DATASHEET - Q25S3R-A3



Key-operated actuator, 3 positions, black, maintained

Powering Business Worldwide

Part no. Q25S3R-A3 Catalog No. 072381 Alternate Catalog Q25S3R-A3

Delivery program

Product range	F	RMQ16
Basic function	H	Key-operated buttons
Single unit/Complete unit	5	Single unit
Design	H	Key operated
	r	maintained
Function:		
	4	45° # 45°
	3	3 positions
Key withdrawable in position		
	C	0
	I	II
Degree of Protection	I	IP65
Front ring	V	without bezel
Connection to SmartWire-DT	r	no
Front dimensions	F	Front dimensions 25 × 25 mm
Information about equipment supplied	١	With 1 key

Technical data

General			
Standards			IEC/EN 60947
Lifespan, mechanical	Operations	x 10 ⁶	>3
Operating frequency	Operations/h		≦ 1800
Operating torque		Nm	≦ 0.4
Degree of protection, IEC/EN 60529			IP65
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature			
Open		°C	-25 - +60
Enclosed		°C	- 25 - 40
Mounting position			As required
Mechanical shock resistance		g	> 40 according to IEC 60068-2-27 Shock duration 11 ms Sinusoidal
Terminal capacities		mm^2	0.5 - 1.0
Blade terminal			2.8 x 0.8 mm to DIN 46244
Fast-on connectors			2.8 x 0.8 mm to DIN 46247 and IEC 60760
Contacts			
Rated impulse withstand voltage	U_{imp}	V AC	800
Rated insulation voltage	Ui	V	250

Rated insulation voltage Ui V 250 Divervoltage category/pollution degree Ue V AC 24 Control circuit reliability at 24 V DC/5 mA HF Fault probability At 5 V DC/1 mA HF Fault probability Fault so x 10^-6, < 1 failure in 5 x 10^6 operations	Contacts			
Overvoltage category/pollution degree III/3 Rated operational voltage Ue V AC 24 Control circuit reliability at 24 V DC/5 mA HF Fault probability At 5 V DC/1 mA HF Fault probability S x 10 ⁻⁶ , < 1 failure in 5 x 10 ⁶ operations On >24 V AC/DC recommended	Rated impulse withstand voltage	U_{imp}	V AC	800
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Control circuit reliability at 24 V DC/5 mA HF Fault probability 45 V DC/1 mA HF Fault probability 5 x 10 ⁻⁶ , < 1 failure in 5 x 10 ⁶ operations On >24 V AC/DC recommended	Overvoltage category/pollution degree			III/3
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at 5 V DC/1 mA H _F Fault probability Fault probability S x 10 ⁻⁶ , < 1 failure in 5 x 10 ⁶ operations probability On >24 V AC/DC recommended	Control circuit reliability			
Jse of insulated ferrule ISH 2,8 On >24 V AC/DC recommended	at 24 V DC/5 mA	H _F		< 10 ⁻⁷ , < 1 failure in 10 ⁷ operations
	at 5 V DC/1 mA	H _F		$< 5 \times 10^{-6}$, < 1 failure in 5×10^{6} operations
	Use of insulated ferrule ISH 2,8			· ·

Design verification as per IEC/EN 61439

observed.	Technical data for design verification			
Equipment heat dissipation, current-dependent Pvil W 0 Static heat dissipation, non-current-dependent Pvis W 0 Operating ambient temperature min. °C - 25 Operating ambient temperature max. °C 60 IEC/EN 61439 design verification 10.2 Strength of materials and parts 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects 10.2.3.1 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Lifting 10.2.5 Mechanical impact 10.2.5 Lifting 10.2.5 Mechanical impact 10.2.5 Lifting 10.3.6 Meres the product standard's requirements. 10.3.0 Egree of protection of ASSEMBLIES 10.4 Clearances and creepage distances 10.5 Incorporation of switching devices and components 10.5 Incorporation of switching devices and components 10.5 Incorporation of switching devices and components 10.7 Internal electric elictric strength 10.8 Connections for external conductors 10.9 Insulation properties 10.9.2 Power-frequency electric strength 10.9 Insulation properties 10.9.3 Power-frequency electric strength 10.9 Insulation properties 10.10 Temperature rise 10.11 Short-circuit rating 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Learnness and composition of in the instruction of switching and connections of insulating material 10.10 Temperature rise 10.11 Insulation properties 10.12 Insulation properties 10.13 Insulation properties 10.14 Learnness and connections of insulating material 10.15 Learnness and compatibility 10.16 Learnness and compatibility 10.17 Learnness and compatibility 10.18 Learnness and compatibility 10.19 Insulation properties 10.19 Insulation properties 10.10 Temperature rise 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Learnness and compatibility 10.13 Learnness and compatibility 10.14 Learnness and compatibility	Rated operational current for specified heat dissipation	In	Α	0
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Operating ambient temperature min. Operating ambient temperature max. ***C*** **C*** **Description and the product standard is requirements. **Description of the product standard is requirements. **Meets the	Static heat dissipation, non-current-dependent	P _{vs}	W	0
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	10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
	10.13 Mechanical function			

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Front element for selector switch (EC000222)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss10.0.1-27-37-12-13 [AKF031014])

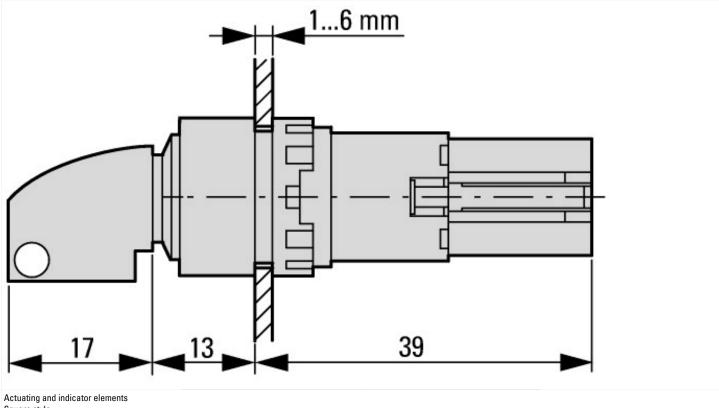
[AKF031014])		
Number of switch positions		3
Type of control element		Key
Suitable for illumination		No
Colour control element		Black
Colour indicator light cap		Other
Construction type lens		Square
Hole diameter	mm	16
Width opening	mm	0
Height opening	mm	0
Switching function latching		Yes
Spring-return		No
With front ring		Yes
Material front ring		Plastic
Colour front ring		Black
Degree of protection (IP), front side		IP65

Degree of protection (NEMA)	1	

Approvals

Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking
UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	46552
CSA Class No.	3211-03
North America Certification	UL listed, CSA certified
Degree of Protection	UL/CSA Type 1

Dimensions



Square style

Assets (links)

Declaration of CE Conformity

00002898

Instruction Leaflets

IL04716016Z2018_05

Additional product information (links)

IL04716016Z (AWA1160-1429) Mounting of components

IL04716016Z (AWA1160-1429) Mounting of

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716016Z2018_05.pdf