## DATASHEET - Q18S3R

Part no.

## Key-operated actuator, 3 positions, black, maintained

Q18S3R 072314



Protoc     Env Model/Section MULL Kay operated scituter       Protoc     ISIN Section MULL Kay operated scituter       Protoct     Section MULL Kay operated scituter       Protoct heads     ISIN Section MULL Kay opera	eneral specifications		
EA       0600000000000000000000000000000000000	Product name	Eaton	Moeller® series RMQ16 Key-operated actuator
Poduct Leight/Piph     Image: Statistics       Poduct Leight     Image: Statistics       Poduct Veight     Image: Statistics       Certification     Image: Statistics       Certification     Image: Statistics       Certification     Image: Statistics       Poduct Veight     Image: Statistics       Certification     Image: Statistics       Poduct Veight     Image: Statistics   <	Part no.	Q18S3	R
Point right       Initiation         Point right       Initiation <td< td=""><td>EAN</td><td>401508</td><td>30723141</td></td<>	EAN	401508	30723141
Product with       Imiliantite         Product wight       Imiliantite         Cartifications       Imiliantite         Cartifications       Imiliantite         Cartifications       Imiliantite         Cartifications       Imiliantite         Cartifications       Imiliantite         Product Trademame       Imiliantite	Product Length/Depth	50 milli	imetre
Product weight       Call klogram         Derdictesions       Kall klogram         Derdictesions       Kall klogram         Product Sight Are Next 4857       Kall klogram         Product Type       Kall klogram         Product Type       Mail Klogram	Product height	18 mill	imetre
Carebinations     ICN MEMA 5       Product Tatasame     ICN MEMA 5       Catabop Notes     ICN MEMA 5       Catabop Notes     ICN MEMA 5       Basel calor     ICN MA 1       Basel calor     ICN MEMA 5       Degree of protectorin (mot taid)     ICN MA 1       Degree of protectorin (mot taid)     ICN MA 1       <	Product width	18 mill	imetre
Product Tardename       For Sale Sale Sale Sale Sale Sale Sale Sale	Product weight	0.02 ki	logram
Product Type       Key-operated actuator         Product Sub Type       Nore         Catallog Motes       Nore         Catallog Motes       Sub	Certifications	CSA-C CSA Fi UL File CE UL Cat CSA IEC/EN UL UL UL 508	22.2 No. 14-05 ile No.: 46552 e No.: E29184 tegory Control No.: NKCR I 60947
Product Sub Type     Image: Sub Type       Catalog Notes     Use of insultated ferrule SH 28.5 XU AC/DC recommended Use of insultated ferrule SH 28.5 XU AC/DC recommended Sub Sub Sub Sub AC Or 120 VDC is mendetory, even on use bide terminals       Bazel color     Basel Sub Sub Sub AC Or 120 VDC is mendetory, even on use bide terminals       Bazel color     Basel Sub Sub Sub AC Or 120 VDC is mendetory, even on use bide terminals       Design     Image: Sub AC Or 120 VDC is mendetory, even on use bide terminals       Design     Image: Sub AC Or 120 VDC is mendetory, even on use bide terminals       Design     Image: Sub AC Or 120 VDC is mendetory, even on use bide terminals       Design     Image: Sub AC Or 120 VDC is mendetory, even on use bide terminals       Design     Image: Sub AC Or 120 VDC is mendetory, even on use bide terminals       Design     Image: Sub AC Or 120 VDC is mendetory, even on use bide terminals       Design     Image: Sub AC Or 120 VDC is mendetory, even on use bide terminals       Degree of protection     Image: Sub AC Or 200 VDC Is mendetory       Degree of protection (front side)     Image: Sub AC Or 200 VDC Is mendetory       Depretor protection (front side)     Image: Sub AC Or 200 VDC Is mendetory       Depretor protectory     Image: Sub AC Or 200 VDC Is mendetory       Product category     Image: Sub AC Or 200 VDC Is mendetory       Side Image: Sub AC Or 200 VDC Is mendetory     Image: Sub AC Or 200 VDC Is mendetory       Sub AC Or 200 VDC Is Manage	Product Tradename	RMQ10	6
Catalog Notes     Les of insulated farule ISH 2.8 > 24 V AC/DC recommended base traves & Functions       Basel color     Back       Bazel natarial     Back       Design     Flastic       Inted with Samp     Flastic       Recessories     Flastic       Degree of protection     Flastic       Degree of protection     Flastic       Degree of protection (funt side)     Flastic	Product Type	Кеу-ор	perated actuator
Beak and the service of the second	Product Sub Type	None	
Beak cloar         Back           Bezel material         Plastic           Design         Key operated           Fitted with:         Fort ring           Bezel material         Fort ring           Bezel material         Fort ring           Bezel material         Fort ring           Bezel material         Fort ring           Bezel op rotection         Fort ring           Degree of protection front side)         State           Degree of protection front side)         Fort ring           Degree of protection front side)         State           Degree of protection fr	Catalog Notes	Use of	insulated ferrule ISH 2,8 > 50 V AC or 120 V DC is mandatory, even on unus
