DATASHEET - S-T0

Key operation lock mechanism, for T0

Part no.	**S-T0**
Catalog No.	**086709**
EL-Nummer (Norway)	**0001456512**

Powering Business Worldwide™

Delivery program

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.
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
Information about equipment supplied			with two keys Spare key →#231972
Key withdrawable with			The removability of the key can be changed using the ratchets VR-T0, including at a later time. When ordering a rotary switch with front plate FS908 in conjunction with a key operation, the key can be removed only in the 0 position.
Degree of Protection			Front IP53

Notes With retrofitting of key operation the existing front plate of the rotary switch must be used.
Switches with FS908 can also be used with the key switch as a main switch.
When retrofitting a standard switch in the design /Z, the shortened axis AE-T0 (072615) must also be ordered separately.

Design verification as per IEC/EN 61439

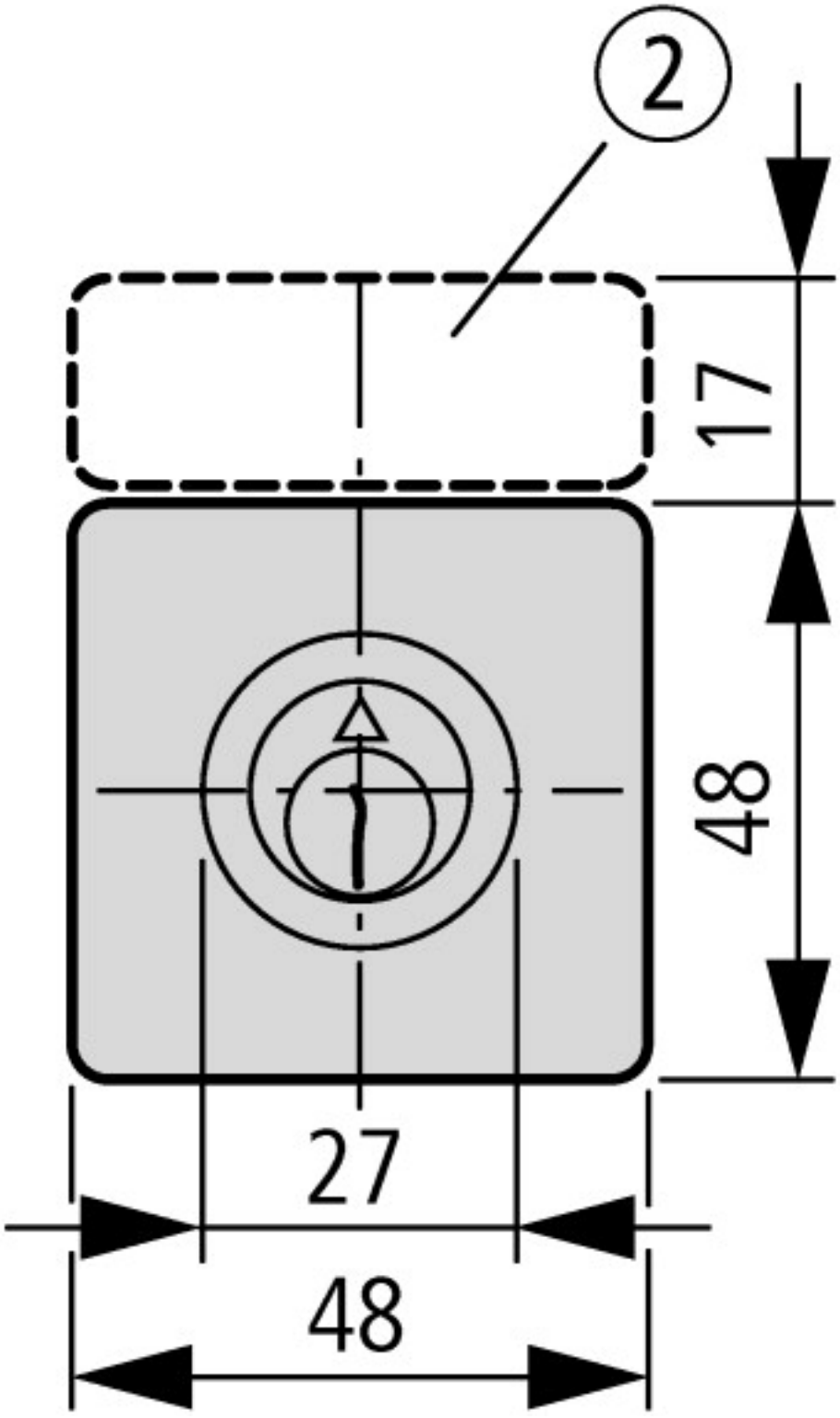
Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	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			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 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.

