KI series

LED indicators

DISTINCTIVE FEATURES

Wide choice of bezel colors

Wide choice of LEDs

Laser etched symbols

Long life expectancy

ENVIRONMENTAL SPECIFICATIONS

• Salt spray resistance : 96 hours according to IEC 512-6, test 11f

• Operating temperature : -40 °C to +85 °C (-40 °F to +185 °F)

ELECTRICAL AND GENERAL SPECIFICATIONS

• Operating voltage : 6 VDC, 12 VDC or 24 VDC

• Nominal current : 20 mA per LED

• Panel thickness : 0.8 mm to 4.6 mm

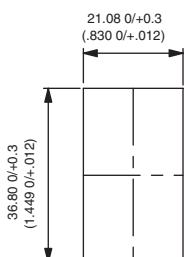• Recommended panel thickness : between 2 mm and 3.5 mm

MATERIALS

• Case : ABS

• Bezel : ABS

• Terminals : brass, silver plated

PANEL CUT-OUT

21.08 0/+0.3
(.830 0/+.012)

36.80 0/+0.3
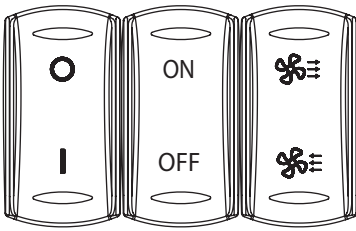(1.449 0/+.012)

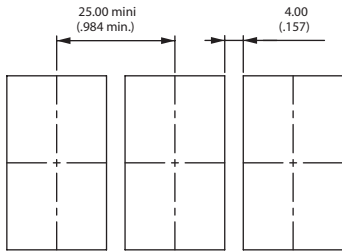The company reserves the right to change specifications without notice.

KI series

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MATRIX MOUNTING
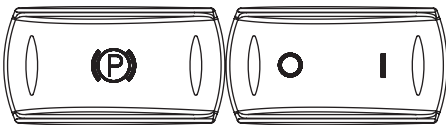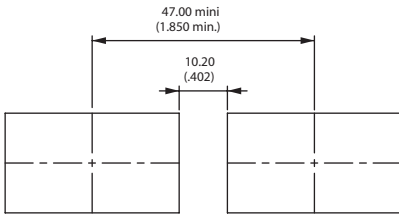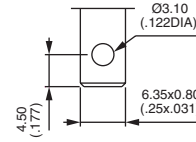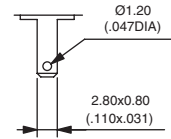
25.00 mini
(.984 min.)

4.00
(.157)

ON

OFF

47.00 mini
(1.850 min.)

10.20
(.402)

P   O   I

TERMINALS

Ø3.10
(.122DIA)

6.35x0.80
(.25x.031)

4.50
(.17)

Solder lug / quick-connect

ø1.80
(.071DIA)

6.35x0.80
(.250x.031)

Normalized quick-connect 6.35x0.8

Ø1.20
(.047DIA)

2.80x0.80
(.110x.031)

Normalized quick-connect 2.8x0.8

KI series

LED indicators
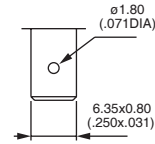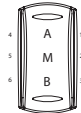
⊞ BUILD YOUR PART NUMBER

CASE + LEDS

| KI | ___ | Side A | Center M | Side B | ___ | ___ | Area A | Area M | Area B | ___ |

SERIES

LEDS

SYMBOLS

COLORS

X	None
A	LED 6 V red
B	LED 6 V green
C	LED 6 V yellow
M	LED 6 V blue
R	LED 6 V white
D	LED 12 V red
E	LED 12 V green
F	LED 12 V yellow
N	LED 12 V blue
S	LED 12 V white
J	LED 24 V red
K	LED 24 V green
L	LED 24 V yellow
P	LED 24 V blue
T	LED 24 V white

Etc.

DC voltage standard

1	Blue
1/4	Dark blue
2	Black
3	Green
4	Grey
5	Yellow
6	Red
9	Orange

TYPE OF ILLUMINATION

X	Standard
S	Super bright

MARKING ORIENTATION

N	North
O	West
S	South
E	East

Drawings on the following pages.

TERMINALS WITH BARRIER

C	Solder lug / quick-connect
F	Quick-connect 6.35 mm
J	Quick-connect 2.8 mm

On request : 48 VDC voltage - AC voltage - new design.
Symbols & Accessories : see end of the series.

⚡ ABOUT THIS SERIES

⚠ **Notice :** please note that not all combinations of above numbers are available. Refer to the following pages for further information.

ⓘ **Mounting accessory :** Standard hardware supplied : one flat seal.