Beal material       Paice         Design       Key operated         Fited with:       Fort ring         Accessories       Key included with supplied equipment.         Degree of protection       Key included with supplied equipment.         Degree of protection (front side)       Key included with supplied equipment.         Degree of protection (front side)       Key included with supplied equipment.         Degree of protection (front side)       Key included with supplied equipment.         Operating frequency       Southoraris (Key included with supplied equipment.         Southorary       Southorary       Southorary         Southorary       Southorary       Southor	eatures & Functions		
beign       key operated         Fitted with:       Fort ring         Accessories       Fort ring         Degree of protection       Key included with supplied equipment.         Degree of protection (front side)       Key included with supplied equipment.         Degree of protection (front side)       Key included with supplied equipment.         Operating diameter       S00000 Operations         Operating frequency       S0000 Operations/h         Operating frequency       S000 Operations/h         Operating frequency       S000 Operations/h         Operating frequency       S000 Operations/h         Operating frequency       S000 Operations/h         Pollution degree       S000 Operations/h         Size       S000 Operations: 18 x 18 mm         Ration panels       S000 Operations: 18 x 18 mm         Size       S1 of S1 of S2         Forminal capacity       S1 of S1 of S2         Forminal capacity       S1 of S1 of S2         Terminal size       S1 of S2         Number of S1 of S2       S2 of S3         Terminal capacity       S2 of S2         Terminal size       S1 of mm         Noter conditions, mechanical       S2 of S3         Mounting position       S2 of S4	Bezel color	Black	
Field with:         Fond ring           Accessories         I key included with supplied equipment.           Degree of protection         NEMA 1           Degree of protection (front side)         I Key included with supplied equipment.           Degree of protection (front side)         I Key included with supplied equipment.           Opening diameter         S000,000 Operations/           Operating frequency         I form           Operating treque         Key included with supplied equipment.           Overvoltage category         I form           Polution degree         III           Polution degree         MO16           Size         Fort dimensions: 18 x 18 mm           Reade inpulse withstand voltage (Uimp)         Size (Sort dimensions: 18 x 18 mm)           Size         Fort dimensions: 18 x 18 mm           Terminal capacity         Size (Sort dimensions: 18 x 18 mm)           Terminal size         Size (Sort dimensions)           Type         Size (Sort dimensions)           Mounting position         Size (Sort dim	Bezel material	Plastic	2
Information         Image: style s	Design	Кеу ор	perated
Accessories       I key included with supplied equipment.         Degree of protection       NEMA 1         Degree of protection (front side)       IP65         Lifespan, mechanical       00000 Operations         Operating frequency       600 Monotone         Operating frequency       1800 Operations/h         Operating frequency       040 Monotone         Overvoltage category       111         Pollution degree       3         Product category       RMG16         Size       Rod Operations: 18 x 18 mm         Rated impulse withstand voltage (Uimp)       500 VAC         Size       Solo VAC         Terminal capacity       22 x 0.8 mm to DIM 46247 and LEC GORDO, Fast-on connectors 22 and monotone tors 22 and 22 a	Fitted with:	Front r	ing
Degree of protection       NEMA 1         Degree of protection (front side)       P65         Lifespan, mechanical       3000,000 Operations         Operating frequency       16 mm         Operating frequency       04 N·m         Operating torque       04 N·m         Overolage category       1800 Operations/h         Pollution degree       3         Product category       MM016         Size       RM016         Size       RM016         Size       S00 V AC         Size       S00 V AC         Size       S00 V AC         Terminal capacity       52 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 ·	eneral information		
