



Software, programming and visualization of easySafety ES4P

Part no. ESP-SOFT
Catalog No. 111460
EL-Nummer (Norway) 4521515

Delivery program

For use with		easySafety ES4P
Software		easySoft-Safety Menu selection in German, English, French, and Italian Operating systems: Windows XP SP3, Windows 7 (32 bit + 64 bit), Windows 8 (32 bit + 64 bit)
Information relevant for export to North America		
UL/CSA certification not required		

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			
10.2.3.1 Verification of thermal stability of enclosures			
10.2.3.2 Verification of resistance of insulating materials to normal heat			
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			
10.2.4 Resistance to ultra-violet (UV) radiation			
10.2.5 Lifting			
10.2.6 Mechanical impact			
10.2.7 Inscriptions			
10.3 Degree of protection of ASSEMBLIES			
10.4 Clearances and creepage distances			
10.5 Protection against electric shock			
10.6 Incorporation of switching devices and components			
10.7 Internal electrical circuits and connections			
10.8 Connections for external conductors			
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			
10.9.3 Impulse withstand voltage			
10.9.4 Testing of enclosures made of insulating material			
10.10 Temperature rise			
10.11 Short-circuit rating			
10.12 Electromagnetic compatibility			
10.13 Mechanical function			

Technical data ETIM 6.0

PLC's (EG000024) / Programming- and engineering software (EC000809)		
Electric engineering, automation, process control engineering / Control / Control software / Programming and engineering software (control) (ecl@ss8.1-27-24-25-01 [AKE560012])		
With editor for programming language IL (Instruction List)		No
With editor for programming language LD (Ladder Diagram)		Yes
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 programming language Flowchart		No
With editor for manufacturer specific programming language		Yes
Suitable for operating system Windows 9x		No
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		Yes
Suitable for operating system Windows 2003 Server		No
Suitable for operating system Windows 7		Yes
Suitable for operating system Windows 8		Yes
Suitable for other operating systems		No
Object library		Integrated
Integrated diagnosis function		Yes
Integrated configuration function		Yes
Integrated evaluation function		Yes
Integrated application configuration function		Yes
Integrated data detection function		Yes
Integrated communication function		Yes
Technology function integrated		No
Put into operation function integrated		Yes
Simulation function integrated		Yes
Integrated motion function		No
Integrated analysis function		Yes
Integrated position function		No
Maintenance function integrated		Yes
In accordance with IEC 1131-3 (DIN EN 61131-3)		No
Suitable for safety functions		Yes
SIL according to IEC 61508		None

Approvals

North America Certification		UL/CSA certification not required
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Characteristics

PU05907001Z safety manual

Additional product information (links)

Instruction leaflet "easySafety ES4P safety relays" IL05013002Z-EN	
Instruction leaflet "easySafety ES4P safety relays" IL05013002Z-EN	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013002Z.pdf
f1=1454&f2=1175;Download easySoft-Safety	http://applications.eaton.eu/sdlc?LX=11&f1=1454&f2=1175;Download easySoft-Safety
f1=1454&f2=1179;Labeleditor	http://applications.eaton.eu/sdlc?LX=11&f1=1454&f2=1179;Labeleditor