#### DATASHEET - M22-A



Mounting clamp





## **Delivery program**

Basic function accessories		Mounting adaptor
Function		Mounting clamp (front mounting) for 3-contact LED elements
Description		for 1 function element M22-SWD-K or LED element M22-SWD-LED in addition 1 or 2 contact elements M22-K possible Sequence numbers on fixing adapter
Fixing		Front fixing
Connection to SmartWire-DT		yes
For use with		M22-SWD-K M22-SWD-LED
For use with		Contact elements M22-(C)K LED elements M22-(C)LED
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1		
Minimum force for positive opening	Ν	0
Configuration		$\begin{bmatrix} 1 \\ 4 \end{bmatrix} \begin{bmatrix} 3 \\ 6 \end{bmatrix} \begin{bmatrix} 2 \\ 5 \end{bmatrix}$

## Technical data

General		
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature		
Open	°C	-25 - +70

### Design verification as per IEC/EN 61439

Rated operational current for specified heat dissipation     In     A     0       Heat dissipation per pole, current-dependent     Pvid     W     0       Equipment heat dissipation, current-dependent     Pvid     W     0       Static heat dissipation, non-current-dependent     Pvis     W     0       Heat dissipation capacity     Pdiss     Va     0       Operating ambient temperature min.     Pdiss     Va     0       Operating ambient temperature max.     Va     Va     0	Design vernication as per illo/liv 01455			
Heat dissipation per pole, current-dependentPvidWEquipment heat dissipation, current-dependentPvidW0Static heat dissipation, concurrent-dependentPvsW0Heat dissipation capacityPdissW0Operating ambient temperature min.°C°C7Operating ambient temperature max.°C77C/EN 61439 design verification°C7710.2 Strength of materials and parts°C7710.2 Strength of materials and partsMMeets the product standard's requirements.M10.2.3 Verification of tersistance of insulting materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.Meets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationPease enquireNeets the product standard's requirements.Neets the product standard's requirements.10.2.5 LiftingNoNeets the product standard's requirements.Neets the product standard's requirements.10.2.5 LiftingNoNeets the product standard's requirements.10.2.5 LiftingNeets the product standard's requirements.Neets the product standard's requirements.10.2.5 LiftingNeets the product standard's requirements.Neets the product standard's requirements.10.2.5 LiftingNeets the product standard's requirements.Neets the product standard's requirements.10.2.5 LiftingNeets the product standard's requirements.Neets the product standard's requirements.10.2.5 Lifting </td <td>Technical data for design verification</td> <td></td> <td></td> <td></td>	Technical data for design verification			
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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.	10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances   Meets the product standard's requirements.	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.
10.5 Protection against electric shock 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.

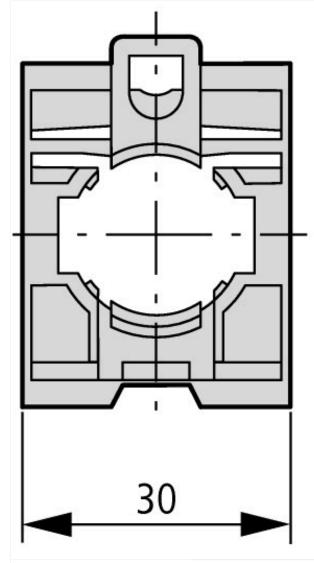
10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9 Insulation 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	Not applicable.
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.

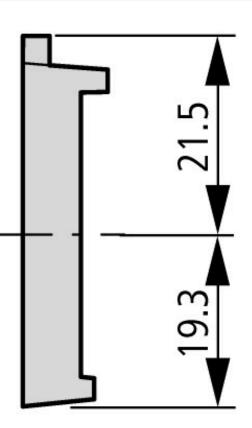
#### **Technical data ETIM 7.0**

Low-voltage industrial components (EG000017) / Adapter for control circuit devices (EC001020)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Adapter for command devices (ecl@ss10.0.1-27-37-12-26 [AKF044014])

Built-in diameter	mm	22
Number of appliances to build in		6
Approvals		
Product Standards		IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.		E29184
UL Category Control No.		NKCR
CSA File No.		012528
CSA Class No.		3211-03
North America Certification		UL listed, CSA certified





Fixing adapters Fixing adapter (front mount) for 3-contacts-/LED elements

# Additional product information (links)

#### IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan System	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2018_10.pdf		
MN05006002Z (AWB2723-1617) SmartWire-DT, The system			
MN05006002Z (AWB2723-1617) SmartWire-DT, Das System - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006002Z_DE.pdf		
MN05006002Z (AWB2723-1617) SmartWire-DT, The system - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006002Z_EN.pdf		
MN05006002Z (AWB2723-1617) SmartWire-DT, il sistema - italiano	ftp://ftp.moeller.net/D0CUMENTATION/AWB_MANUALS/MN05006002Z_IT.pdf		