

DOL starter, 3p, 0.55kW/400V/AC3, 100kA

 Part no.
 MSC-D-1,6-M7(110V50/60HZ)

 Article no.
 115446

 Catalog No.
 XTSC1P6B007BE2NL



Design verification as per IEC/EN 61439

Design verification as per IEG/EIN 01439			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	1.6
Heat dissipation per pole, current-dependent	P _{vid}	W	1.9
Equipment heat dissipation, current-dependent	P _{vid}	W	5.7
Static heat dissipation, non-current-dependent	P _{vs}	W	1.4
Heat dissipation capacity	P _{diss}	W	0
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties			
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 6.0

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@ss8.1-27-37-09-05 [AJZ718010])

[AJZ718010])		
Kind of motor starter		Direct starter
With short-circuit release		Yes
Rated control supply voltage Us at AC 50HZ	V	110 - 110
Rated control supply voltage Us at AC 60HZ	V	110 - 110
Rated control supply voltage Us at DC	V	0 - 0

Vallage Profit or actuating Reflect speration power at ACA 2, 200 V 3 chases W0 05			
Rated operation power at AC-3, 400 V	Voltage type for actuating		AC
Rated power, 760 V, 80 Mz, 3-phase	Rated operation power at AC-3, 230 V, 3-phase	kW	0.25
Rated power, 57 b V, 60 Hz, 2 - phase	Rated operation power at AC-3, 400 V	kW	0.55
Rated operation current is ACS, 400 V A 1.5 Need operation current a exting A 1.6 Rated conditional short-circuit current, type 1, 480 V277 V A 0 Rated conditional short-circuit current, type 1, 480 V277 V A 0 Rated conditional short-circuit current, type 2,280 V A 0 Rated conditional short-circuit current, type 2,780 V A 0 Rated conditional short-circuit current, type 2,780 V A 0 Number of auxiliary contacts as normally open contact A 0 Number of auxiliary contacts as normally closed contact B 0 Auxiliary contacts as normally closed contact C 0 Temperature compensated overload pratection B 0 0 Temperature compensated overload pratection C 0 0 Temperature control of main circuit C 0 0 Type of electrical connection of reasoning remain circuit C 0 0 Type of electrical connection for suiting postable C 0 0 Supporting protocol for CDVIP No 0	Rated power, 460 V, 60 Hz, 3-phase	kW	0
Rated operation current at AC-3,400 V A 1.6 Overload release current setting A 1.16 Rated conditional short-circuit current, type 1,480 Y/27 V A 0 Rated conditional short-circuit current, type 2,400 V A 5000 Rated conditional short-circuit current, type 2,400 V A 5000 Number of availilary contacts as normally open contact C 10 Number of availilary contacts as normally open contact C 0 Antibient temperature, upper operating limit C 0 Tamporature componsated worklood protection C 10AS 10 Relates calcass C 10AS 10 Type of electrical connection of main circuit Yes 10AS 10 Type of electrical connection for availlary- and control current circuit Yes 10A Supporting protocol for TPD/P Yes 10A Supporting protocol for TPD/P No No Supporting protocol for ABN No No Supporting protocol for ABN No No Supporting protocol for Deb-leftex Yes No	Rated power, 575 V, 60 Hz, 3-phase	kW	0
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Rated conditional short-circuit current, type 2,200 Y A 5000 Rated conditional short-circuit current, type 2,200 Y A 5000 Number of auxiliary cortacts as normally closed contact P 1 Number of auxiliary cortacts as normally closed contact C 6 Anishes the auxiliary cortacts as normally closed contact C 8 Anishes and success as normally closed contact C 8 Anishes and success as normally closed contact C 8 Anishes and success as normally closed contact C 8 Temperature compensated overload protection C 8 Type of electrical connection for paxillary- and control current circuit S C Type of electrical connection for paxillary- and control current circuit S Screw connection Type of electrical connection for paxillary- and control current circuit S Screw connection Supporting protection (IP) Yes No Supporting protection (IP) No No Supporting protection for PRIBUS No No Supporting protection for NOBBUS No No	Overload release current setting	А	1 - 1.6
Rated conditional short-circuit current, type 2, 200 V A 3000 Rated conditional short-circuit current, type 2, 400 V A 9000 Number of auxiliary contacts as normally open contact C 0 Ambient change a survive compensated overload protection C 0 Release class C CASS (CASS) Type of electrical connection of main circuit Serve connection Type of electrical connection for auxiliary- and control current circuit Serve connection Rail mounting possible Serve connection Degree of protection IPP Serve connection Supporting protecol for TPPIP No Supporting protecol for PROPRIBUS No Supporting protecol for TPPIP No Supporting protecol for INTERBUS No Supporting protecol for MOBRUS No Supporting protecol for PROPINETICA No	Rated conditional short-circuit current, type 1, 480 Y/277 V	Α	0
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Number of auxiliary contacts as normally closed contact "C 60 Ambient temperature, upper operating limit "C 60 Temperature compensated overload protection "C 70 Release class CLASS 10 Type of electrical connection of main circuit Screw connection Type of electrical connection for auxiliary- and control current circuit Wanne Rail mounting possible Yes Degree of protection (IP) No Supporting protect for TCP/IP No Supporting protect for FCP/IP No Supporting protect for AN No Supporting protect for AN No Supporting protect for AN No Supporting protect for MITERBUS No Supporting protect for MITERBUS No Supporting protect for DeviceMax No Supporting protect for Mountain Fightway No Supporting protect for BeviceMax No Supporting protect for DeviceMax No Supporting protect for PROFINET IO No Supporting protect for FREFORE No Supporting protect for FREFORE	Rated conditional short-circuit current, type 2, 400 V	Α	50000
Ambient temperature, upper operating limit °C 60 Temperature compensated overload protection 4 Yes Release class CLASS 10 CLASS 10 Type of electrical connection of main circuit 5 CEVEX 00 Type of electrical connection for auxiliary- and control current circuit 6 5 Ball amounting possible 7 Pes Degree of protection (IP) 1 P20 Supporting protection (IP) 1 No Supporting protect for CRPIR No No Supporting protector for PROFIBUS No No Supporting protector for NTERBUS No No Supporting protector for MDBUS No No Supporting protector for MDBUS No No Supporting protector for Data-Highway No No Supporting protector for SUCONET No No Supporting protector for SUCONET No No Supporting protector for PROFINET ICBA No No Supporting protector for PROFINET CBA No No Suppo	Number of auxiliary contacts as normally open contact		1
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