

Cabinet U-Handles

Zinc Die Casting, with Electrical Switching Function / with Indicator Light

SPECIFICATION

Function element 1 /

Function element 2

- Type **LK**: Indicator light red / green (bi-color) (no switching function)
- Type **RK**: Button, latching with LED, red / green (bi-color)
- Type **RO**: Button, latching without LED
- Type **TK**: Button, with LED, red / green (bi-color)
- Type **TO**: Button, without LED

Connection types

- Type **K2**: Cable, end open, 2 m
- Type **K5**: Cable, end open, 5 m
- Type **S025**: Cable with plug, 0,25 m

Handle

Zinc die casting

Powder coated

- Black, RAL 9005, textured finish **SW**
- Silver, RAL 9006, textured finish **SR**

Button / Indicator light housing

Stainless steel AISI 304

Cable (Outer sheath)

Polyurethan (PUR)

Black

Light guide

Plastic

Crystal-clear Polycarbonate (PC)

INFORMATION

Cabinet U-handles GN 422 are used to operate covers and doors. The buttons integrated into the handle can send electrical control signals, and the LEDs can indicate the status of a machine control, for example.

The handle is available with either 1 or 2 function elements. The LEDs light up red or green depending on the polarity at the connections. Complementary cabinet U-handles without switching function are available as GN 422.1 (see page).

ACCESSORY

- GN 330 Cables with Connector Coupling (5-pole, 5 or 10 meters long) (see page 1448)

* Complete with

SW **SR**
RAL9005 RAL9006

GN 422-With 1 function element

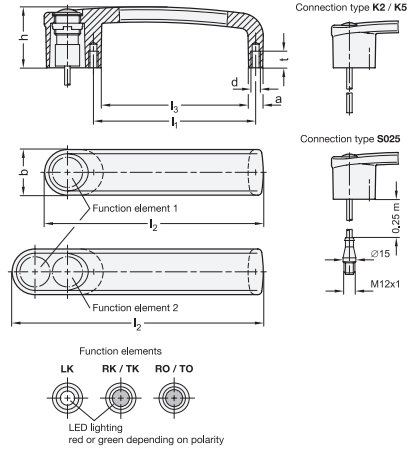
Description	b	a	d	h	l ₁	l ₂	l ₃	t	⚖
GN 422-33-LK-K2-*	33	10.2	M 6	44	117	158	105.5	12	582
GN 422-33-LK-K5-*	33	10.2	M 6	44	117	158	105.5	12	582
GN 422-33-LK-S025-*	33	10.2	M 6	44	117	158	105.5	12	582
GN 422-33-RK-K2-*	33	10.2	M 6	44	117	158	105.5	12	582
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GN 422-33-RO-K2-*	33	10.2	M 6	44	117	158	105.5	12	582
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GN 422-33-RO-S025-*	33	10.2	M 6	44	117	158	105.5	12	582
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GN 422-33-TK-S025-*	33	10.2	M 6	44	117	158	105.5	12	582
GN 422-33-TO-K2-*	33	10.2	M 6	44	117	158	105.5	12	582
GN 422-33-TO-K5-*	33	10.2	M 6	44	117	158	105.5	12	582
GN 422-33-TO-S025-*	33	10.2	M 6	44	117	158	105.5	12	582

