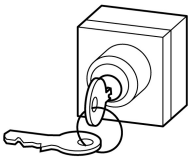
Key operation lock mechanism, for T0

Part no. S-T0
Article no. 086709

Powering Business Worldwide

Delivery programme



Product range			Accessories
Part group reference			T0 T3 P1
Basic function			Locking arrangements
Function			Key operation lock mechanism
			Individual lock mechanism KMS 1 Not suitable for master key systems The key replaces the rotary handle, cannot be switched without key. The switch position indication in on the lock.
Notes			With retrofitting of key operation the existing front plate of the rotary switch must be used. Key→#231972 The key withdraw can be changed - also retro - with the locking cam VR-T0. With the ordering of a cam switch with front plate FS908 together with key operation the key is only withdrawable in the 0 position.
For use with			T0-1…/E - T0-6.../E T0-1…/Z - T0-6.../Z T0-1…/I1 - T0-4.../I1 T3-1…/E - T3-5.../E T3-1…/Z - T3-5.../Z T3-1…/I2 - T3-4.../I2 P1-…/E, …/I2, …/Z
For use with			Switches with FS908 can be used as main switches for: T0-1… to T0-6.../E T0-1… to T0-6.../Z T0-1… to T0-4.../I1 T3-1… to T3-5.../E T3-1… to T3-5.../Z T3-1… to T3-4.../I2 P1-…/E, …/I2, …/Z
Information about equipment supplied			with two keys
Key withdrawable with			Key withdrawal positions can be programmed by the user
Cross-reference			((general note for HPL4/57 applies to this item as well))
Degree of Protection			Front IP53

Design verification as per IEC/EN 61439

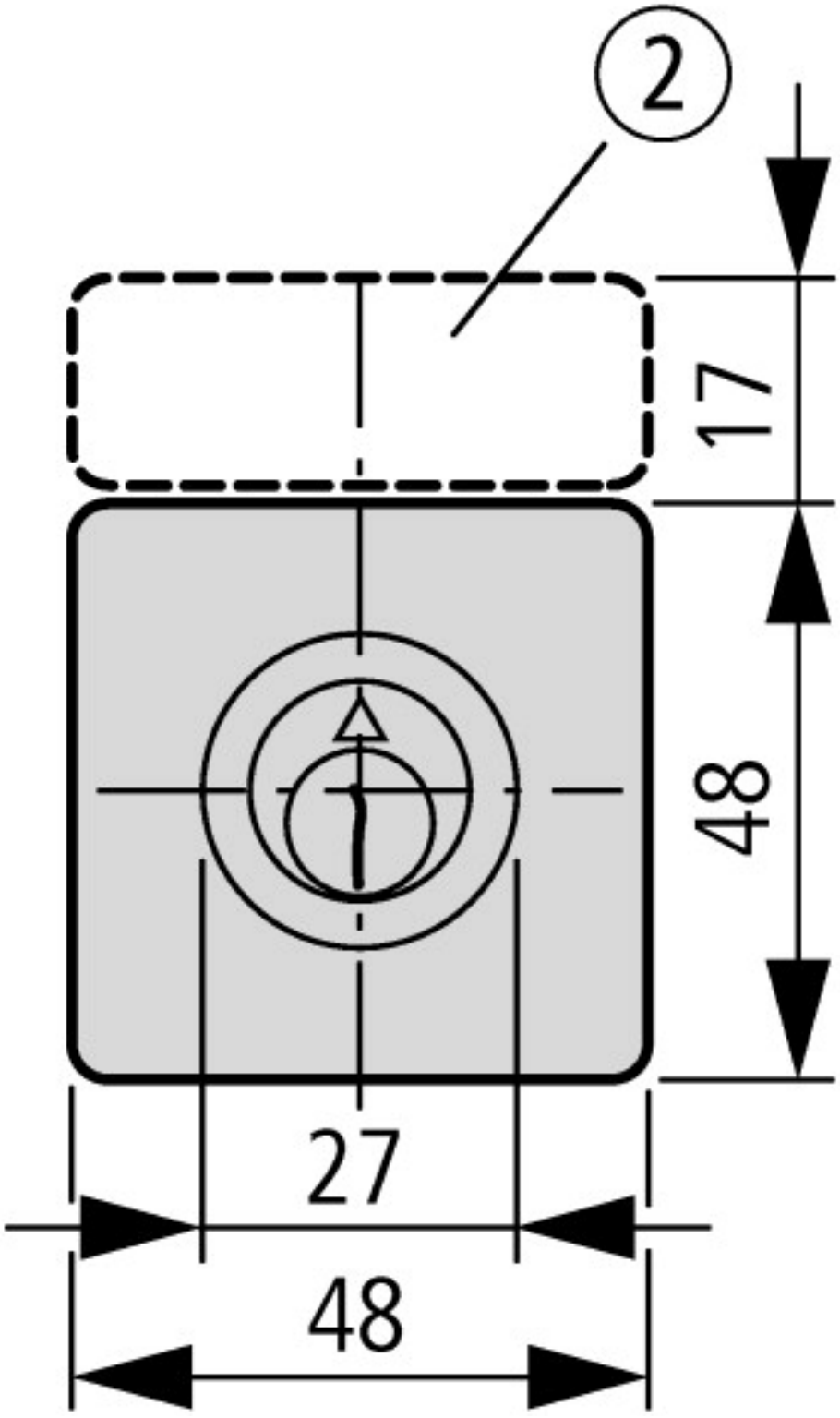
Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	50
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.

