Reversing starter, 6.6 A, Sensor input 2, 400/480 V AC, AS-Interface®, S-7.A.E. for 62 modules, HAN Q4/2, with manual override switch



Part no. RAM05-W204A32-412RS1 199112

Product name	Eaton Moeller® series Rapid Link Reversing starter
Part no.	RAM05-W204A32-412RS1
EAN	4015081971701
Product Length/Depth	120 millimetre
Product height	270 millimetre
Product width	220 millimetre
Product weight	1.8 kilogram
Certifications	CE UL approval CCC IEC/EN 60947-4-2 UL 60947-4-2 RoHS
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: drivesConnect Parameterization: drivesConnect mobile (App) Parameterization: Keypad Diagnostics and reset on device and via AS-Interface Parameterization: Fieldbus
Fitted with:	Key switch position AUTO Two sensor inputs through M12 sockets (max. 150 mA) for quick stop and interlocked manual operation Thermistor monitoring PTC Thermo-click Manual override switch Key switch position OFF/RESET Electronic motor protection Key switch position HAND Short-circuit release
Functions	For actuation of motors with mechanical brake External reset possible Temperature compensated overload protection
Class	CLASS 10 A
Degree of protection	NEMA 12
Degree of protection	IP65
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	III
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) Phase-earthed AC supply systems are not permitted. AC voltage
Туре	Reversing starter
Voltage type	DC

Mounting position	Vertical
Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, 11 ms, Half-sinusoidal shock ms, 1000 shocks per shaft
Vibration	Resistance: 10 - 150 Hz, Oscillation frequency Resistance: 6 Hz, Amplitude 0.15 mm Resistance: According to IEC/EN 60068-2-6 Resistance: 57 Hz, Amplitude transition frequency on acceleration
Altitude	Max. 2000 m Above 1000 m with 1 % performance reduction per 100 m Max. 1000 m
Ambient operating temperature - min	-10 °C
Ambient operating temperature - max	55 °C
Ambient storage temperature - min	-40 °C
Ambient storage temperature - max	70 °C
Climatic proofing	< 95 %, no condensation In accordance with IEC/EN 50178
Current limitation	0.3 - 6.6 A, motor, main circuit Adjustable, motor, main circuit
Input current	6.6 A (at 150 % Overload)
Mains switch-on frequency	Maximum of one time every 60 seconds
Mains voltage tolerance Off-delay	380 - 480 V (-15 %/+10 %, at 50/60 Hz) 20 - 35 ms
On-delay	20 - 35 ms
Output frequency	50/60 Hz
Overload cycle	AC-53a
Rated frequency - max	63 Hz
Rated frequency - min	47 Hz
Rated operational current (Ie)	6.6 A
Rated operational current (le) at 150% overload	6.6 A
Rated operational current (Ie) 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, 220/230 V, 50 Hz	0 kW
Rated operational power at AC-3, 380/400 V, 50 Hz	3 kW
Rated operational voltage	400 V AC, 3-phase 480 V AC, 3-phase
Supply frequency	50/60 Hz, fLN, Main circuit
Assigned motor power at 460/480 V, 60 Hz, 3-phase	3 HP
Braking current	≤ 0.6 A (max. 6 A for 120 ms), Actuator for external motor brake
Braking voltage	400/480 V AC -15 % / +10 %, Actuator for external motor brake
Rated conditional short-circuit current (Iq)	10 kA
Rated conditional short-circuit current (Iq), type 2, 380 V, 400 V, 415 V	0 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	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 - 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 voltage (Uc)	24 V DC (-15 %/+20 %, external via AS-Interface® plug) 400/480 V AC (external brake 50/60 Hz)

Connection	Connections pluggable in power section
Interfaces	Specification: S-7.A.E. (AS-Interface®) Number of slave addresses: 62 (AS-Interface®) Max. total power consumption from AS-Interface® power supply unit (30 V): 190 mA
Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	0
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 switch gear 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])

[A02710010])		
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	10,000
Rated conditional short-circuit current, type 1, 600 Y/347 V	А	0
Rated conditional short-circuit current, type 2, 230 V	Α	0
Rated conditional short-circuit current, type 2, 400 V	А	0

Number of auxilary contacts as normally agent contact         0           Ambient transportation, apper aperating limit         7C         55           Temperature, apper aperating limit         7C         55           Temperature compensated coverlead protection         4C         2C           Type of electrical connection of main circuit         Plugin connection         Plugin connection           With transformer         Plugin connection         Plugin connection           Condition of class according to IEC 0937 4.3         Plugin connection         Plugin connection           With fuse         Plugin connection IPI         Plugin connection IPI           Degree of protection IPIP         Plugin connection IPI         Plugin connection IPI           Supporting protect for PSPARIUS         Plugin connection         Plugin connection IPI           Supporting protect for PSPARIUS         Plugin connection         Plugin connection IPI			
