control supply voltage (Us) at AC, 60 Hz - max O V Rated control supply voltage (Us) at AC, 60 Hz - max O V Rated control supply voltage (Us) at DC - max O V Rated control supply voltage (Us) at DC - max O V Rated control voltage (Uc) Zero Max D V Interfaces Number of slave addresses: 62 (AS-Interface®) physer supply unit (30 V): 190 mA	Rated conditional short-circuit current (Iq)	10 kA
Rated control supply voltage (Us) at AC, 50 Hz - min 0 V Rated control supply voltage (Us) at AC, 50 Hz - max 0 V Rated control supply voltage (Us) at AC, 60 Hz - min 0 V Rated control supply voltage (Us) at AC, 60 Hz - min 0 V Rated control supply voltage (Us) at AC, 60 Hz - max 0 V Rated control supply voltage (Us) at AC, 60 Hz - max 0 V Rated control supply voltage (Us) at AC, 60 Hz - max 0 V Rated control supply voltage (Us) at DC - min 0 V Rated control supply voltage (Us) at DC - max 0 V Rated control supply voltage (Us) at DC - max 0 V Rated control supply voltage (Us) at DC - max 0 V Rated control voltage (Uc) 24 V DC (-15 %/+20 %, external via AS-Interface® plug) Connection Connections pluggable in power section Interfaces Number of slave addresses: 62 (AS-Interface®) power supply unit (30 V): 190 mA	Rated conditional short-circuit current (Iq), type 2, 380 V, 400 V, 415 V	0 A
Rated control supply voltage (Us) at AC, 50 Hz - max 0 Rated control supply voltage (Us) at AC, 60 Hz - min 0 Rated control supply voltage (Us) at AC, 60 Hz - max 0 Rated control supply voltage (Us) at AC, 60 Hz - max 0 Rated control supply voltage (Us) at DC - min 0 Rated control supply voltage (Us) at DC - max 0 Rated control supply voltage (Uc) 0 Rated control supply voltage (Uc) 24 V DC (-15 %/+20 %, external via AS-Interface® plug) Connection Connections plugable in power section Interfaces Number of slave addresses: 62 (AS-Interface® power supply unit (30 V): 190 mA	Short-circuit protection (external output circuits)	Type 1 coordination via the power bus' feeder unit, Main circuit
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Rated control voltage (Uc) 24 V DC (-15 %/+20 %, external via AS-Interface® plug) Connection Connections pluggable in power section Interfaces Number of slave addresses: 62 (AS-Interface®) power supply unit (30 V): 190 mA		
Connection Connections pluggable in power section Interfaces Number of slave addresses: 62 (AS-Interface®) Max. total power consumption from AS-Interface® power supply unit (30 V): 190 mA		
Interfaces Number of slave addresses: 62 (AS-Interface®) Max. total power consumption from AS-Interface® power supply unit (30 V): 190 mA		על א דע ו- דס 10/+20 %, external via AS-interface® plug)
Interfaces Number of slave addresses: 62 (AS-Interface®) Max. total power consumption from AS-Interface® power supply unit (30 V): 190 mA	Connection	Connections pluggable in power section
		Number of slave addresses: 62 (AS-Interface®) Max. total power consumption from AS-Interface® power supply unit (30 V): 190

Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	1
Cable length	10 m, Radio interference level, maximum motor cable length
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	Meets the product standard's requirements.
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) / Motor starter/Motor starter combination (EC001037)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Load breakout, motor breakout / Motor starter combination (ecl@ss10.0.1-27-37-09-05	
[AJZ718013])	

[AJZ/18013])		
Type of motor starter		Reversing starter
With short-circuit release		Yes
Rated control supply voltage Us at AC 50HZ	V	0 - 0
Rated control supply voltage Us at AC 60HZ	V	0 - 0
Rated control supply voltage Us at DC	v	0 - 0
Voltage type for actuating		DC
Rated operation power at AC-3, 230 V, 3-phase	kW	0
Rated operation power at AC-3, 400 V	kW	3
Rated power, 460 V, 60 Hz, 3-phase	kW	2.238
Rated power, 575 V, 60 Hz, 3-phase	kW	0
Rated operation current le	А	6.6
Rated operation current at AC-3, 400 V	А	6.6
Overload release current setting	А	0.3 - 6.6
Rated conditional short-circuit current, type 1, 480 Y/277 V	А	65,000
Rated conditional short-circuit current, type 1, 600 Y/347 V	А	0
Rated conditional short-circuit current, type 2, 230 V	А	0
Rated conditional short-circuit current, type 2, 400 V	А	0
Number of auxiliary contacts as normally open contact		1
Number of auxiliary contacts as normally closed contact		0
Ambient temperature, upper operating limit	0°	55
Temperature compensated overload protection		Yes
Release class		CLASS 10 A

Type of electrical connection framinicicuit Plugin connection Type of electrical connection framinicicuit None With fail moniting possible None With fail connection for auxiliary- and control current circuit None Stabab for amergeney tap None Confination class according to EC 0897-43 None Stabab for amergeney tap None Degree of protection (NPL) None Stabab for amergeney tap None Degree of protection (NPL) None Supporting protecol for NDP/P None Supporting protecol for			
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Number of command positions Image: second positions Image: sec			No
Suble for emargary stop Image: Subject S	With transformer		No
Conditation lights according to IEC 60947.4-3 Image of indicator lights 0 Number of indicator lights 0 0 Degree of protection (IP) Image of protection (IP) Image of protection (IPA) Degree of protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protection (IPA) Image of protection (IPA) Supporting protection (IPA) Image of protec	Number of command positions		2
Number of indicator lights Image: set possible Image: set possibl	Suitable for emergency stop		No
Extend rest position Image: Pischer State St	Coordination class according to IEC 60947-4-3		Class 1
Withise No Degree of protection (NEMA) 15 Supporting protect for CAN No Supporting protect for Mathus No Supporting protect for Mathus No Supporting protect for SUCONET No	Number of indicator lights		0
Degree of protection (NFMA) P6 Supporting protocol for CP//P No Supporting protocol for ASI No Supporting protocol for Mothus No Supporting protocol for Adols No Supporting protocol for SUCONET No Supporting protocol for SUCONET<	External reset possible		Yes
Degree of protection (NEMA) I Supporting protocol for CP/IP >	With fuse		No
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