

# Telescopic adapters

Part no. M22-TA
Article no. 226161
Catalog No. M22-TAQ



**Delivery programme** 

Product range         Control relays easyRelay           Product range         RMC-Titan (drilling dimensions 22.5 mm)           Basic function         Accessories           Raccessories         General accessories           Basic function accessories         Telescopic clp           Single unit/Complete unit         Single unit           Single unit/Complete unit         Steptessly adjustable, screw- and snap fixing (top- hat rail IEC/EN 80715). maximum of 10x M22-TC brackets per enclosure, five of which can hold stay-put actuators. With 5 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching off actuators. With 55 mm tonjunction with memergency switching	71.3		
Basic function       Accessories       Accessories         Basic function accessories       Telescopic clip         Single unit/Complete unit       Single unit       Single unit         Function       Single unit very substance of the mounting of the clusters. With 35 mm top-bat rail to IEC/EN 60715. Imaximum of 10x M22-TC brackets per enclosure, five of which can hold stay-put ancutators. With 35 mm top-bat rail to IEC/EN 60715 than through scales.         Function       mm       4         Width       mm       44         For equalization of the mounting depth of rear mounting devices in Cl enclosures, and in cabinets with mounting depths of 115 - 155 mm for mounting of EASY, FAZ, PKZ, DIL etc. weighing ≤ 0.3 kg       sasy 200 easy 500 easy	Product range		Control relays easyRelay
Accessories Basic function accessories Single unit/Complete unit Single unit/Complete unit Single unit/Complete unit Steplessly adjustable, screw- and snap fixing (top-hat rail EC/EN 60715). maximum or 10 x MZ2-TC brackets per enclosure, five of which can hold stay-put actuators. With 35 mm top-hat rail to IEC/EN 60715 mm aximum or 10 x MZ2-TC brackets per enclosure, five of which can hold stay-put actuators. With 35 mm top-hat rail to IEC/EN 60715 mm aximum or 10 x MZ2-TC brackets per enclosure, five of which can hold stay-put actuators. With 35 mm top-hat rail to IEC/EN 60715 mm aximum or 10 x MZ2-TC brackets per enclosure, five of which can hold stay-put actuators. With 35 mm top-hat rail to IEC/EN 60715 mm through scales Function  Function  Midth  mm  4  For use with  easy200 easy700 easy700 easy700 easy700 easy800 MFD-CPB ECAP PXZMD PXE  Connection to SmartWire-DT  product range  Accessories  Accessories  Telescopic adapters  Function  Compact PLCs  Honciton	Product range		RMQ-Titan (drilling dimensions 22.5 mm)
Basic function accessories  Single unit/Complete unit  Single unit/Complete unit  Single unit/Complete unit  Steplessly adjustable, screw- and snap fixing (top-hat rail IEC/EN 60715). maximum of 10 x M22-TC brackets per enclosure, five of which can hold stay-put actuators Do not use in conjunction with emergency switching off actuators. With 55 mm top-hat rail to IEC/EN 60715 Infinitely adjustable from 75 to 115 mm through scales  Function  For equalization of the mounting depth of rear mounting devices in CI enclosures, and in cabinets with mounting depths of 115 - 155 mm for mounting of EASY, FAZ, PKZ, DIL etc. weighing ≤ 0.3 kg  Wridth  mm 44  For use with  easy200 easy500 easy500 easy500 easy500 easy500 easy500 easy500 easy600 PKZ-PR ECAP PKZ-M0 PKE  Connection to SmartWire-DT  no  Accessories  Telescopic adapters  Product range  Accessories  Telescopic adapters  Function  Accessories  Telescopic adapters	Basic function		Accessories
Single unit/Complete unit       Single unit         Steplessly adjustable, screw- and snap fixing (top-hat rail IEC/EN 60715). maximum of 10 k M22-TC brackets per enclosure, five of which can hold stay-put actuators Do not use in conjunction with emergency switching off actuators. With 55 mm top-hat rail to IEC/EN 60715 Infinitely adjustable from 75 to 115 mm through scales         Function       For equalization of the mounting depth of rear mounting devices in CI enclosures, and in cabinets with mounting depths of 115 - 155 mm for mounting of EASY, FAZ, PKZ, DIL etc. weighing ≤ 0.3 kg         Wridth       mm       44         For use with       easy200 easy700 easy700 easy700 easy700 easy700 easy700 easy800 MFD-CP8 ECAP PKZM0 PKE         Connection to SmartWire-DT       no         Product range       Accessories         Accessories       Telescopic adapters         Froduct range       Compact PLCs         Function       Accessories	Accessories		General accessories
Steplessly adjustable, screw- and snap fixing (top-hat rail IEC/EN 60715).  maximum of 10 x M22-TC brackets per enclosure, five of which can hold stay-put actuators Do not use in conjunction with emergency switching off actuators. With 35 mm top-hat rail to IEC/EN 60715 Infinitely adjustable from 75 to 115 mm through scales  Function  For equalization of the mounting depth of rear mounting devices in C1 enclosures, and in cabinets with mounting depths of 115 - 155 mm for mounting of EASY, FAZ, PKZ, DIL etc. weighing ≤ 0.3 kg  Width  mm 44  For use with  easy200 easy500 easy600 easy800 MFD-CP8 EC4P PKZM0 PKE  Connection to SmartWire-DT  no  Product range  Accessories  Telescopic adapters  Product range  Function  Accessories  Function  Accessories  Function  Accessories	Basic function accessories		Telescopic clip
maximum of 10 x M22-TC brackets per enclosure, five of which can hold stay-put actuators bon not use in conjunction with emergency switching off actuators. With 35 mm top-hat rail to IEC/EN 60715 Infinitely adjustable from 75 to 115 mm through scales  Function  Function  For equalization of the mounting depth of rear mounting devices in CI enclosures, and in cabinets with mounting depths of 115 - 155 mm for mounting of EASY, FAZ, PKZ, DIL etc. weighing ≤ 0.3 kg  Width  mm  44  For use with  easy200 easy600 MFD-CP8 EC4P PKZM0 PKE  Connection to SmartWire-DT  no  Accessories  Accessories  Telescopic adapters  For equalization of the mounting depth of rear mounting devices in CI enclosures, and in cabinets with mounting depths of 115 - 155 mm for mounting of EASY, FAZ, PKZ, DIL etc. weighing ≤ 0.3 kg  Width  mm  44  For use with  easy200 easy800 MFD-CP8 EC4P PKZM0 PKE  Connection to SmartWire-DT  no  Accessories  Telescopic adapters  For equalization of the mounting depth of rear mounting devices in CI enclosures, and in cabinets with mounting depths of 115 - 155 mm for mounting depths of 115 -	Single unit/Complete unit		Single unit
and in cabinets with mounting depths of 115 - 155 mm for mounting of EASY, FAZ, PKZ, DIL etc. weighing ≤ 0.3 kg  Width			maximum of 10 x M22-TC brackets per enclosure, five of which can hold stay-put actuators  Do not use in conjunction with emergency switching off actuators.  With 35 mm top-hat rail to IEC/EN 60715
For use with   easy200 easy500 easy800 MFD-CP8 EC4P PKZM0 PKE  Connection to SmartWire-DT  no  Product range  Accessories  Accessories  Product range  Compact PLCs  Function  easy200 easy800 MFD-CP8 EC4P PKZM0 PKE  Connection to SmartWire-DT  no  Accessories  Telescopic adapters  Compact PLCs  Accessories	Function		and in cabinets with mounting depths of 115 - 155 mm
easy500 easy800 MFD-CP8 EC4P PKZM0 PKE  Connection to SmartWire-DT  no  Product range  Accessories  Telescopic adapters  Product range  Compact PLCs  Function  Accessories	Width	mm	44
Product range Accessories Accessories Telescopic adapters Product range Compact PLCs Function Accessories	For use with		easy500 easy700 easy800 MFD-CP8 EC4P PKZM0
Accessories Telescopic adapters Product range Compact PLCs Function Accessories	Connection to SmartWire-DT		no
Product range Compact PLCs Function Accessories	Product range		Accessories
Function Accessories	Accessories		Telescopic adapters
	Product range		Compact PLCs
Accessories Mounting accessories	Function		Accessories
	Accessories		Mounting accessories