Ambient temperature, upper operating limit  Temperature, upper operating limit  For each electrical connection of main circuit  Type of electrical connection of main circuit  Type of electrical connection for auxiliary- and control current circuit  Fall mounting possible  Fall mounting possible  Fall mounting possible  No No  Number of command possibors  Subable for emergency stop  Confraints of case according to EU 50987-4-3  Number of indicatar lights  Number of indicatar	Number of auxiliary contacts as normally open contact		0
Temperatura compensated overload protection         Yes           Rebasse Class         CLASS 10 A           Plug-in connection of main circuit         Plug-in connection           Yep of electrical connection of main circuit         Plug-in connection           Fall mounting possible         No           With transformer         No           Number of command pessions         2           Suitable for emergency stap         Class 1           Coordination class according to EC 0997-4-3         0           Number of indication class according to EC 0997-4-3         0           With fuse         0           External reset possible         9           With fuse         1P85           Degree of protection IPEM         1P85           Degree of protection IPEMA)         12           Supporting protect for TCPIP         No           Supporting protect for TCPRP         No           Supporting protect for PCNTERBUS         No           Supporting protect for MTERBUS         No           Supporting protect for Mothubus         No           Supporting protect for Data-Highway         No           Supporting protect for Data-Highway         No           Supporting protect for Data-Highway         No           S	Number of auxiliary contacts as normally closed contact		0
Release class         CLASS 10.4           Type of electrical connection framic circuit         Plug-in connection           Type of electrical connection for auxiliary- and control current circuit         Plug-in connection           With crack order         No           With crack order         No           Number of command positions         Plug-in connection           Stablate for energiancy stop         No           Coordination class according to IEC 0997-4-3         No           Number of indicator lights         Vo           External reset possible         No           With flux         No           Degree of protection (IP)         Plo5           Begree of protection (IP)         Plo5           Supporting protocol for FCAPP         No           Supporting protocol for FCAPP         No           Supporting protocol for FCAPP         No           Supporting protocol for ASI         Yo           Supporting protocol for Data-Highway         No           Supporting protocol for FORDINET IO         No           Supporting protocol for FORDINET CBA	Ambient temperature, upper operating limit	°C	55
Type of electrical connection of main circuit         Plug-in connection           Type of electrical connection for auxiliary- and control current circuit         Plug-in connection           Rail mountain possible         No           Number of command positions         2           Suitable for emergency stop         No           Coordination class according to IEE 00974-3         10           Number of indicator lights         0           External reast-possible         10           With fund         196           Degree of protection (IPF)         195           Degree of protection (IPF)         196           Supporting protocol for PROFIBUS         10           Supporting protocol for PROFIBUS         10           Supporting protocol for PROFIBUS         10           Supporting protocol for Modebus         10           Supporting protocol for Modebus         10           Supporting protocol for Des Highway         10           Supporting protocol fo	Temperature compensated overload protection		Yes
Type of electrical connection for auxiliary- and control currant circuit         Plug-in connection           Rall mounting possible         No           With transformer         2           Notable for emergency stop         No           Coordination class according to LEE 60047-4-3         Class 1           Number of indicators rights         9           External reset possible         Yes           With Just of the Control (IP)         P65           Degree of protection (IP)         1965           Supporting protector for PROFISUS         No           Supporting protector for PROFISU	Release class		CLASS 10 A
Rail mounting possible         No           With standardemen         No           Number of command positions         2           Statable for emergency stop         No           Coordination class according to IEG 8997-43         Class 1           Number of indicator lights         Class 1           External reset possible         Yes           With fuse         No           Degree of protection IIPP         PP5           Degree of protection IREMAI         12           Supporting protector for TCPIP         No           Supporting protector for Moduse         No           Supporting protector for DCPIP         No           Supporting protector for POPFINET IO         No	Type of electrical connection of main circuit		Plug-in connection
