



Switch pos. query, 3 pos., LED-R, floor



Powering Business Worldwide™

Part no. **M22-SWD-K22LEDC-R**

Article no. **116012**

### Delivery programme

Basic function			Function elements
Function			for combination with RMQ-Titan operating elements M22-...
Fixing			Base fixing
Contacts			2 changeover contact
Contact sequence			
Contact travel diagram stroke in connection with front element			
Configuration			
Colour			
Connection to SmartWire-DT			yes

### Approbationen

UL approval	Yes
CSA approval	Yes
UL File No.	E29184
UL CCN	NKCR
CSA File No.	2324643
CSA Class No.	3211-07
NA Certification	UL listed, CSA certified
Specially designed for NA	No

### General

Standards			IEC/EN 61131-2 EN 50178
Dimensions (W x H x D)		mm	17 x 45 x 42
Weight		g	14
Mounting position			As required

### Ambient conditions, mechanical

Protection type (IEC/EN 60529, EN50178, VBG 4)			IP20
Vibrations (IEC/EN 61131-2:2008)			
Constant amplitude 3,5 mm		Hz	5 - 8.4
Constant acceleration 1 g		Hz	8.4 - 150
Mechanical shock resistance (IEC/EN 60068-2-27) semi-sinusoidal 15 g/11 ms		Impacts	9
Drop to IEC/EN 60068-2-31	Drop height	mm	50
Free fall, packaged (IEC/EN 60068-2-32)		m	0.3

## Electromagnetic compatibility (EMC)

Overvoltage category			Not applicable
Pollution degree			2
Electrostatic discharge (IEC/EN 61131-2:2008)			
Air discharge (Level 3)		kV	8
Contact discharge (Level 2)		kV	4
Electromagnetic fields (IEC/EN 61131-2:2008)			
80 - 1000 MHz		V/m	10
1.4 - 2 GHz		V/m	3
2 - 2.7 GHz		V/m	1
Radio interference suppression (SmartWire-DT)			EN 55011 Class A
Burst (IEC/EN 61131-2:2008, Level 3)			
Supply cables		kV	2
SmartWire-DT cables		kV	1
Radiated RFI (IEC/EN 61131-2:2008, Level 3)		V	10

## Climatic environmental conditions

Operating ambient temperature (IEC 60068-2)		°C	- 30 - + 55
Condensation			Take appropriate measures to prevent condensation
Storage		°C	- 40 - 80
relative humidity, non-condensing (IEC/EN 60068-2-30)		%	5 - 95

## SmartWire-DT network

Station type			SmartWire-DT slave
Address allocation			automatic
Status indication		LED	Green
Connections			Plug, 8-pole
Plug connectors			M22-SWD-I...LP

## Fieldbus interface

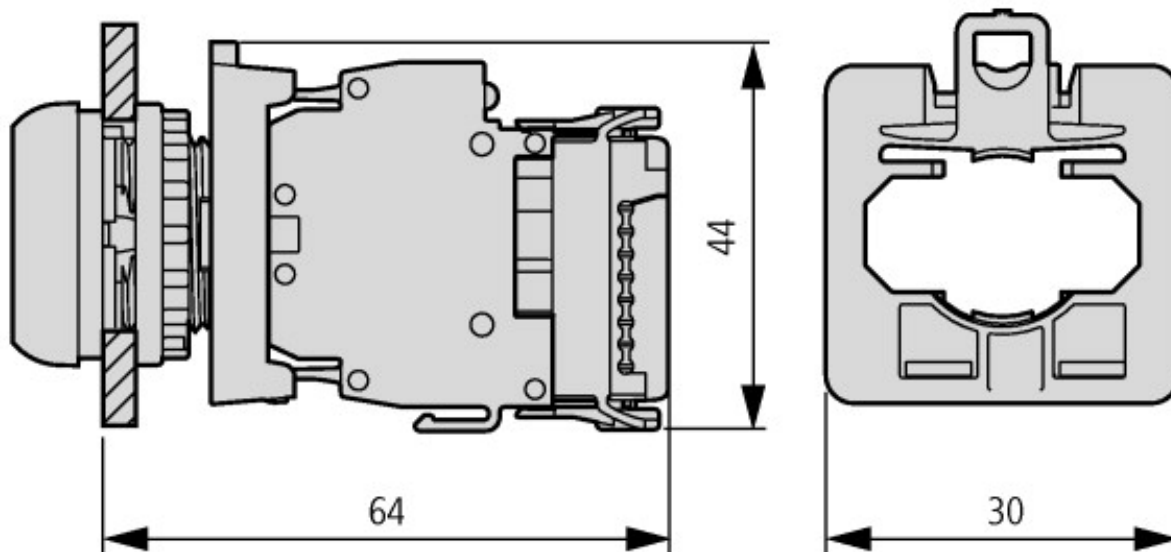
Baud rate setting			automatic
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## Technische Daten nach ETIM 4.0

Suitable for earth leakage circuit breaker			No
Type of electric connection			Blade terminal
Rated operation current I <sub>e</sub> at AC-15, 230 V		A	0
Mounting type			Front mount
Suitable for pendant switch			No
Suitable for front element			No
Suitable for circuit-breakers			No
Suitable for safety position switches			No
Suitable for step switches			No
Suitable for pressure switch/selector switch actuator			YES
Suitable for cam switches			No
Suitable for motor protective circuit breakers			No
Suitable for series-mounting relays			No
Suitable for solenoid			No
Suitable for compact switch-disconnector			No
Suitable for miniature circuit-breakers			No
Suitable for pulse relay			No
Suitable for contactor relay relay			No
Suitable for pendant pushbutton			No
Suitable for residual current device			No
Number of contacts as change-over contact			0
Number of contacts as N/O			2
Number of contacts as NC			2
Suitable for impulse relays			No
Suitable for position switches			No
Suitable for switch-disconnector/residual current device			No

Suitable for contactors		No
Suitable for installation contactor / installation relay		No

## Dimensions



Pushbutton with function element

## Additional product information (links)

### IL04716004Z (AWA1160-2511) SmartWire-DT: RMQ-Titan

IL04716004Z (AWA1160-2511)  
SmartWire-DT: RMQ-Titan

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL04716004Z2010\\_10.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716004Z2010_10.pdf)

### MN05006001Z-EN(AWB2723-1613) SmartWire-DT, Unit

MN05006001Z-DE (AWB2723-1613)  
SWD-Teilnehmer - Deutsch

[ftp://ftp.moeller.net/DOCUMENTATION/AWB\\_MANUALS/MN05006001Z\\_DE.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006001Z_DE.pdf)

MN05006001Z-EN(AWB2723-1613)  
SmartWire-DT, Unit - English

[ftp://ftp.moeller.net/DOCUMENTATION/AWB\\_MANUALS/MN05006001Z\\_EN.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006001Z_EN.pdf)

MN05006001Z-IT (AWB2723-1613)  
SmartWire-Darwin utenti - italiano

[ftp://ftp.moeller.net/DOCUMENTATION/AWB\\_MANUALS/MN05006001Z\\_IT.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006001Z_IT.pdf)