# **Technical data**

#### General

Ambient temperature		
Open	°C	-25 - +70

# Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	0
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W	0
Heat dissipation capacity	P <sub>diss</sub>	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
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			Please enquire
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	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 6.0**

Low-voltage industrial components (EG000017) / Accessories for control circuit devices (EC002024)

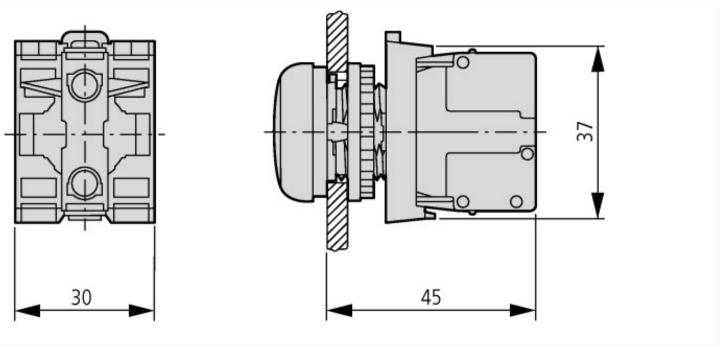
Electric engineering, automation, process control engineering / Low-voltage switch technology / Low-voltage switch technology (accessories) / Control circuit devices (accessories) (ecl@ss8.1-27-37-92-16 [AC0043008])

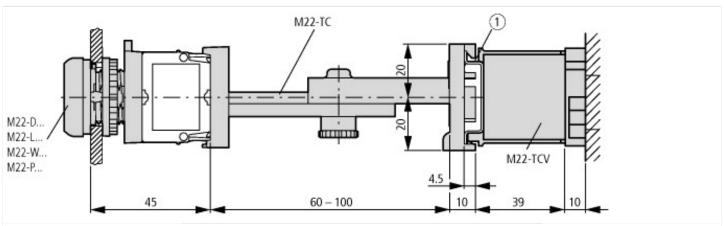
Type of electrical accessory	-	
Type of mechanical accessory	-	

# **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

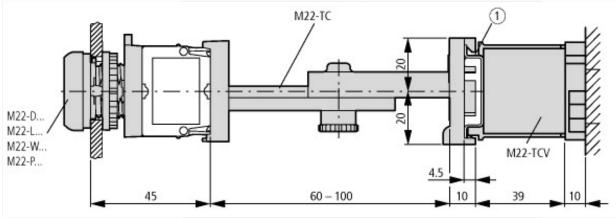
# **Dimensions**





Pushbuttons and indicator lights with M22-TC telescopic clip and M22-TCV extension

Top-hat rail to IEC/EN 60715



Pushbuttons and indicator lights with M22-TC telescopic clip and M22-TCV extension

1 Top-hat rail to IEC/EN 60715

# **Additional product information (links)**

IL04716002Z (AWA1160-1745) RMQ-Titan System		
IL04716002Z (AWA1160-1745) RMQ-Titan System	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2015_02.pdf	
Motor starters and "Special Purpose Ratings" for the North American market	http://www.moeller.net/binary/ver_techpapers/ver953en.pdf	
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf	