

DOL starter, 3p, 0.06kW/400V/AC3, 100kA

Powering Business Worldwide*

 Part no.
 MSC-D-0,25-M7(110V50HZ,120V60HZ)

 Article no.
 115893

 Catalog No.
 XTSCP25B007BANL

Design verification as per IEC/EN 61439

Design vermication as per illo/liv 01400			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	0.25
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])

[AJZ/18010])		
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	120 - 120
Rated control supply voltage Us at DC	V	0 - 0

Notines by Notines of Notines No			
Rated operation power at AC-3, 400 V INW 0.88 Rated operation current or (M) 0 Rated operation current or (M) 0.21 Rated operation current at AC-3, 400 V (M) 0.25 Rated conditional short-circuit current, typa 1, 460 Y/27 V (M) 0 Rated conditional short-circuit current, typa 1, 500 Y/37 V (M) 0 Rated conditional short-circuit current, typa 2,000 V (M) 0 Rated conditional short-circuit current, typa 2,000 V (M) 0 Number of auxiliary contacts as normally observations. (M) 0 Release classified auxiliary contacts as normally observations. (M) 0 Release classified auxiliary contacts as normally observations. (M) 0 Release classified auxiliary contacts as normally observed type of selectrical connection of main circuit (M) 0 Tope of selectrical connection for auxiliary- and control current circuit (M) 0 0 Release classified power of protection for Pall (M) (M) 0 0 0 0 0 0 0 0 0 0 0	Voltage type for actuating		AC
Rated power, 767 v, 80 Hz, 3-phase 140			
Rated gover, 515 V, 80 Hz, 2-phase NW 0 Rated operation current le Rotto (peration current le AC-3,400 V) A 0.25 Overfood release current setting A 0.18 - 0.25 Rated conditional short-circuit current, ype 1, 480 Y/277 V A 0 Rated conditional short-circuit current, ype 1, 680 Y/374 V A 5000 Rated conditional short-circuit current, ype 2, 400 V A 5000 Number of auxiliary contacts as normally open contact B 0 Number of auxiliary contacts as normally open contact B 0 Ambient temperature, upper operating limit C 0 Ambient temperature compensated overload protection B 0 Temperature compensated overload protection C 0 Type of electrical connection of main circuit C 0 Type of electrical connection of main circuit C 0 Suppering protector for FCPIP No No Suppering protector for FCPIP No No Suppering protector for FCPIP No No Suppering protector for MOBUS No No			
Rated operation current le A 0.21 Rated operation current ar ACA, 480 V A 0.56 Overload release current artesting A 0.62 Rated conditional short-circuit current, ypo 1, 480 V277 V A 0 Rated conditional short-circuit current, ypo 2, 280 V A 0 Rated conditional short-circuit current, ypo 2, 280 V A 0 Rated conditional short-circuit current, ypo 2, 280 V B 0 Rated conditional short-circuit current, ypo 2, 280 V B 0 Rated conditional short-circuit current, ypo 2, 280 V B 0 Rated conditional short-circuit current, ypo 2, 280 V B 0 Number of auxiliary contacts as normally open contact V 0 0 Number of auxiliary contacts as normally obed contact V 0 0 Tomportung contact as normally obed contact V 0 0 Release class S 0 0 Type of electrical connection of main circuit V 0 0 Page of protection (P) V 0 0 <t< td=""><td>Rated power, 460 V, 60 Hz, 3-phase</td><td></td><td></td></t<>	Rated power, 460 V, 60 Hz, 3-phase		
Rated operation current at AC-3,400 V A 0.5 Overload release current setting 4 0.6 Rated conditional short-circuit current, type 1,480 Y/27 V 4 0 Rated conditional short-circuit current, type 2,400 V 4 0 Rated conditional short-circuit current, type 2,400 V 4 0 Rated conditional short-circuit current, type 2,400 V 6 0 Number of availilary contacts as normally open contact 7 0 Number of availilary contacts as normally open contact 8 0 Antisent temperature, upper operating limit 9 1 0 Antisent temperature, upper operating limit 9 1 0 Tamperature compensated worload protection 1 0 0 Tamperature compensated worload protection 1 0 0 Type of electrical connection for availary- and control current circuit 1 0 0 Specifical connection for availary- and control current circuit 1 0 0 Supporting protacto for TPD/PB 1 0 0 Supporting protacto for TPD/PB <td></td> <td>kW</td> <td>0</td>		kW	0
Overload release current setting A 3 (- 0.25) Rated conditional short-circuit current. type 1,480 Y277 Y A A 0 (- 0.25) Rated conditional short-circuit current. type 2,280 Y A 5 (- 0.25) (- 0.25) Rated conditional short-circuit current. type 2,280 Y A 5 (- 0.25) (- 0.25) Rated conditional short-circuit current. type 2,280 Y A 5 (- 0.25) (- 0.25) Number of sublinity contacts as normally open contend B 7 (- 0.25) (- 0.25) Ambient demperature, upper operating limit C 6 (- 0.25) (- 0.25) Temperature compensated overload protection C (- 0.25) (- 0.25) Release class C (- 0.25) (- 0.25) (- 0.25) Yope of electrical connection for auxiliary- and control current circuit C 9 (- 0.25) (- 0.25) (- 0.25) Supporting protection for PDFIR C No No (- 0.25) (- 0.25) (- 0.25) (- 0.25) (- 0.25) (- 0.25) (- 0.25) (- 0.25) (- 0.25) (- 0.25) (- 0.25) (- 0.25) (- 0.25)	Rated operation current le	Α	0.21
Rated conditional short-circuit current, ype 1,460 Y/377 V A 0 Rated conditional short-circuit current, ype 1,460 Y/377 V A 0000 Rated conditional short-circuit current, ype 2,400 V A 0000 Number of auxiliary contacts as normally open contact B 1 Number of auxiliary contacts as normally closed contact C 0 Ambient temperature, upper operating limits C 0 Temperature compensated overload protection C 0 Release class C 0 Reported of protection of manificated C 0 Type of electrical connection frauxiliary and control current circuit 0 0 Supporting protected for TCPIP 0 0 Supporting protected for TCPIP 0 0 Supporting protected for ACAN 0	Rated operation current at AC-3, 400 V	Α	0.25
Rated conditional short-circuit current, yee 2,200 Y A 60000 Rated conditional short-circuit current, yee 2,200 Y A 50000 Number of assuilary contacts as normally closed contact P 1 Number of assuilary contacts as normally closed contact C 8 Ambient emperature, upper operating limit *C Yes Tomporature compensated overload protection C Yes Release class C CASS 10 Type of electrical connection of main circuit Yes Carse connection Type of electrical connection for auxiliary and control current circuit Yes Yes Degree of protection (IP) Yes Yes Supporting protected for TCPAP Yes No Supporting protected for TCPAP No No Supporting protected for INTERBUS No No Supporting protected for INTERBUS No No Supporting protected for MoDBUS No No Supporting protected for PROFINET (IS No No Supporting protected for SUCONET No No Supporting	Overload release current setting	Α	0.16 - 0.25
Bated conditional short-circuit current, type 2, 280 V A 30000 Rated conditional short-circuit current, type 2, 400 V A 30000 Number of auxiliary contacts as normally open contact C 0 Ambient comparture upper operating limit C 0 Temperature compensated overload protection C 0 Release class CLASS LOS CLASS LOS Type of electrical connection of main circuit C Serve connection Type of electrical connection for auxiliary- and control current circuit C Yes Bail mounting possible C Yes Degree of protection IIP) Yes Province Supporting protocol for TCP/IP Yes No Supporting protocol for TCP/IP Yes No Supporting protocol for FROFIBUS Yes No Supporting protocol for FROFIBUS Yes No Supporting protocol for MOSBUS	Rated conditional short-circuit current, type 1, 480 Y/277 V	Α	0
Rated conditional short-circuit current, type 2,400 V A 30000 Number of auxiliary contacts as normally open contact 1 1 Number of auxiliary contacts as normally closed contact 0 CA Ambient temperature, upper operating limit 0 CA Release class 1 CASS 10 Type of electrical connection for auxiliary and control current circuit 5 CASS 10 Type of electrical connection for auxiliary and control current circuit 6 CASS 10 Ball mounting possible 6 CASS 10 Bupporting protection (PP) Pos Crew connection Supporting protection (TCP/IP Pos Crew connection Supporting protector for PROFIBUS No Supporting protector for INTERBUS No Supporting protector for MOBBUS No Supporting protector for MOBBUS No Supporting protector for EverkeNe No Supporting protector for DeviceNe No Supporting protector for DeviceNe No Supporting protector for Profinite Tio No Supporting protector for Profinite Tio No	Rated conditional short-circuit current, type 1, 600 Y/347 V	Α	0
Number of auxiliary contacts as normally open contact 6 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Rated conditional short-circuit current, type 2, 230 V	Α	50000
Number of auxiliary contacts as normally closed contact C 60 Ambient temperature, upper operating limit ****C 96 Temperature compensated overload protection ****C 10 Release class CASS 10 Type of electrical connection of main circuit Screw connection Type of electrical connection for auxiliary- and control current circuit Screw connection Bull mounting possible Yes 120 Supporting protect of TCP/IP No 120 Supporting protect for TCP/IP No 120 Supporting protect for ASI No 120 Supporting protect for ASI No 120 Supporting protect for MDRBUS No 120 Supporting protect for Bevielke No 120 Supporting protect for Devicelke No 120 Supporting protect for PROFINET IO No 120 Supporting protect for FRECOS <td>Rated conditional short-circuit current, type 2, 400 V</td> <td>Α</td> <td>50000</td>	Rated conditional short-circuit current, type 2, 400 V	Α	50000
Ambient temperature , upper operating limit Temperature compensated overload protection Release class Type of electrical connection of main circuit Type of electrical connection of main circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for auxiliary- and control current circuit Type of electrical connection for professes Type of reprotect for CAN Supporting protocol for FROFIBUS Type of my protocol for MDBUS Type of my protocol for Bull-Highway Type of my protocol for PROFIBET CBA Type of my protocol for professes Type of my protocol for Ax-Interface Sefety at Work Type of my protocol for Ax-Interface Sefety at Work Type of my protocol for Ax-Interface Sefety at Work Type of my protocol for PROFIBET CBA Type of my protocol for PROFIBET CBA Type of my protocol for PROFIBET CBA Type of my protocol for Ax-Interface Sefety at Work Type of my protocol for Ax-Interface Sefety at Wor	Number of auxiliary contacts as normally open contact		1
Temperature compensated overload protection Yes Release class CLASS 10 Type of electrical connection of main circuit Screw connection Type of electrical connection for aswilliary- and control current circuit Yes Bail mounting possible Yes Degree of protection (IP) IP20 Supporting protecol for TCP/IP No Supporting protecol for TCP/IP No Supporting protecol for CAN No Supporting protecol for MTREBUS No Supporting protecol for MDBUS No Supporting protecol for MDBUS No Supporting protecol for Data-Highway No Supporting protecol for Data-Highway No Supporting protecol for SUCONET No Supporting protecol for DeviceNet No Supporting protecol for PROFINET IO No Supporting protecol for PROFINET GA No Supporting protecol for PROFINET GA No Supporting protecol for PROFINET GA No Supporting protecol for Facilitation Fieldbus No Supporting protecol for Facilitation Fieldbus No	Number of auxiliary contacts as normally closed contact		0
Release class Type of electrical connection of main circuit Type of electrical connection for auxiliary- and control current circuit Rail mounting possible Degree of protection (IP) Supporting protocol for TCP/IP Supporting protocol for PROFIBUS Supporting protocol for CAN Supporting protocol for CAN Supporting protocol for INTERBUS Supporting protocol for INTERBUS Supporting protocol for Davis-Highway Supporting protocol for Davis-Highway Supporting protocol for Davis-Highway Supporting protocol for Davis-Supporting protocol for PROFINET (IN) Supporting protocol for SECOS Supporting protocol for FROFINET (IN) Supporting protocol for Davis-Highway Supporting protocol for Supporting protocol for Secos Supporting protocol for Secos Supporting protocol for Davis-Highway Supporting protocol for Davis-Highway Supporting protocol for Suppor	Ambient temperature, , upper operating limit	°C	60
