## Overload relay, ZB32, Ir= 32 - 38 A, 1 N/O, 1 N/C, Direct mounting, IP20



Part no. ZB32-38 112474

Reset pushbutton manual/auto Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to I	General specifications	
EAN Product length Depth Product length Depth Product winth Product Tradmanam Pr		Eaton Moeller® series ZB Thermal overload relay
Product Leaget Product Leaget Product Leaget Product veilaght Product Seal Product veilaght Product Seal Product veilaght Product Seal Product Veilaght Product Tardename Product Tardename Product Tardename Product Tardename Product Tardename Product Tardename Product Sale Prope Product Sale Pro	Part no.	ZB32-38
Product with Product Store Product Tederam Product Store	EAN	4015081120284
Product width         45 millimetre           Product weight         0.12 blagram           Certifications         UL           UL 0.50047-41         UL 0.50047-41           U. File No. E2984         ECCA 60047-41-14           U. Case of Product Type         Thermal overload relay           Product Tradername         28           Product Type         Thermal overload relay           Product Type         Thermal overload relay           Product Sub Type         None           Catalog Notes         Anniheat mit remperature: Operating range to HECFN 60047/ PTE 9-7U to 155°C Anniheat operating temperature is correcting to 1ECFN 60047/ PTE 9-7U to 155°C Anniheat operating temperature is correcting to 1ECFN 60047/ PTE 9-7U to 155°C Anniheat operating temperature is correcting to 1ECFN 80047, VIE 6000 PTE 1007 PTE 9-60-4000 PTE 1007 PTE 9-60-40000 PTE 1007 PTE 9-60-4000 PTE 1007 PTE 9-60-4000 PTE 1007 PTE 9-60-4000 PTE 1007 PTE 9-60-	Product Length/Depth	96 millimetre
Product weight  Certifications  UI. UI. 05697-4-1 VID 1898	Product height	98 millimetre
Lentications  Light 14 (1984) 4-1 VIC 6000 SCA RIBS No. 2211-43 CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 EICHT Mod 12-14 SCA CSA, File No. 10 (2028) EICHT Mod 12-14 EICHT Mod 12-1	Product width	45 millimetre
LL B691 - 1 Voc 698 CSA Class No. 22108 CSA CSA CSA Class No. 22108 CSA	Product weight	0.192 kilogram
Product Type Product Sub Type Catalog Notes		UL 60947-4-1 VDE 0660 CSA Class No.: 3211-03 CSA File No.: 012528 IEC/EN 60947 UL File No.: E29184 IEC/EN 60947-4-1 CSA CE CSA-C22.2 No. 60947-4-1-14 UL Category Control No.: NKCR
Product Sub Type  Catalog Notes  Ambient air remperature: Operating range to IECEN 80947, PTB: -5°C to +55°C Ambient coparating temperature (according to IECEN 80947) PTB: -5°C to +55°C Red department Switch-on and switch-off conditions based on DC-13, time constant as specified.  Features  Features  Features  Features  Features  Features  Features  Ambient operating temperature Switch-on and switch-off conditions based on DC-13, time constant as specified.  Features  Features  Features  Features  Features  Ambient operating temperature - min  Class  Class  Class 10 A  Climatic proofing  Damp heat, constant, to IEC 60089-2-78  Damp heat, cycle, to IEC 60089-2-78  Damp heat operating temperature - min  Frame size  Description  Frame size  Description  Product creates current setting - min  Overload release current setting - min  Overload release current setting - max  Overload release current setting - max  Overload release current setting - max  Product category  Accessories  Protection  Finger and back of hand group, Protection against direct contact when actuated from from front [EN 50274]  Rated impulse withstand voltage (Uimp)  Shock resistance  Finger and back of hand group, Protection against direct contact when actuated from from front [EN 50274]  Rated impulse withstand voltage (Uimp)  Shock resistance  Finger and back of hand group, Protection against direct contact when actuated from from front [EN 50274]  Rated impulse withstand voltage (Uimp)  Shock resistance  Finger and back of hand group, Protection against direct contact when actuated from from front [EN 50274]  Rated impulse withstand voltage (Uimp)  Shock resistance  Finger and back of hand group, Protection against direct contact when actuated from front [EN 50274]  Rated impulse withstand voltage (Uimp)  Shock resistance  Finger and back of hand group, Protection against direct contact when actuated from front front (PM 50274)  Rate	Product Tradename	ZB