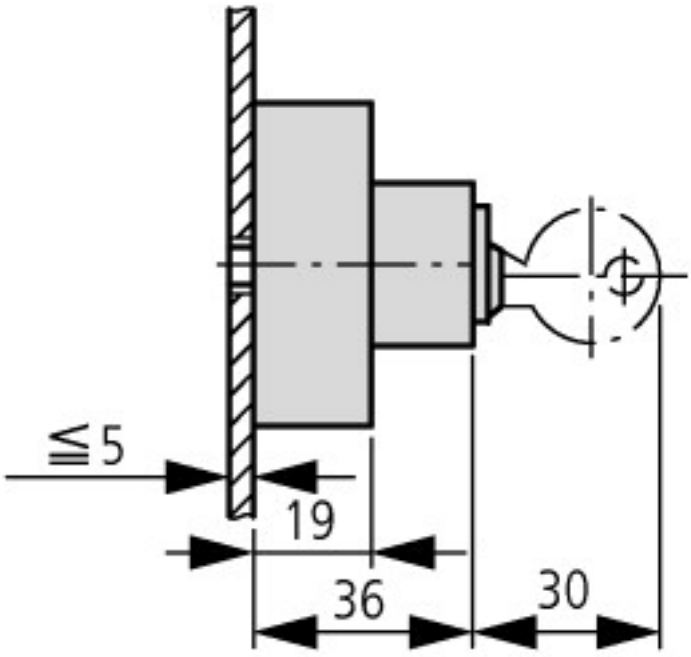
Technical data ETIM 6.0

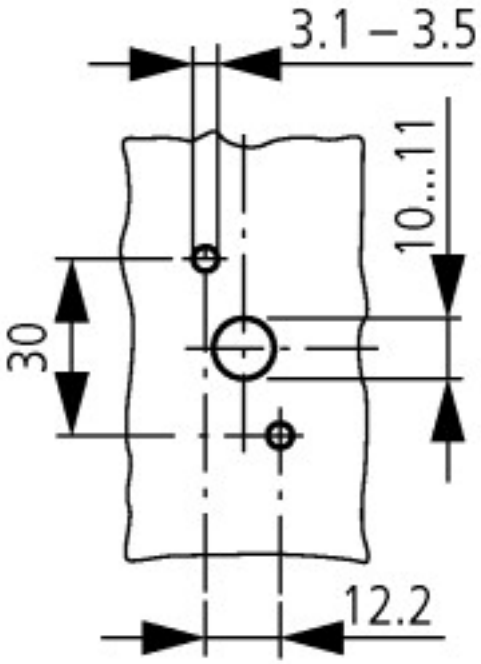
Low-voltage industrial components (EG000017) / Accessories for low-voltage switch technology (EC002498)	
Electric engineering, automation, process control engineering / Low-voltage switch technology / Low-voltage switch technology (accessories) / Component for low-voltage switch technology (accessories) (ecl@ss8.1-27-37-92-01 [AKN570010])	
Type of accessory	Key actuation