Degree of protection (front side)         P65           Lifespan, mechanical         3,000,000 Operations           Operating frequency         16 mm           Operating frequency         1800 Operations/h           Operating torque         0.4 N·m           Overoltage category         11           Pollution degree         3           Product category         8400 VAC           Size         Fond dimensions: 18 x 18 mm           Size         800 V AC           Size         800 V AC           Size         500 V AC           Size         500 V AC           Terminal capacity         55 · 0 mm²           Terminal size         52 · 0 m²           Type         Kavo Bam to DIN 46247 and IEC 60760, Fast-on connectors 28 × 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 28 × 0.8 mm to DIN 46244, Blade terminal           Type         Kavo Bam to DIN 46244, Blade terminal           Mounting position         Kavo Bam to DIN 46247, and IEC 60760, Fast-on connectors 28 × 0.8 mm to DIN 46244, Blade terminal           Mounting position         Kavo Bam to DIN 46247, and IEC 60760, Fast-on connectors 28 × 0.8 mm to DIN 46244, Blade terminal           Mounting position         Kavo Bam to DIN 46244, Blade terminal           Mounting position         Kavoperated button	Accessories	1 key i	ncluded with supplied equipment.
Lifespan, mechanical     3,000,000 Operations       Opening diameter     6 mm       Operating frequency     6 000 Operations/h       Operating torque     04 N-m       Overvoltage category     11       Pollution degree     3       Product category     8 000 Operations: 18 x 18 mm       Size     Ford dimensions: 18 x 18 mm       Rated impulse withstand voltage (Uimp)     800 V AC       Switching angle     5 - 10 mm²       Terminal capacity     5 - 10 mm²       Type     28 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminal       Mounting position     Key-operated button       Mounting position     A required       Mounting position     A sequired	Degree of protection	NEMA	1
Lifespan, mechanical     3,000,000 Operations       Opening diameter     6 mm       Operating frequency     6 000 Operations/h       Operating torque     04 N-m       Overvoltage category     11       Pollution degree     3       Product category     8 000 Operations: 18 x 18 mm       Size     Ford dimensions: 18 x 18 mm       Rated impulse withstand voltage (Uimp)     800 V AC       Switching angle     5 - 10 mm²       Terminal capacity     5 - 10 mm²       Type     28 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminal       Mounting position     Key-operated button       Mounting position     A required       Mounting position     A sequired		IP65	
Opening diameter6 mmOperating frequency800 Operations/hOperating torque0.4 N-mOvervoltage category11Pollution degree3Product categoryM016SizeFord dimensions: 18 x 18 mmRated impulse withstand voltage (Uimp)800 V ACSwitching angle5°Terminal capacity5.5 1.0 mm²Terminal sizeSax 0.8 mm to DIN 46244, and IEC 60760, Fast- on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminalTypeFore operated buttonMounting positionSax 0.8 mm to DIN 46244, Blade terminalMounting positionSax 0.8 mm to DIN 46244, Blade terminalMounting positionSax 0.8 mm to DIN 46244, Blade terminalShock resistanceSax 0.8 mm to DIN 46244, Blade terminalMounting positionSax 0.8 mm to DIN 4624, Blade terminal			100 Operations
Operating torque     0.4 N·m       Overvoltage category     III       Pollution degree     3       Product category     Fond Managemee       Size     Fond dimensions: 18 x 18 mm       Rated impulse withstand voltage (Uimp)     800 V AC       Switching angle     5°       Terminal capacity     0.5 - 1.0 mm²       Type     28 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 28 x 0.8 mm to DIN 46244, Blade terminal       Nubleint conditions, mechanical     Key-operated button       Mounting position     Key-operated button       Shock resistance     0.9 (Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27	Opening diameter		
Operating torque     0.4 N·m       Overvoltage category     III       Pollution degree     3       Product category     Fond Managemee       Size     Fond dimensions: 18 x 18 mm       Rated impulse withstand voltage (Uimp)     800 V AC       Switching angle     5°       Terminal capacity     0.5 - 1.0 mm²       Type     28 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 28 x 0.8 mm to DIN 46244, Blade terminal       Nubleint conditions, mechanical     Key-operated button       Mounting position     Key-operated button       Shock resistance     0.9 (Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27		1800 0	loerations/h
Overvoltage category       III         Pollution degree       3         Product category       RM016         Size       Font dimensions: 18 x 18 mm         Rated impulse withstand voltage (Uimp)       800 V AC         Switching angle       45°         Terminal capacity       0.5 - 1.0 mm²         Terminal size       2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminal         Type       Key-operated button         Mounting position       Key-operated button         Nounting position       As required         Shock resistance       Windexes			