Ambient air temperature: Operating range to IEC/EN 80947, PTB:-5°C to +55°C Ambient operating temperature (according to IEC/EN 80947, PTB:-5°C to +55°C Ambient operating temperature (according to IEC/EN 80947, VDE 0860 Part 102) reactions are specified.  Features  Features  Features  Reset pushbutton manual/auto Trip-frue release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0860 Part 102) resolved button  Ambient operating temperature - min  Ambient operating temperature - min  Ambient operating temperature - max  Class  CLASS 10 A  Climatic proofing  Deagne of protection  IP20  Deagne of protection  Frame size  Mounting method  Overload release current setting - min  Accessories  Overload release current setting - min  Overload release curren		Thermal overload relay
Ambient operating temperature (according to IEC/EN 80947)   PIE: 57 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -		
Reset pushbutton manual/auto Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free release Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to IEC/EN 80947, VDE 0660 Part 102) Trip-free Phase-failure sensitivity (according to I	Catalog Notes	Ambient operating temperature (according to IEC/EN 60947) PTB: -5 °C - +55 °C Rated operational current: Switch-on and switch-off conditions based on DC-13,
Trip-free release Phase-failures sensitivity (according to IEC/EN 60947, VDE 0660 Part 102) Test/off button    Ambient operating temperature - min	Features & Functions	
Ambient operating temperature - min Ambient operating temperature - max Class Class CLASS 10 A CLASS 10 A Climatic proofing Degree of protection Perane size Mounting method Overload release current setting - min Overload release current setting - min Overload release current setting - min Pollution degree Product category Product category Protection Rated impulse withstand voltage (Uimp) Shock resistance Suitable for Temperature compensation  - 25 °C CLASS 10 A CLAS 10 A CLASS 10 A CLAS 10 A CLASS 10	Features	Trip-free release Phase-failure sensitivity (according to IEC/EN 60947, VDE 0660 Part 102)
Ambient operating temperature - max  Class  Class  Climatic proofing  Degree of protection  Perme size  Mounting method  Overload release current setting - min  Overload release current setting - max  Overvoltage category  Pollution degree  Product category  Protection  Protection  Protection  Rated impulse withstand voltage (Uimp)  Shock resistance  Suitable for  Temperature compensation  Author Stand St	General information	
Class Climatic proofing Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30  Degree of protection IP20  Frame size ZB32  Mounting method Direct attachment Direct mounting  Overload release current setting - min 32 A  Overvoltage category III  Pollution degree 3  Product category Accessories Overload relay ZB up to 150 A  Protection Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)  Rated impulse withstand voltage (Uimp) 4000 V (acciliar) and control circuits) 6000 V AC  Shock resistance 10.9, Mechanical, Sinusoidal, Shock duration 10 ms  Branch circuits, (UL/CSA)  Temperature compensation Carbon Sinusoidal and control of T > 40°	Ambient operating temperature - min	-25 °C
Climatic proofing       Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30         Degree of protection       IP20         Frame size       ZB32         Mounting method       Direct attachment Direct mounting         Overload release current setting - min       32 A         Overload release current setting - max       38 A         Overvoltage category       III         Pollution degree       3         Product category       Accessories Overload relay ZB up to 150 A         Protection       Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)         Rated impulse withstand voltage (Uimp)       4000 V (axiliary and control circuits) 6000 V AC         Shock resistance       10 g, Mechanical, Sinusoidal, Shock duration 10 ms         Suitable for       Branch circuits, (UL/CSA)         Temperature compensation       Continuous        Continuous         Suitable for Temperature compensation       Continuous       Continuous	Ambient operating temperature - max	40 °C
Degree of protection  Frame size  Coverload release current setting - min  Overload release current setting - max  Overvoltage category  Product category  Protection  Rated impulse withstand voltage (Uimp)  Shock resistance  Suitable for  Temperature compensation  Paga 2  Basa  Paga 2  Basa  Cabasa  Direct attachment Direct mounting  Basa  Accessories  Overload release current setting - min  32 A  38 A  38 A  Ull  Basa  Basa  Accessories  Overload relay ZB up to 150 A  Finger and back-of-hand proof, Protection against direct contact when actuated from from (EN 50274)  Basa  Basa  Continuous  Suitable for  Branch circuits, (UL/CSA)  Continuous  Continuous  Continuous  Continuous  Continuous  Continuous  Continuous  Continuous	Class	CLASS 10 A
Frame size  Mounting method  Direct attachment Direct mounting  Overload release current setting - min  Overload release current setting - max  Overvoltage category  III  Pollution degree  Product category  Protection  Protection  Rated impulse withstand voltage (Uimp)  Shock resistance  Suitable for  Temperature compensation  ZB32  A  Direct attachment As A  A A  A A  A A  A Cessories Overload releay ZB up to 150 A  Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)  4000 V (auxiliary and control circuits) 6000 V AC  Shock resistance  10 g, Mechanical, Sinusoidal, Shock duration 10 ms  Branch circuits, (UL/CSA)  Temperature compensation  Continuous ≤ 0.25 %/K, residual error for T > 40°	Climatic proofing	
Mounting method       Direct attachment Direct mounting         Overload release current setting - min       32 A         Overload release current setting - max       38 A         Overvoltage category       III         Pollution degree       3         Product category       Accessories Overload relay ZB up to 150 A         Protection       Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)         Rated impulse withstand voltage (Uimp)       4000 V (auxiliary and control circuits) 6000 V AC         Shock resistance       10 g, Mechanical, Sinusoidal, Shock duration 10 ms         Suitable for       Branch circuits, (UL/CSA)         Temperature compensation       Continuous ≤ 0.25 %/K, residual error for T > 40°	Degree of protection	IP20
Direct mounting  Overload release current setting - min  Overload release current setting - max  Overvoltage category  III  Pollution degree  Product category  Accessories Overload relay ZB up to 150 A  Protection  Finger and back-of-hand proof, Protection against direct contact when actuated from from t(EN 50274)  Rated impulse withstand voltage (Uimp)  Shock resistance  Suitable for  Temperature compensation  Direct mounting  32 A  38 A  III  4000 V (auxiliary and control circuits) 6000 V AC  Direction Branch circuits, (UL/CSA)  Continuous  \$ 0.25 %/K, residual error for T > 40°	Frame size	ZB32
Overload release current setting - max       38 A         Overvoltage category       III         Pollution degree       3         Product category       Accessories Overload relay ZB up to 150 A         Protection       Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)         Rated impulse withstand voltage (Uimp)       4000 V (auxiliary and control circuits) 6000 V AC         Shock resistance       10 g, Mechanical, Sinusoidal, Shock duration 10 ms         Suitable for       Branch circuits, (UL/CSA)         Temperature compensation       Continuous ≤ 0.25 %/K, residual error for T > 40°	Mounting method	
Overvoltage category  Pollution degree  3  Product category  Accessories Overload relay ZB up to 150 A  Protection  Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)  Rated impulse withstand voltage (Uimp)  4000 V (auxiliary and control circuits) 6000 V AC  Shock resistance  10 g, Mechanical, Sinusoidal, Shock duration 10 ms  Suitable for  Temperature compensation  Continuous < 0.25 %/K, residual error for T > 40°	Overload release current setting - min	32 A
Pollution degree 3  Product category Accessories Overload relay ZB up to 150 A  Protection Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)  Rated impulse withstand voltage (Uimp) 4000 V (auxiliary and control circuits) 6000 V AC  Shock resistance 10 g, Mechanical, Sinusoidal, Shock duration 10 ms  Suitable for Branch circuits, (UL/CSA)  Temperature compensation Continuous ≤ 0.25 %/K, residual error for T > 40°	Overload release current setting - max	38 A
Product category  Accessories Overload relay ZB up to 150 A  Protection  Finger and back-of-hand proof, Protection against direct contact when actuated from from (EN 50274)  Rated impulse withstand voltage (Uimp)  4000 V (auxiliary and control circuits) 6000 V AC  Shock resistance  10 g, Mechanical, Sinusoidal, Shock duration 10 ms  Suitable for  Branch circuits, (UL/CSA)  Temperature compensation  Continuous ≤ 0.25 %/K, residual error for T > 40°	Overvoltage category	III
Overload relay ZB up to 150 A  Protection Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)  Rated impulse withstand voltage (Uimp) 4000 V (auxiliary and control circuits) 6000 V AC  Shock resistance 10 g, Mechanical, Sinusoidal, Shock duration 10 ms  Suitable for Branch circuits, (UL/CSA)  Continuous ≤ 0.25 %/K, residual error for T > 40°	Pollution degree	3
from front (EN 50274)  Rated impulse withstand voltage (Uimp)  4000 V (auxiliary and control circuits) 6000 V AC  Shock resistance  10 g, Mechanical, Sinusoidal, Shock duration 10 ms  Suitable for  Branch circuits, (UL/CSA)  Continuous ≤ 0.25 %/K, residual error for T > 40°	Product category	
6000 V AC  Shock resistance 10 g, Mechanical, Sinusoidal, Shock duration 10 ms  Suitable for Branch circuits, (UL/CSA)  Temperature compensation Continuous ≤ 0.25 %/K, residual error for T > 40°	Protection	
Suitable for Branch circuits, (UL/CSA)  Temperature compensation  Continuous ≤ 0.25 %/K, residual error for T > 40°	Rated impulse withstand voltage (Uimp)	
Temperature compensation  Continuous  ≤ 0.25 %/K, residual error for T > 40°	Shock resistance	10 g, Mechanical, Sinusoidal, Shock duration 10 ms
≤ 0.25 %/K, residual error for T > 40°	Suitable for	Branch circuits, (UL/CSA)
Terminal capacities	Temperature compensation	
	Terminal capacities	

Terminal capacity (flexible with ferrule)	1 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables 2 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables
	1 x (6 - 16) mm <sup>2</sup> , Main cables
Terminal capacity (solid)	1 x (0.75 - 4) mm², Control circuit cables 1 x (6 - 16) mm², Main cables 2 x (0.75 - 4) mm², Control circuit cables
Terminal capacity (solid/stranded AWG)	10 - 6, Main cables 2 x (18 - 14), Control circuit cables
Terminal capacity (stranded)	1 x 16 mm², Main cables
Stripping length (main cable)	10 mm
Stripping length (control circuit cable)	8 mm
Screw size	M3.5, Terminal screw, Control circuit cables M4, Terminal screw
Screwdriver size	1 x 6 mm, Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver
Tightening torque	1.2 Nm, Screw terminals, Control circuit cables 3 Nm, Screw terminals, Main cables
Electrical rating	
Conventional thermal current ith of auxiliary contacts (1-pole, open)	6 A
Rated operational current (Ie) at AC-15, 120 V	1.5 A
Rated operational current (le) at AC-15, 220 V, 230 V, 240 V	1.5 A
Rated operational current (Ie) at AC-15, 380 V, 400 V, 415 V	0.9 A
Rated operational current (Ie) at DC-13, 110 V	0.4 A
Rated operational current (Ie) at DC-13, 220 V, 230 V	0.2 A
Rated operational current (Ie) at DC-13, 24 V	0.9 A
Rated operational current (Ie) at DC-13, 60 V	0.75 A
Rated operational voltage (Ue) - max	690 V
Safe isolation	240 V AC, Between auxiliary contacts, According to EN 61140 440 V AC, Between auxiliary contacts and main contacts, According to EN 61140 440 V AC, Between main circuits, According to EN 61140
Switching capacity (auxiliary contacts, pilot duty)	B300 at opposite polarity, AC operated (UL/CSA) R300, DC operated (UL/CSA) B600 at opposite polarity, AC operated (UL/CSA)
Voltage rating - max	600 V AC
Short-circuit rating	
Short-circuit current rating (basic rating)	150 A, max. Fuse, SCCR (UL/CSA) 5 kA, SCCR (UL/CSA)
Short-circuit protection rating	Max. 6 A gG/gL, fuse, Without welding, Auxiliary and control circuits 63 A gG/gL, Fuse, Type "2" coordination 125 A gG/gL, Fuse, Type "1" coordination
Contacts	
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	1
Number of auxiliary contacts (normally open contacts)	1
Number of contacts (normally closed contacts)	1
Number of contacts (normally open contacts)	1
Design verification	
Equipment heat dissipation, current-dependent Pvid	8.4 W
Heat dissipation capacity Pdiss	0.W
Heat dissipation per pole, current-dependent Pvid	2.8 W
Rated operational current for specified heat dissipation (In)	38 A
Static heat dissipation, non-current-dependent Pvs	0 W
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 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 9.0

Low-voltage industrial components (EG000017) / Thermal overload relay (EC000106)		
Electric engineering, automation, process control engineering / Low-voltage switch tech	nology / Overload	protection device / Thermal overload relay (ecl@ss13-27-37-15-01 [AKF075019])
Adjustable current range	Α	32 - 38
Max. rated operation voltage Ue	V	690
Mounting method		Direct attachment
Type of electrical connection of main circuit		Screw connection
Number of auxiliary contacts as normally closed contact		1
Number of auxiliary contacts as normally open contact		1
Number of auxiliary contacts as change-over contact		0
Release class		CLASS 10 A
Reset function input		No
Reset function automatic		Yes
Reset function push-button		Yes