Dimensions

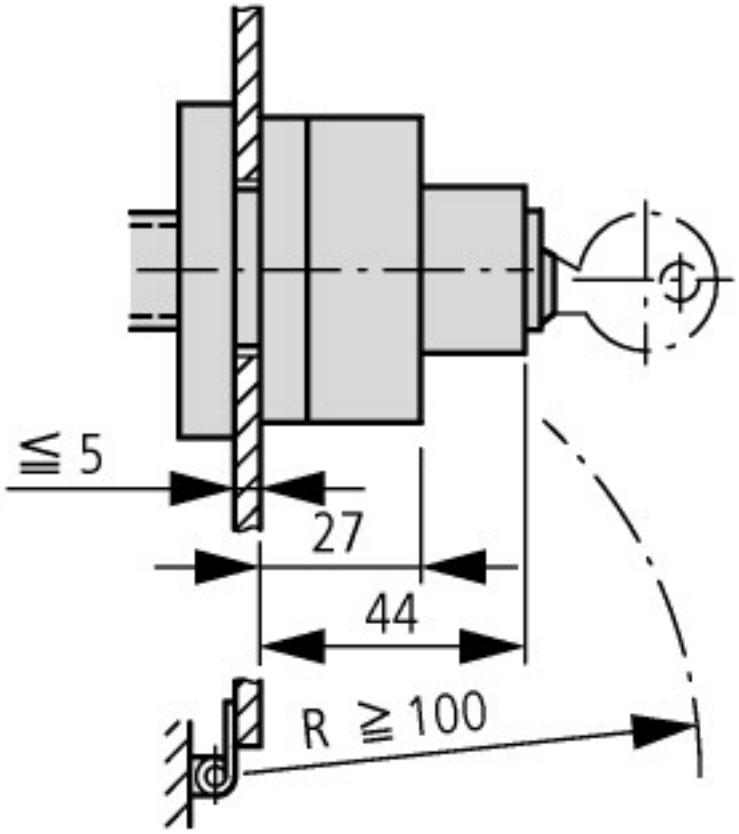


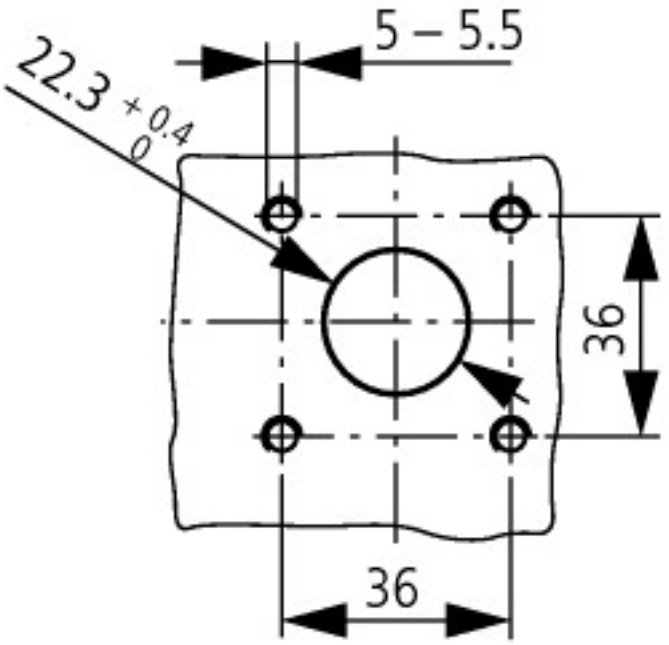
② ZFS-... Label mount not included as standard





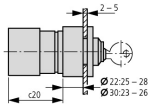
T0-…/E(I1) + S-(SOND-)T0 | T3-…/E(I2) + S-(SOND-)T0

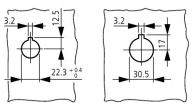




T0-…/Z + S-(SOND-)T0 | T3-…/Z + S-(SOND-)T0

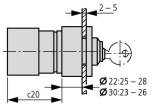
T0.../EZ = T0../E + EZ-T0 + S-(SOND-)T0
T3.../EZ = T3../E + EZ-T0 + S-(SOND-)T0

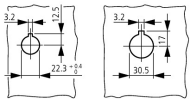




Part no.	c20
T0-1…	41
T0-2…	50
T0-3…	60
T0-4…	69
T0-5…	79
T0-6…	88
T0-7…	98

T0.../EZ = T0../E + EZ-T0 + S-(SOND-)T0
T3.../EZ = T3../E + EZ-T0 + S-(SOND-)T0





Part no.	c20
T0-8…	107
T0-9…	117
T0-10…	126
T0-11…	136
T3-1…	44
T3-2…	56
T3-3…	67
T3-4…	79
T3-5…	90
T3-6…	102
T3-7…	113
T3-8…	125
T3-9…	136
T3-1…	148
T3-11…	159

One contact unit depth:
T0 = 9.5 mm, T3 = 11.5 mm

Additional product information (links)

Technical overview cam switch, switch-disconnector	http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.2
System overview cam switch T	http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.4
System overview switch-disconnector P	http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.6
Key to part numbers Cam switch	http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.8
Key to part numbers Switch-disconnector	http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.8
Switches for ATEX	http://www.coopercrouse-hinds.eu/en/products/25-ex-safety-and-main-current-switches.html