DATASHEET - M22-L-W



Indicator light, RMQ-Titan, Flush, white

Part no. M22-L-W Catalog No. 216771 Alternate Catalog M22-L-WQ No. EL-Nummer 4355332 (Norway)



Delivery program

Product range			RMQ-Titan
Basic function			Indicator lights
Mounting hole diameter	Ø	mm	22.5
Single unit/Complete unit			Single unit
Design			Flush
Colour			
Lens			white
Lens			\bigcirc
Degree of Protection			IP66, IP67, IP69
Connection to SmartWire-DT			yes with SWD-RMQ connections

Technical data

General			
Standards			IEC/EN 60947 VDE 0660
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66, IP67, IP69
Ambient temperature			
Open		°C	-25 - +70
Mounting position			As required
Mechanical shock resistance		g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27
Terminal capacities		mm ²	
Solid		mm ²	0.5 - 1.5
Stranded		mm ²	0.5 - 1.5
shipping classification			DNV GL LR
			J. A Register
			DIV Germanischer Lloyd
Contacts			
Rated impulse withstand voltage	U _{imp}	V AC	4000
Rated insulation voltage	Ui	V	250
Overvoltage category/pollution degree			111/3

echnical data for design verification			
Rated operational current for specified heat dissipation	In	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	70
C/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 mus observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear mus 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 indicator light (EC000223)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for warning lights (ecl@ss10.0.1-27-37-12-11 [AKF029014])

Suitable for number of built-in signal lights		1
Colour lens		White
Construction type lens		Round
Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0
With front ring		Yes
Material front ring		Plastic
Colour front ring		Chrome
Type of lens		Flat
Degree of protection (IP), front side		IP67/IP69K

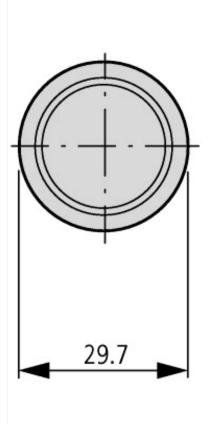
Approvals

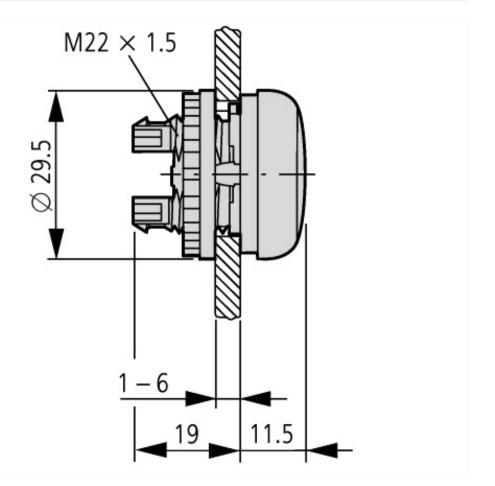
Product Standards UL File No. IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking E29184

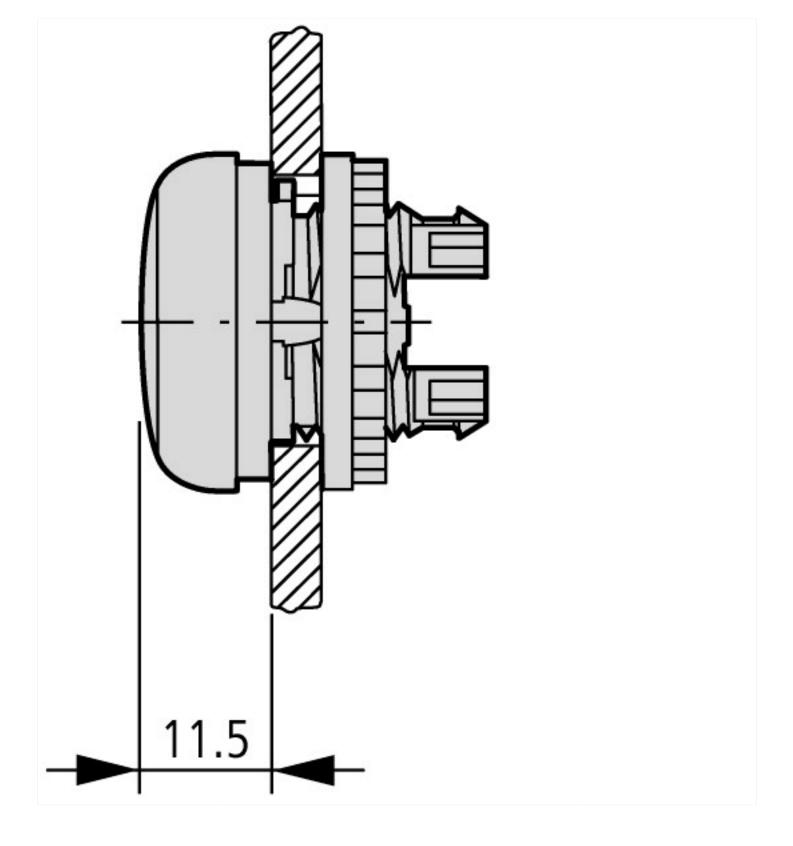
UL Category Control No.	NKCR
CSA File No.	012528
CSA Class No.	3211-03
North America Certification	UL listed, CSA
Degree of Protection	UL/CSA Type

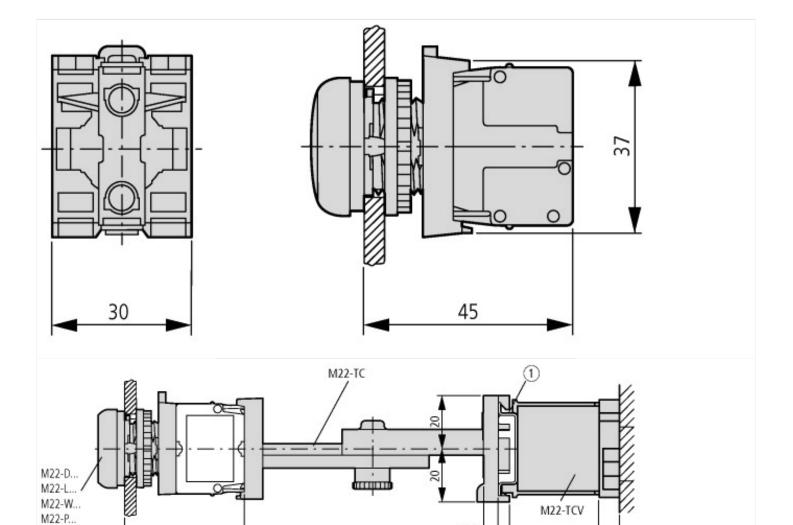
NKCR
012528
3211-03
UL listed, CSA certified
UL/CSA Type 3R, 4X, 12, 13

Dimensions









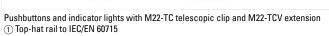
60 - 100

4.5

10

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