

- 2 Type**
T With button
- 3 Identification no.**
1 Contact block 1 NC / 1 NO
2 Contact block 2 NC
- 4 Connection type**
KU Cable on the bottom
SU Connector on the bottom

Dimensions in: millimeters - inches

Metric table

1 $l_1 \pm 1$	b	d	h₁	h₂	h₃	l₂	l₃	l₄	l₅	t	5 Cable length l_6 in meters Connection type KU	
180 7.09	35 1.38	M 6	70 2.76	65 2.56	24 0.94	212.5 8.37	113 4.45	20 0.79	29 1.14	12 0.47	2.5 0.10	5 0.20

Specification

- Handle
Plastic, Polyamide (PA)
- Glass fiber reinforced
- Self-extinguishing, UL-94 V0
- Temperature resistant up to 122 °F (50 °C)
- Black, matte finish
- LED light diffuser
Plastic, Polycarbonate (PC)
- Self-extinguishing, UL-94 V0
- Semi-transparent, white
- Button
Plastic, Polyamide (PA)
Black
- Tapped insert
Brass
- Cable (outer sheath)
Polyurethane PUR, black
- IP Protection Classes → page QVX
- Plastic Characteristics → page QVX
- RoHS

Accessory

- Cables with Connector Coupling
GN 330 → page QVX

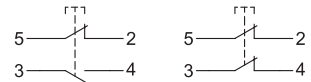
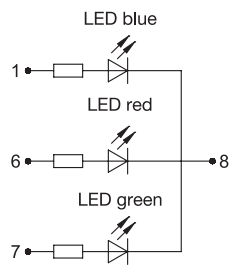
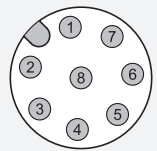
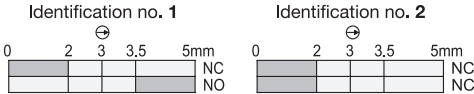

Information

Cabinet U-handles EN 6284 have a button and RGB LED lighting on the back of the handle. Depending on the identification no., the button is equipped with one NC contact and one NO contact or two NC contacts and triggers an electrical control signal, e.g. for a machine control system. The integrated RGB LED handle lighting can serve as a status indicator for a controller, for example. Various colors can be realized by combining red, blue and green light. The combinations can be found in the table. Complementary cabinet U-handles without switching function are available as EN 6284.1. [see also...](#)

- Cabinet U-Handles GN 422 (with Power Switching Function) → page QVX
- Bridge Handles EN 628.4 (with Power Switching Function) → page QVX
- Bridge Handles EN 6284.1 (without Power Switching Function) → page QVX

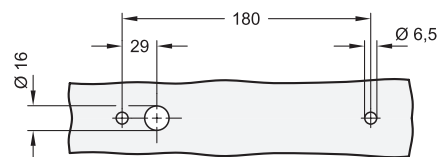
How to order (with connector)	1 Length l_1
EN 6284 -180- T - 1 - SU	2 Type
	3 Identification no.
	4 Connection type

How to order (with cable)	1 Length l_1
EN 6284-180-T-2-KU-2.5	2 Type
	3 Identification no.
	4 Connection type
	5 Cable length l_6

Electrical and mechanical properties																																		
Button Contacts Contact material Contact resistor Contact voltages / current Mech. contact lifespan Lifespan Actuation force / distance	Changeover contact, slow-action contact Silver alloy 25 mΩ max. 30 V / 2,5 A (cable) max. 250 V / 4 A (plug) 3600 cycles/hour as per DIN EN 60947-5-1 10 ⁷ switching cycles 30N (IP67) / 5mm	Identification no. 1 Identification no. 2 																																
Category of use	DC-13: 24 V DC / 2A (plug) AC-15: 240 V AC / 3A / DC-13: 240 V DC / 0,4A (cable)	as per DIN EN 60947-5-1																																
LED handle lighting Operating voltage / current LED connection Type RGB (see operating instruction)	24 V DC ± 10 % / 120 mA <table border="1"> <thead> <tr> <th>LED colors</th> <th>blue (1)</th> <th>red (6)</th> <th>green (7)</th> </tr> </thead> <tbody> <tr> <td>red</td> <td>off</td> <td>on</td> <td>off</td> </tr> <tr> <td>green</td> <td>off</td> <td>off</td> <td>on</td> </tr> <tr> <td>blue</td> <td>on</td> <td>off</td> <td>off</td> </tr> <tr> <td>yellow</td> <td>off</td> <td>on</td> <td>on</td> </tr> <tr> <td>light blue</td> <td>on</td> <td>off</td> <td>on</td> </tr> <tr> <td>violet</td> <td>on</td> <td>on</td> <td>off</td> </tr> <tr> <td>white</td> <td>on</td> <td>on</td> <td>on</td> </tr> </tbody> </table>	LED colors	blue (1)	red (6)	green (7)	red	off	on	off	green	off	off	on	blue	on	off	off	yellow	off	on	on	light blue	on	off	on	violet	on	on	off	white	on	on	on	
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Connection type Cable (KU) Maximum bending radius or Plug (SU) Protection class	PUR cable with open stranded wires (2.5 or 5 mm) > 70 mm 8-pin plug M12x1 IP 67	Pin configuration and cable assignment  1 - blue 2 - pink 3 - brown 4 - gray 5 - yellow 6 - red 7 - green 8 - white																																
B10_d -Wert	20 000 000	as per DIN EN 13849-1																																
Short-circuit protection	4A 500V gG																																	
Rated insulation voltage	30 V AC/DC (plug) und 250 AC (cable)																																	
Degree of soiling	3	as per DIN EN 61010-1																																
Switching paths diagram (schematic)	Identification no. 1 Identification no. 2 																																	
Approvals, conformity declarations CE marking																																		

Installation holes

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



1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