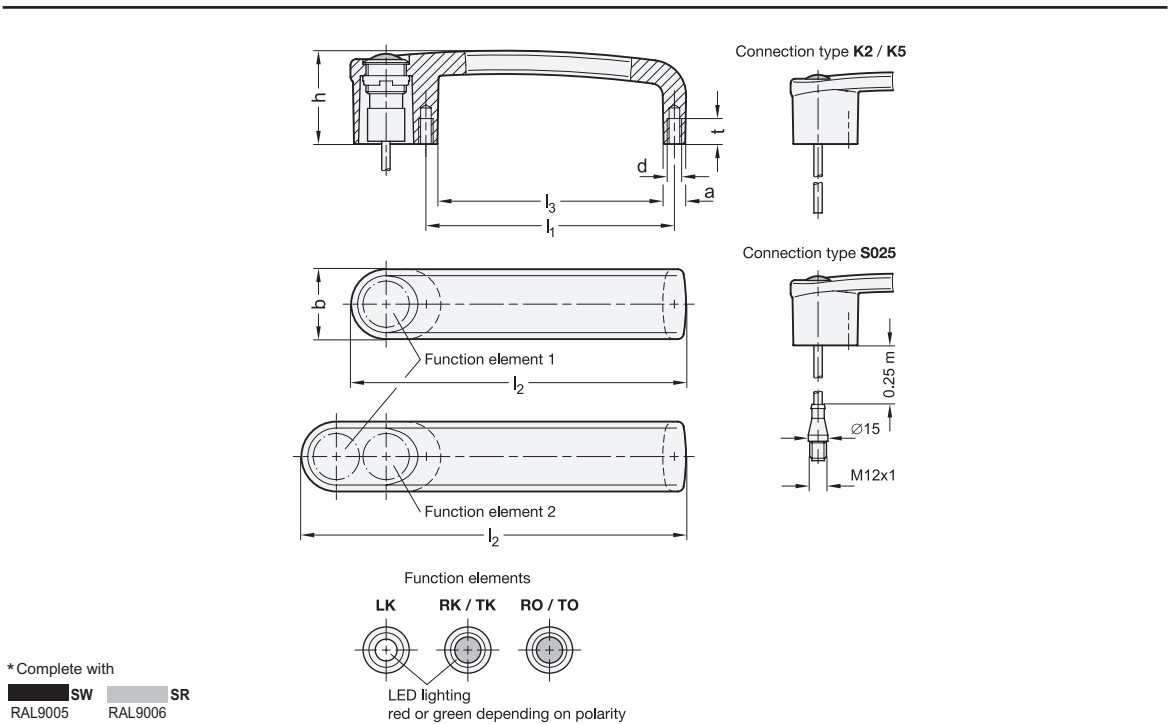
Weight SW



TECHNICAL INFORMATION

- Electrical and Mechanical Properties (see page)
- Load Rating Information (see page A35)
- Plastic Characteristics(see page A2)



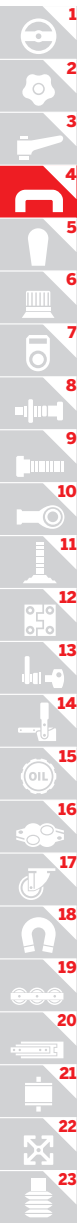


GN 422-With 2 function elements

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GN 422-33-LK-LK-K5-*	33	10.2	M 6	44	117	181.5	105.5	12	790
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GN 422-33-LK-RK-S025-*	33	10.2	M 6	44	117	181.5	105.5	12	790
GN 422-33-LK-RO-K2-*	33	10.2	M 6	44	117	181.5	105.5	12	790
GN 422-33-LK-RO-K5-*	33	10.2	M 6	44	117	181.5	105.5	12	790
GN 422-33-LK-RO-S025-*	33	10.2	M 6	44	117	181.5	105.5	12	790
GN 422-33-LK-TK-K2-*	33	10.2	M 6	44	117	181.5	105.5	12	790
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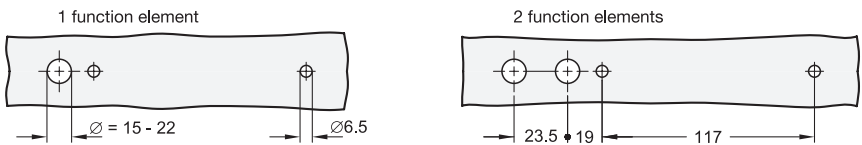


Electrical and Mechanical Properties		
Button		
Contacts	Changeover contact, snap contact	
Contact material	Silver alloy	
Switching voltages	max. 125 V (plug) max. 240 V (cable)	
Switching current	max. 3 A	
Mechanical lifespan	10 ⁶ switching cycles	
Electrical lifespan	50,000 switching cycles (under full load)	
LED indicator light / LED ring lighting		
Operating voltage / Operating current	24 V DC ± 10 % / 7 mA	
bi-color (red / green)		
Category of use (Button)	AC 15: 24 V AC / 1 A / DC 13: 24 V DC / 0.7 A AC 15: 110 V AC / 1 A / DC 13: 110 V DC / 0.2 A AC 15: 220 V AC / 0.5 A / DC 13: 220 V DC / 0.1 A	according to IEC 60947-5-1
	AC: 120 V AC / 5 A / DC: 12 V DC / 1 A AC: 240 V AC / 3 A	according to UL 508
Connection type		
Cable with open end (K2 / K5)	PUR cable with open stranded wires (2 m or 5 m)	
or Cable with plug (S025)	5-pin connector M12x1 with PUR cable 0.25 m	
	LK 1 - brown 2 - white	RK / TK 1 - green 2 - white 3 - yellow 4 - gray 5 - brown RO / TO 3 - brown 4 - green 5 - white
Approvals / Conformities		
CE declaration		

Security Information

The information in the operating instruction must be observed during installation, initial operation, and use. It is enclosed with the product and is provided digitally on the product page at [lesa-ganter.com](https://www.lesa-ganter.com).

Installation Holes



The holes must be free of burrs to prevent damage to the cable.