



Automatic Transfer Switch-Controller, software

Part no. NZM-XATS-CSOFT
Article no. 164332
Catalog No. NZM-XATS-CSOFT

Design verification as per IEC/EN 61439

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

PLC's (EG000024) / Application software (EC002537)		
Electric engineering, automation, process control engineering / Control / Control software / Application software (ecl@ss8.1-27-24-25-04 [AC0708008])		
Supporting protocol for INTERBUS-Safety		No
Supporting protocol for PROFIBUS Safety		No
Supporting protocol for TCP/IP		Yes
Supporting protocol for PROFIBUS		No
Supporting protocol for CAN		No
Supporting protocol for INTERBUS		No
Supporting protocol for ASI		No
Supporting protocol for KNX		No
Supporting protocol for MODBUS		Yes
Supporting protocol for Data-Highway		No
Supporting protocol for DeviceNet		No
Supporting protocol for SUCONET		No
Supporting protocol for LON		No
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		No
Supporting protocol for DeviceNet Safety		No
Supporting protocol for PROFI-safe		No
Supporting protocol for SafetyBUS p		No
Supporting protocol for other bus systems		No
With editor for programming language IL (Instruction List)		No
With editor for programming language LD (Ladder Diagram)		No
With editor for programming language FBD (Function Block Diagram)		No
With editor for programming language ST (structured text)		No
With editor for programming language SFC (Sequential Function Chart)		No
With editor for manufacturer specific programming language		No
Suitable for operating system Windows 9x		Yes
Suitable for operating system Windows NT		No
Suitable for operating system Windows 2000		Yes
Suitable for operating system Windows XP		Yes
Suitable for operating system Windows ME		No
Suitable for operating system Windows CE		No
Suitable for operating system Linux		No
Suitable for operating system Windows Vista		No
Suitable for operating system Windows 2003 Server		No
Suitable for other operating systems		Yes
Suitable for operating system Windows 7		No
Suitable for operating system Windows 8		Yes
Object library		Not available
Integrated diagnosis function		Yes
Integrated configuration function		Yes
Integrated evaluation function		No
Integrated application configuration function		No
Integrated data detection function		Yes
Integrated communication function		Yes
Technology function integrated		Yes
Put into operation function integrated		Yes
Simulation function integrated		No
Integrated motion function		No
Integrated analysis function		Yes
Integrated position function		No
Maintenance function integrated		Yes
Suitable for press controls		No
Suitable for burner technology		No
Suitable for transfer streets		No
Suitable for emergency stop function		No
Suitable for control technology		No
Suitable for other application areas		Yes
In accordance with IEC 1131-3 (DIN EN 61131-3)		No
Suitable for safety functions		No
SIL according to IEC 61508		None