Pollution degree       3         Product category       RM016         Size       Font dimensions: 18 x 18 mm         Rated impulse withstand voltage (Uimp)       800 V AC         Switching angle       55 · 0 mm²         Terminal capacity       05 · 1.0 mm²         Terminal size       8x 0.8 mm to DIN 46247 and IEC 60760, Fast- on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminal         Type       Key-operated button         Mounting position       Key-operated button         Shock resistance       Size       As required			
Product category       M016         Size       Fond dimensions: 18 x 18 mm         Rated impulse withstand voltage (Uimp)       800 V AC         Switching angle       5°         Terminal capacity       5°         Terminal size       840 S M MO16         Type       Key-operated button         Mounting position       Key-operated button         Mounting position       Key Sequered button         Shock resistance       Set Set Sequered button			
Size       Font dimensions: 18 x 18 mm         Rated impulse withstand voltage (Uimp)       600 V AC         Switching angle       45°         Terminal capacity       0.5 - 1.0 mm²         Terminal size       2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46247, Blade terminal         Type       Key-operated button         Mounting position       600 V AC         Shock resistance       600 V AC	-		6
Rated impulse withstand voltage (Uimp)       Mou VAC         Switching angle       500 V AC         Terminal capacity       50 - 1.0 mm²         Terminal size       0.5 - 1.0 mm²         Type       28 x 0.8 mm to DIN 46247 and IEC 60760, Fast- on connectors 28 x 0.8 mm to DIN 46244, Blade terminal         Mounting position       Key-operated button         Nounting position       Key-operated button         Shock resistance       Key operation (CEC) (EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27			
Switching angle       45°         Terminal capacity       0.5 - 1.0 mm²         Terminal size       2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminal         Type       Key-operated button         Imbient conditions, mechanical       Imbient conditions, mechanical         Mounting position       Imbient conditions, mechanical         Shock resistance       Imbient condition (Direction (Di			
Terminal capacity       0.5 - 1.0 mm <sup>2</sup> Terminal size       0.5 - 1.0 mm <sup>2</sup> Type       2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast- on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminal         Mbient conditions, mechanical       Key-operated button         Mounting position       Key         Shock resistance       Key         Mounting losition       Key         Mounting position       Key         Key       Key			ער ייער
Terminal size     28 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminal       Type     Key-operated button       Imbient conditions, mechanical     Mounting position       Shock resistance     Molechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27			0 mm <sup>2</sup>
Type     Z8 x 0.8 mm to DIN 46244, Blade terminal       Type     Key-operated button       Ambient conditions, mechanical     Mounting position       Mounting position     Mounting position       Shock resistance     Image: Shock resistance			
Imbient conditions, mechanical     Imbient conditions, mechanical       Mounting position     As required       Shock resistance     Imbient conditions, mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27		2.8 × 0.	8 mm to DIN 46244, Blade terminal
Mounting position     As required       Shock resistance     Image: Constraint of the second		Key-oj	
Shock resistance       40 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms         Mechanical, According to IEC/EN 60068-2-27			
Mechanical, According to IEC/EN 60068-2-27			
	limatic environmental conditions		

Ambient operating temperature - max	60 °C
Ambient operating temperature (enclosed) - min	25 °C
Ambient operating temperature (enclosed) - max	40 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Electrical rating	
Rated insulation voltage (Ui)	250 V
Rated operational voltage (Ue) at AC - max	230 V 24 V
Actuator	
Actuator color	Black
Actuator function	Key withdrawable in position 2 Key withdrawable in position 0 Maintained Switching function latching
Actuator type	Кеу
Number of switch positions	3
Contacts	
Control circuit reliability	1 failure per 5,000,000 switching operations (statistically determined, at 5 V DC/1 mA) 1 failure per 10,000,000 switching operations (Statistically determined, at 24 V DC/5 mA)
Communication	
Connection to SmartWire-DT	No
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In)	0 A
Static heat dissipation, non-current-dependent Pvs	0 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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 9.0**

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@ss13-27-37-12-13 [AKF031019])

Number of switch positions

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3
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	Кеу
	No
	Black
	Other
	Square
mm	16
mm	0
mm	0
	Yes
	No
	Yes
	Plastic
	Black
	IP65
	1
	mm