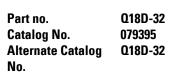
DATASHEET - Q18D-32



Pushbutton, black arrow, momentary





Delivery program

Product range	RMQ16
Basic function	Pushbutton actuators
Single unit/Complete unit	Single unit
Degree of Protection	IP65
Connection to SmartWire-DT	no

Technical data General

Gonordi			
Standards			IEC/EN 60947, VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	>3
Actuating force		n	≦ 4
Degree of protection, IEC/EN 60529			IP65
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

Design verification as per IEC/EN 61439

Boolgi Volilloadion do por 120/211 of 100			
Technical data for design verification			
Rated operational current for specified heat dissipation	l _n	А	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	60
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 7.0

Low-voltage industrial components (EG000017) / Front element for push button (EC000221)

Electric engineering, automation, process control engineering / Low-voltage social s	· ····································				
Number of command positions Image: Figure Figu					
Construction type lens Immege Square Hole diameter mmege 16 Witch opening mmege 0 Height opening mmege 10 Type of button mmege 10 Svitable for illumination Mmege Model With protective cover Mmegee No Labeled Mmegee No Svitching function latching Mmegee No Syning-return Mmegee No With front ring Mmegee No Material front ring Megee No Solour front ring Megee No Degree of protection (IP), front side Megee No	Colour button		Black		
Hole diameternm6Width openingnm0Height openingnm0Type of buttonFlatFlatSuitable for illuminationMNoWith protective coverSecNoSuitable for illuminationSecNoSvitching function latchingSecNoSyntge returnSecNoSyntge returnSecSecMaterial front ringSecSecColour front ringSecSecBegee of protection (PI), front sideSecSecBegee of protection (PI), front sideSecSecSecSecSecSecSec of protection (PI), front sideSecSecSecSecSecSecSec of protection (PI), front sideSec	Number of command positions		1		
Width openingmmiHeight openingmm0Type of buttonmmFaiSuitable for illuminationMmFaiSuitable for illuminationMmSuitableWith protective coverMmSuitableSuitable for illuminationMmSuitableSuitable for iningMmSuitableColour forn iningMmSuitableBegree of protection (IP), front sideMmSuitableSuitable for iningMmSuitableSuitable for iningSuitableSuitableSuitable for iningSuitableSuitableSuitable for initiationSuitableSuitableSuitable for	Construction type lens		Square		
Height opening mm 0 Type of button Fat Fat Suitable for illumination Fat No With protective cover Fat No Labelled Fat No Switching function latching Fat So Syring-return Fat So Material front ring Fat So Clour front ring Fat Patical Digree of protection (IP), front side Fat Patical	Hole diameter	mm	16		
Type of button Fat Suitable for illumination No With protective cover No Labelled Yes Switching function latching Yes Spring-return Yes With front ring Yes Material front ring Plastic Colour front ring Plastic Begree of protection (IP), front side Image: State St	Width opening	mm	0		
Suitable for illumination No With protective cover No Labelled No Switching function latching See Spring-return No With front ring See Atterial front ring See Colour front ring See Degree of protection (IP), front side See	Height opening	mm	0		
With protective coverNoLabelledYesSwitching function latchingImage: Section of the section o	Type of button		Flat		
LabelledYesSwitching function latchingNoSpring-returnYesWith front ringYesMaterial front ringYesClour front ringPlaticDegree of protection (IP), front sideYes	Suitable for illumination		No		
Switching function latchingMoSpring-returnVesWith front ringVesMaterial front ringPlasticColour front ringMeterial front ringDegree of protection (IP), front sideMeterial front ring	With protective cover		No		
Spring-return Yes With front ring Yes Material front ring Plastic Colour front ring Black Degree of protection (IP), front side Material for tring	Labelled		Yes		
With front ring Yes Material front ring Plastic Colour front ring Black Degree of protection (IP), front side Material for the side	Switching function latching		No		
Material front ring Plastic Colour front ring Black Degree of protection (IP), front side IM	Spring-return		Yes		
Colour front ring Black Degree of protection (IP), front side P65	With front ring		Yes		
Degree of protection (IP), front side	Material front ring		Plastic		
	Colour front ring		Black		
Degree of protection (NEMA), front side	Degree of protection (IP), front side		IP65		
	Degree of protection (NEMA), front side		1		