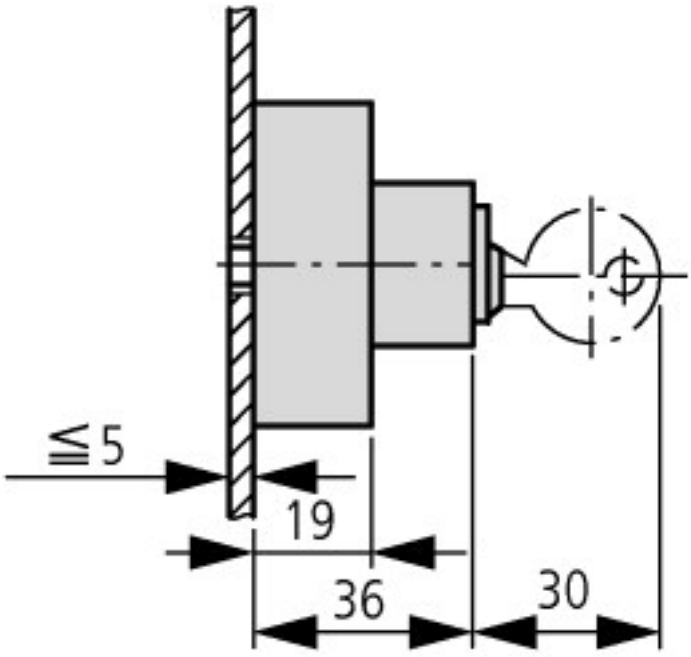
Technical data ETIM 7.0

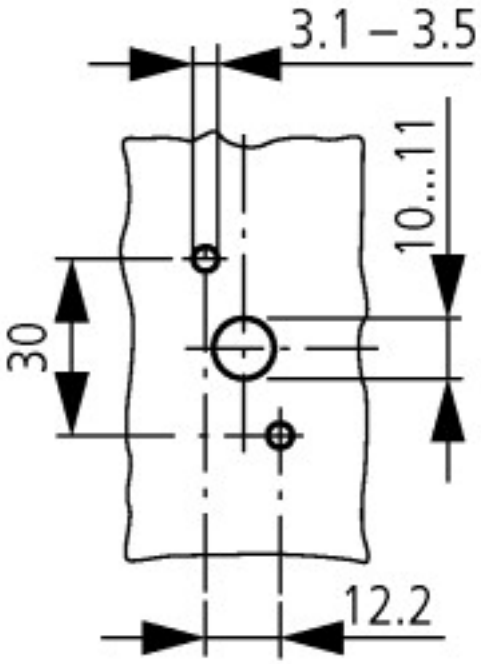
Low-voltage industrial components (EG000017) / Accessories for low-voltage switch technology (EC002498)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013])			
Type of accessory			Key actuation