With transformer         No           Number of command positions         2           Suitable for emergency stop         No           Condentation class according to IEC 69847-4.3         Class 1           Number of indicator lights         9         9           External reset possible         8         0           With fusa         10         10           Degree of protection (IP)         10         165           Degree of protection (NEMA)         12         12           Supporting protocol for TCP/IP         10         No           Supporting protocol for TCP/IP         No         No           Supporting protocol for FROFIBUS         No         No           Supporting protocol for FASH         No         No           Supporting protocol for FASH         No         No           Supporting protocol for FASH-Highway         No         No           Supporting protocol for SUCNET         No         No           Supporting protocol for FOFIFICE IO         No         No	Type of electrical connection for auxiliary- and control current circuit		Plug-in connection
Number of command positions           2           Suitable for emergency stop           6         No           Coordination class according to IEC 00947-4-3           6         Class 1           Number of indicator lights           7         Yes           External reset possible           9         Yes           With fuse           10         1966           Degree of protection (IPP)           16         16           Supporting protect for TCPIP           7         No           Supporting protect for PROFIBUS           8         No           Supporting protect for FCAN           9         No           Supporting protect for ASI           9         No           Supporting protect for Madbus           9         No           Supporting protect for DaviceNet           9         No           Supporting protect for PROFINET Cla           9         No           Supporting protect for PROFINET Cla           9         No	Rail mounting possible		No
Suitable for emergency stop         Mo         Coardination class according to IEC 609474-3         Coardination class according to IEC	With transformer		No
Coordination class according to IEC 68947-4-3         Class 1           Number of indicator lights         9           External raset possible         Yes           With fuse         1985           Degree of protection (IPI)         1985           Supporting protector for TCPIPI         No           Supporting protector for PROFIBUS         No           Supporting protector for AAN         No           Supporting protector for AN         No           Supporting protector for BABLES         No           Supporting protector for DABLES         No           Supporting protector for PROFINET GA         No           Supporting protector for PROFINET GA         No           Supporting protector for EMECOS         No           Supporting	Number of command positions		2
Number of indicator lights         Kase           External reset possible         Yes           With fuse         No           Degree of protection (NPCA)         12           Degree of protection (NEMA)         12           Supporting protector for TCP/IP         No           Supporting protector for TCP/IP         No           Supporting protector for INTERBUS         No           Supporting protector for INTERBUS         No           Supporting protector for INTERBUS         No           Supporting protector for Modbus         No           Supporting protector for Modbus         No           Supporting protector for Data-Highway         No           Supporting protector for SUCONET         No           Supporting protector for PROFINET IO         No           Supporting protector for PROFINET IO         No           Supporting protector for PROFINET CBA         No           Supporting protector for FRORISE CBA         No           Supporting protector for Endentwelf         No <t< td=""><td>Suitable for emergency stop</td><td></td><td>No</td></t<>	Suitable for emergency stop		No
External reset possible         Yes           With fuse         No           Degree of protection (IP)         PB5           Degree of protection (IRMA)         Yes           Supporting protocol for TCP/IP         No           Supporting protocol for PROFIBUS         No           Supporting protocol for CAN         No           Supporting protocol for ASI         Yes           Supporting protocol for Motbus         No           Supporting protocol for Data-Highway         No           Supporting protocol for Data-Highway         No           Supporting protocol for PROFINET DB         No           Supporting protocol for PROFINET OB         No           Supporting protocol for PROFINET DB         No           Supporting protocol for PROFINET CBA         No           Supporting protocol for PROFINET CBA         No           Supporting protocol for FROFINET CBA         No	Coordination class according to IEC 60947-4-3		Class 1
With fisse         No           Degree of protection (IPM)         1985           Degree of protection (IRMA)         12           Supporting protect of TCP/IP         No           Supporting protect of TCP/IPS         No           Supporting protect of TCAN         No           Supporting protect of TCAN         No           Supporting protect for INTERBUS         No           Supporting protect for Modbus         No           Supporting protect for Dat-Highway         No           Supporting protect for DeviceNet         No           Supporting protect for SUCONET         No           Supporting protect for PROFINET IO         No           Supporting protect for PROFINET ECBA         No           Supporting protect for FROFINET ECBA         No           Supporting protect for FROFINET BUS         No           Supporting protect for FROFINET WAR         No           Supporting protect for FROFINET WAR         No           Supporting protect for FROFINET BUS         No           Supporting protect for FROFINET BUS         No           Supporting protect for FROFINET BUS         No           Supporting protect for From Wart         No           Supporting protect for From Wart         No           Su	Number of indicator lights		0
Degree of protection (IP)         1P65           Degree of protection (NEMA)         12           Supporting protocol for TCP/IP         No           Supporting protocol for TCP/IP         No           Supporting protocol for PDFIBUS         No           Supporting protocol for EDRIBUS         No           Supporting protocol for INTERBUS         No           Supporting protocol for Modbus         Yes           Supporting protocol for Data-Highway         No           Supporting protocol for Data-Highway         No           Supporting protocol for DuckeNet         No           Supporting protocol for DuckeNet         No           Supporting protocol for PROFINET IO         No           Supporting protocol for PROFINET EDA         No           Supporting protocol for PROFINET EDA         No           Supporting protocol for PROFINET EDA         No           Supporting protocol for EtherNet/IP         No           Supporting protocol for Foundation Fieldbus         No           Supporting protocol for EtherNet/IP         No           Supporting protocol for AS-Interface Safety at Work         No           Supporting protocol for INTERBUS-Safety         No           Supporting protocol for PROFISafe         No           Supporting prot	External reset possible		Yes
Degree of protection (NEMA)         12           Supporting protocol for TCP/IP         No           Supporting protocol for PROFIBUS         No           Supporting protocol for CAN         No           Supporting protocol for CAN         No           Supporting protocol for ASI         Yes           Supporting protocol for Modbus         No           Supporting protocol for Desirability         No           Supporting protocol for PROFINET         No           Supporting protocol for PROFINET (DN         No           Supporting protocol for PROFINET (BA         No           Supporting protocol for Fundation Fieldbus         No           Supporting protocol for Etherlev/IP         No           Supporting protocol for Etherlev/IP         No           Supporting protocol for Devicablet Safety         No           Supporting protocol for PROFISafe         No           Supporting protocol for Sa	With fuse		No
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Supporting protocol for PROFIBUS         No           Supporting protocol for LAN         No           Supporting protocol for INTERBUS         No           Supporting protocol for ASI         Yes           Supporting protocol for Modbus         No           Supporting protocol for Data-Highway         No           Supporting protocol for Data-Highway         No           Supporting protocol for SUCONET         No           Supporting protocol for Data-Highway         No           Supporting protocol for SUCONET         No           Supporting protocol for SUCONET         No           Supporting protocol for PROFINET IO         No           Supporting protocol for PROFINET EBA         No           Supporting protocol for SERCOS         No           Supporting protocol for Foundation Fieldbus         No           Supporting protocol for AS-Interface Safety at Work         No           Supporting protocol for DaviceNet Safety         No           Supporting protocol for DaviceNet Safety         No           Supporting protocol for DaviceNet Safety         No           Supporting protocol for INTERBUS-Safety         No           Supporting protocol for PROFISafe         No           Supporting protocol for SafetyBUS p         No           <	Degree of protection (NEMA)		12
Supporting protocol for CAN           No           Supporting protocol for INTERBUS           No           Supporting protocol for ASI           No           Supporting protocol for Modbus           No           Supporting protocol for Data-Highway           No           Supporting protocol for SUCONET           No           Supporting protocol for SUCONET           No           Supporting protocol for PROFINET IO           No           Supporting protocol for PROFINET EDA           No           Supporting protocol for SERCOS           No           Supporting protocol for SERCOS           No           Supporting protocol for EACHAITE EDA           No           Supporting protocol for SERCOS           No           Supporting protocol for EDERCOS           No           Supporting protocol for EACHAITE EDA           No           Supporting protocol for EDERCOS           No           Supporting protocol for PAS-Interface Safety at Work           No           Supporting protocol for PROFIsafe           No           Supporting protocol for PROFIsafe           No           Suppo	Supporting protocol for TCP/IP		No