Type of electrical connection of main circuit Screw connection Type of electrical connection for auxiliary- and control current circuit Screw connection Rail mounting possible Yes Degree of protection (IP) IP20 Supporting protocol for TCP/IP No Supporting protocol for PROFIBUS No Supporting protocol for CAN No Supporting protocol for INTERBUS No Supporting protocol for MOBUS No Supporting protocol for Data-Highway No Supporting protocol for Data-Highway No Supporting protocol for Duta-Highway No Supporting protocol for Duta-Highway No Supporting protocol for PROFINET IO No Supporting protocol for PROFINET IO No Supporting protocol for PROFINET GBA No Supporting protocol for Cevice No No Supporting protocol for FROFINET GBA No Supporting protocol for Cevice No No<	Temperature compensated overload protection		Yes
Type of electrical connection for auxiliary- and control current circuit Screw connection Rail mounting possible Yes Degree of protection (IP) IP20 Supporting protocol for TCP/IP No Supporting protocol for RBGFIBUS No Supporting protocol for RBGFIBUS No Supporting protocol for INTERBUS No Supporting protocol for INTERBUS No Supporting protocol for MDBUS No Supporting protocol for Data-Highway No Supporting protocol for Data-Highway No Supporting protocol for SuccoNET No Supporting protocol for PBGFINET IO No Supporting protocol for PBGFINET IO No Supporting protocol for PBGFINET CBA No Supporting protocol for FORDINET CBA No <	Release class		CLASS 10
Rail mounting possible Degree of protection (IP) Supporting protocol for TCP/IP Supporting protocol for PROFIBUS Supporting protocol for CAN Supporting protocol for GAN Supporting protocol for MADBUS Supporting protocol for MODBUS Supporting protocol for MODBUS Supporting protocol for Data-Highway Supporting protocol for Data-Highway Supporting protocol for SUCONET Supporting protocol for SUCONET Supporting protocol for PROFINET IO Supporting protocol for PROFINET IO Supporting protocol for PROFINET IO Supporting protocol for PROFINET GBA Supporting protocol for FROFINET GBA Su	Type of electrical connection of main circuit		Screw connection
Degree of protection (IP) Supporting protocol for TCP/IP Supporting protocol for PROFIBUS Supporting protocol for PROFIBUS Supporting protocol for CAN Supporting protocol for INTERBUS Supporting protocol for INTERBUS Supporting protocol for MODBUS Supporting protocol for MODBUS Supporting protocol for Data-Highway Supporting protocol for But-Highway Supporting protocol for But-Highway Supporting protocol for But-Highway Supporting protocol for SUCONET Supporting protocol for SUCONET Supporting protocol for PROFINET IO Supporting protocol for PROFINET OB Supporting protocol for PROFINET GBA Supporting protocol for SERCOS Supporting protocol for SERCOS Supporting protocol for SERCOS Supporting protocol for EtherNet/IP Supporting protocol for EtherNet/IP Supporting protocol for EtherNet/IP Supporting protocol for DeviceNet Safety Supporting protocol for DeviceNet Safety Supporting protocol for DeviceNet Safety Supporting protocol for INTERBUS-Safety Supporting protocol for PROFISafe Supporting protocol for SafetyBUS p	Type of electrical connection for auxiliary- and control current circuit		Screw connection
Supporting protocol for TCP/IP Supporting protocol for PROFIBUS Supporting protocol for CAN Supporting protocol for INTERBUS Supporting protocol for MODBUS Supporting protocol for Data-Highway Supporting protocol for Data-Highway Supporting protocol for DuckeNet Supporting protocol for SUCONET Supporting protocol for PROFINET IO Supporting protocol for PROFINET IO Supporting protocol for PROFINET CBA Supporting protocol for SerCOS Supporting protocol for SerCOS Supporting protocol for EtherNet/IP Supporting protocol for EtherNet/IP Supporting protocol for DeviceNet Supporting protocol for DeviceNet Supporting protocol for DeviceNet Supporting protocol for DeviceNet Supporting protocol for SerCOS Supporting protocol for SerCOS Supporting protocol for SerCOS Supporting protocol for EtherNet/IP Supporting protocol for EtherNet/IP Supporting protocol for DeviceNet Safety at Work Supporting protocol for DeviceNet Safety at Work Supporting protocol for DeviceNet Safety Supporting protocol for PROFISafet Supporting protocol for PROFISafet Supporting protocol for PROFISafet Supporting protocol for PROFISafet Supporting protocol for SafetyBUS p	Rail mounting possible		Yes
