DATASHEET - NZM-XATS-CSOFT

Automatic Transfer Switch-Controller, software

Part no.	**NZM-XATS-CSOFT**
Catalog No.	**164332**
Eaton Catalog No.	**NZM-XATS-CSOFT**

Powering Business Worldwide™

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 [ACO708008])	
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 PROFIsafe	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