Dimensions

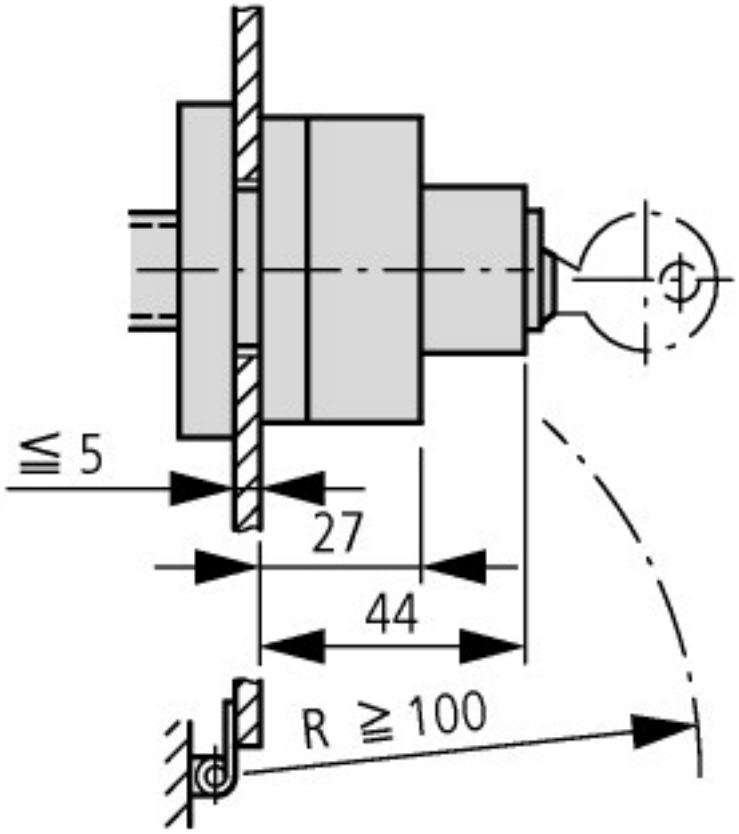


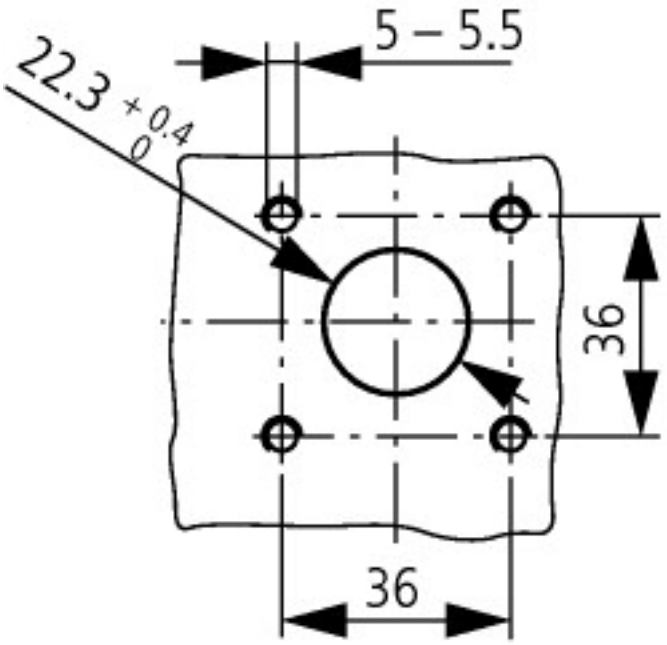
② ZFS-... Label mount not included as standard





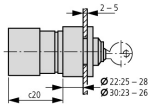
T0-…/E(I1) + S-(SOND-)T0 | T3-…/E(I2) + S-(SOND-)T0

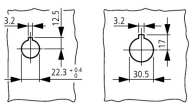




T0-…/Z + S-(SOND-)T0 | T3-…/Z + S-(SOND-)T0

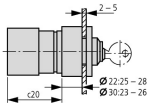
T0.../EZ = T0../E + EZ-T0 + S-(SOND-)T0
T3.../EZ = T3../E + EZ-T0 + S-(SOND-)T0

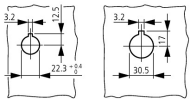




Part no.	c20
T0-1…	41
T0-2…	50
T0-3…	60
T0-4…	69
T0-5…	79
T0-6…	88
T0-7…	98

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

Assets (links)

Instruction Leaflets

IL03801019Z2018_01