Supporting protocol for PROFIBUS Supporting protocol for CAN Supporting protocol for INTERBUS Supporting protocol for MDDBUS Supporting protocol for Data-Highway Supporting protocol for DeviceNet Supporting protocol for DeviceNet Supporting protocol for SUCONET Supporting protocol for PROFINET IO Supporting protocol for PROFINET CBA Supporting protocol for PROFINET CBA Supporting protocol for SenCOS Supporting protocol for SenCOS Supporting protocol for Enundation Fieldbus Supporting protocol for SenCOS Supporting protocol for Residence Safety at Work Supporting protocol for Residence Safety at Work Supporting protocol for Residence Safety Supporting protocol for Residence Safety Supporting protocol for INTERBUS-Safety Supporting protocol for Residence Safety Supporting protocol for Residence Safet	Degree of protection (IP)		IP20
Supporting protocol for INTERBUS Supporting protocol for ASI Supporting protocol for MODBUS Supporting protocol for MODBUS Supporting protocol for Data-Highway Supporting protocol for Data-Highway Supporting protocol for DeviceNet Supporting protocol for SUCONET Supporting protocol for SUCONET Supporting protocol for PROFINET IO Supporting protocol for PROFINET CBA Supporting protocol for FROFINET CBA Supporting protocol for Fundation Fieldbus Supporting protocol for EtherNet/IP Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety Supporting protocol for DeviceNet Safety Supporting protocol for INTERBUS-Safety Supporting protocol for PROFISafe Supporting protocol for PROFISafe Supporting protocol for PROFISafe Supporting protocol for SafetyBUS p No	Supporting protocol for TCP/IP		No
Supporting protocol for INTERBUS Supporting protocol for ASI Supporting protocol for MODBUS Supporting protocol for Data-Highway Supporting protocol for DeviceNet Supporting protocol for DeviceNet Supporting protocol for SUCONET Supporting protocol for SUCONET Supporting protocol for DN Supporting protocol for PROFINET IO Supporting protocol for PROFINET CBA Supporting protocol for SERCOS Supporting protocol for Fundation Fieldbus Supporting protocol for EtherNet/IP 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 INTERBUS-Safety Supporting protocol for PROFISafe Supporting protocol for PROFISafe Supporting protocol for PROFISafe Supporting protocol for SafetyBUS p No	Supporting protocol for PROFIBUS		No
Supporting protocol for ASI Supporting protocol for MODBUS Supporting protocol for Data-Highway Supporting protocol for DeviceNet Supporting protocol for SUCONET 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 Foundation Fieldbus Supporting protocol for EtherNet/IP Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety Supporting protocol for No Supporting protocol for DeviceNet Safety Supporting protocol for No Supporting protocol for No Supporting protocol for DeviceNet Safety No Supporting protocol for SafetyBUS p No Supporting protocol for SafetyBUS p	Supporting protocol for CAN		No
Supporting protocol for MODBUS Supporting protocol for Data-Highway Supporting protocol for Data-Highway No Supporting protocol for DeviceNet Supporting protocol for SUCONET Supporting protocol for PROFINET IO Supporting protocol for PROFINET CBA Supporting protocol for SERCOS 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 DeviceNet Safety Supporting protocol for INTERBUS-Safety Supporting protocol for SERGES No Supporting protocol for SafetyBUS p No Supporting protocol for SafetyBUS p	Supporting protocol for INTERBUS		No