Supporting protocol for INTERBUS         No           Supporting protocol for ASI         Yes           Supporting protocol for Modbus         No           Supporting protocol for Data-Highway         No           Supporting protocol for DeviceNet         No           Supporting protocol for SUCONET         No           Supporting protocol for PROFINET IO         No           Supporting protocol for PROFINET GBA         No           Supporting protocol for FROGNET SERCOS         No           Supporting protocol for Fundation Fieldbus         No           Supporting protocol for EtherNet/IP         No           Supporting protocol for Exercos         No           Supporting protocol for Profisate         No           Supporting protocol for PROFisate         No           Supporting protocol for SafetyBUS p         No           Supporting protocol for Other bus systems         No           Supporting protocol for Other bus	Supporting protocol for PROFIBUS		No
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Supporting protocol for SUCONET  Supporting protocol for SUCONET  Supporting protocol for LON  Supporting protocol for PROFINET IO  Supporting protocol for PROFINET CBA  Supporting protocol for FROFINET CBA  Supporting protocol for Foundation Fieldbus  Supporting protocol for Foundation Fieldbus  Supporting protocol for EtherNet/IP  Supporting protocol for AS-Interface Safety at Work  Supporting protocol for DeviceNet Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for SafetyBUS P  Supporting protocol for Other bus systems  Midth  M	Supporting protocol for Modbus		No
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Supporting protocol for LON  Supporting protocol for PROFINET IO  Supporting protocol for PROFINET CBA  Supporting protocol for SERCOS  Supporting protocol for Foundation Fieldbus  Supporting protocol for EtherNet/IP  Supporting protocol for AS-Interface Safety at Work  Supporting protocol for DeviceNet Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for PROFIsafe  Supporting protocol for SafetyBUS p  Supporting protocol for SafetyBUS p  Supporting protocol for SafetyBUS p  Supporting protocol for OdericeNet Safety  Supporting protocol for SafetyBUS p  Supporting protocol for SafetyBUS p  Supporting protocol for OdericeNet Safety  Supporting protocol for SafetyBUS p  Supporting protocol for SafetyBUS p  Supporting protocol for OdericeNet Supporting protocol for OdericeNet Supporting protocol for SafetyBUS p  Supporting protocol for OdericeNet Supporting protocol for OdericeNet Supporting protocol for OdericeNet Supporting protocol for SafetyBUS p  Supporting protocol for SafetyBUS p  Supporting protocol for OdericeNet Supporting protocol for SafetyBUS p  Supporting protocol for SafetyBUS p  Supporting protocol for OdericeNet Support	Supporting protocol for DeviceNet		No
Supporting protocol for PROFINET IO Supporting protocol for PROFINET CBA Supporting protocol for SERCOS Supporting protocol for Foundation Fieldbus Supporting protocol for EtherNet/IP Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety at Work Supporting protocol for DeviceNet Safety Supporting protocol for INTERBUS-Safety Supporting protocol for PROFIsafe Supporting protocol for SafetyBUS p Supporting protocol for SafetyBUS p Supporting protocol for Other bus systems Width Height  No  No  No  No  No  No  No  No  No  N	Supporting protocol for SUCONET		No
Supporting protocol for PROFINET CBA  Supporting protocol for SERCOS  Supporting protocol for Foundation Fieldbus  Supporting protocol for EtherNet/IP  Supporting protocol for EtherNet/IP  Supporting protocol for DeviceNet Safety at Work  Supporting protocol for DeviceNet Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for PROFIsafe  Supporting protocol for SafetyBUS p  Supporting protocol for SafetyBUS p  Supporting protocol for Other bus systems  Width  Height  No  No  No  No  No  No  No  No  No  N	Supporting protocol for LON		No
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Supporting protocol for AS-Interface Safety at Work  Supporting protocol for DeviceNet Safety  Supporting protocol for INTERBUS-Safety  No Supporting protocol for PROFIsafe  Supporting protocol for SafetyBUS p  Supporting protocol for other bus systems  Width  mm  220  Height  No	Supporting protocol for Foundation Fieldbus		No
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Supporting protocol for SafetyBUS p No Supporting protocol for other bus systems No Width mm 220 Height 270	Supporting protocol for INTERBUS-Safety		No
Supporting protocol for other bus systems  No Width  mm 220  Height  mm 270	Supporting protocol for PROFIsafe		No
Width mm 220 Height 270	Supporting protocol for SafetyBUS p		No
Height mm 270	Supporting protocol for other bus systems		No
	Width	mm	220
Depth mm 120	Height	mm	270
	Depth	mm	120