Supporting protocol for Data-Highway Supporting protocol for DeviceNet No Supporting protocol for SUCONET No Supporting protocol for SUCONET No Supporting protocol for PROFINET IO Supporting protocol for PROFINET CBA Supporting protocol for SERCOS Supporting protocol for Foundation Fieldbus Supporting protocol for Foundation Fieldbus Supporting protocol for EtherNet/IP No Supporting protocol for DeviceNet Safety at Work Supporting protocol for DeviceNet Safety Supporting protocol for INTERBUS-Safety Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No Supporting protocol for SafetyBUS p	Supporting protocol for ASI		No
Supporting protocol for DeviceNet Supporting protocol for SUCONET 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 PROFIsafe No Supporting protocol for SafetyBUS p No No No No No No No No No N	Supporting protocol for MODBUS		No
Supporting protocol for SUCONET Supporting protocol for LON 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 No No	Supporting protocol for Data-Highway		No
Supporting protocol for LON Supporting protocol for PROFINET IO No Supporting protocol for PROFINET CBA No Supporting protocol for SERCOS No Supporting protocol for Foundation Fieldbus No Supporting protocol for EtherNet/IP No Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety No Supporting protocol for INTERBUS-Safety No Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No	Supporting protocol for DeviceNet		No
Supporting protocol for PROFINET IO Supporting protocol for PROFINET CBA No Supporting protocol for SERCOS No Supporting protocol for Foundation Fieldbus No Supporting protocol for EtherNet/IP No Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety No Supporting protocol for INTERBUS-Safety No Supporting protocol for PROFIsafe No Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No	Supporting protocol for SUCONET		No
Supporting protocol for PROFINET CBA Supporting protocol for SERCOS No Supporting protocol for Foundation Fieldbus No Supporting protocol for EtherNet/IP No Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety Supporting protocol for INTERBUS-Safety No Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No	Supporting protocol for LON		No
Supporting protocol for SERCOS No Supporting protocol for Foundation Fieldbus No Supporting protocol for EtherNet/IP No Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety No Supporting protocol for INTERBUS-Safety No Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No	Supporting protocol for PROFINET IO		No
Supporting protocol for Foundation Fieldbus No Supporting protocol for EtherNet/IP No Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety No Supporting protocol for INTERBUS-Safety No Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No	Supporting protocol for PROFINET CBA		No
Supporting protocol for EtherNet/IP Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety No Supporting protocol for INTERBUS-Safety No Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No	Supporting protocol for SERCOS		No
Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety No Supporting protocol for INTERBUS-Safety No Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No	Supporting protocol for Foundation Fieldbus		No
Supporting protocol for DeviceNet Safety No Supporting protocol for INTERBUS-Safety No Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No	Supporting protocol for EtherNet/IP		No
Supporting protocol for INTERBUS-Safety No Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No	Supporting protocol for AS-Interface Safety at Work		No
Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p No	Supporting protocol for DeviceNet Safety		No
Supporting protocol for SafetyBUS p No	Supporting protocol for INTERBUS-Safety		No
	Supporting protocol for PROFIsafe		No
Supporting protocol for other bus systems No	Supporting protocol for SafetyBUS p		No
	Supporting protocol for other bus systems		No