KI series

LED indicators

DIMENSIONS
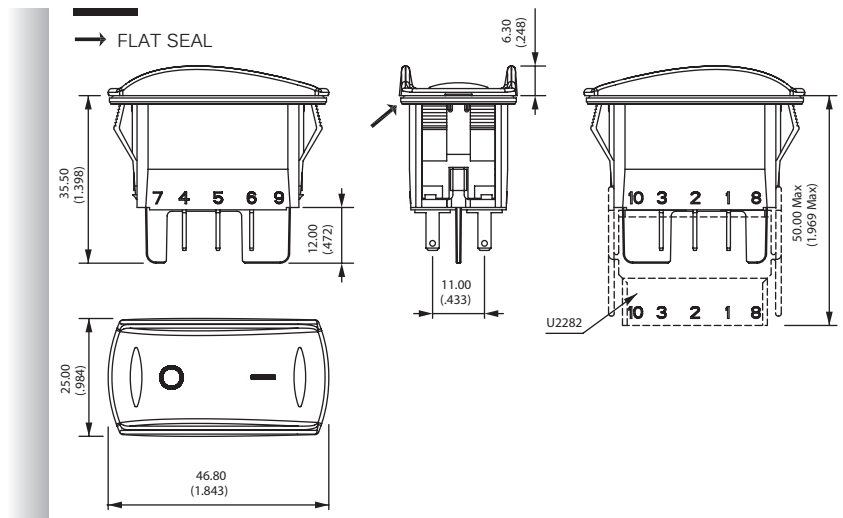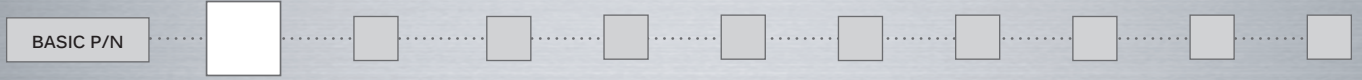
→ FLAT SEAL

35.50 (1.398)

12.00 (.472)

6.30 (.248)

11.00 (.433)

50.00 Max (1.969 Max)

25.00 (.984)

46.80 (1.843)

7 4 5 6 9

10 3 2 1 8

U2282

10 3 2 1 8

KI

BEZEL COLOR

BASIC P/N

1	Blue
1/4	Dark blue
2	Black
3	Green
4	Grey
5	Yellow
6	Red
9	Orange

LEDS

BASIC P/N — Side A — Center M — Side B
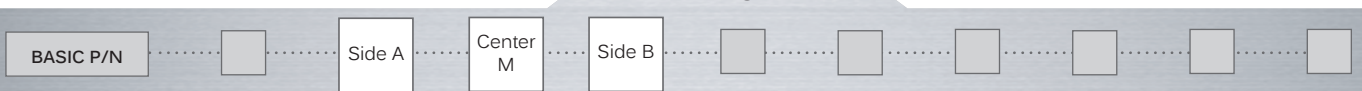
Complete each enlarged box with one of the codes listed below.

X Without LED

	Red	Green	Yellow	Blue	White	Amber	Red/green
6 VDC	A	B	C	M	R	4	1
12 VDC	D	E	F	N	S	5	2
24 VDC	J	K	L	P	T	6	3
No resistor	U	V	W	Y	Z	9	8

LED consumption : 20 mA
@ nominal voltage (25 °C / 77 °F)
Other illumination solutions : on request.

Side A

Side B

KI series

LED indicators

TYPE OF ILLUMINATION

BASIC P/N

X   Standard
S   Super bright

MARKING ORIENTATION

BASIC P/N

If no marking required, leave box blank.
Other orientations : on request

N	O	S	E

SYMBOLS

BASIC P/N   Area A   Area M   Area B

XX   No symbol

Available symbols
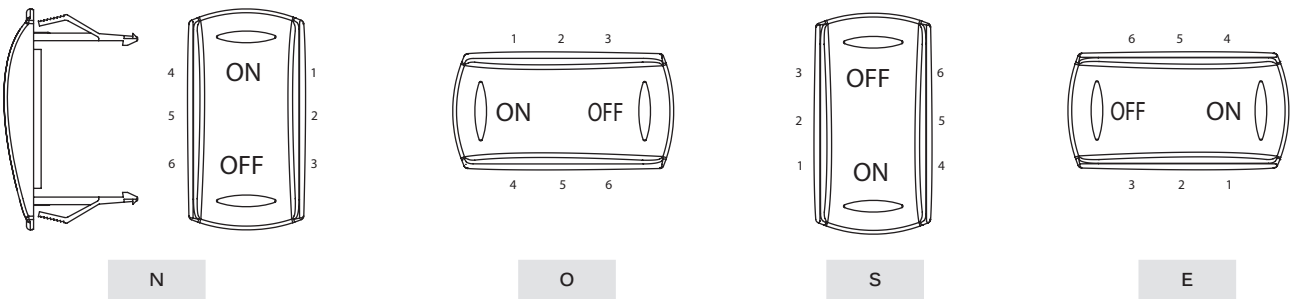Complete each enlarged box with the one of the codes
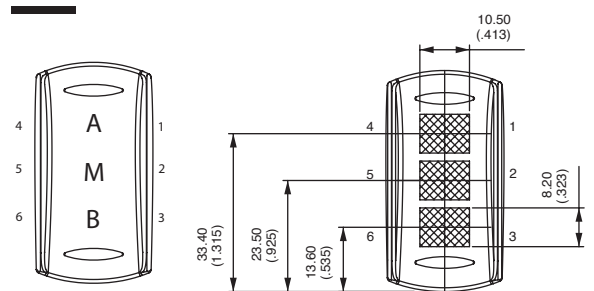listed on the following pages.

Marking color
White (laser etching)

Laser etching resistance
- Water and petrol resistant acccording to EN61058-1
- Tear resistant (cross-cut test) according to NF ISO 2409 :
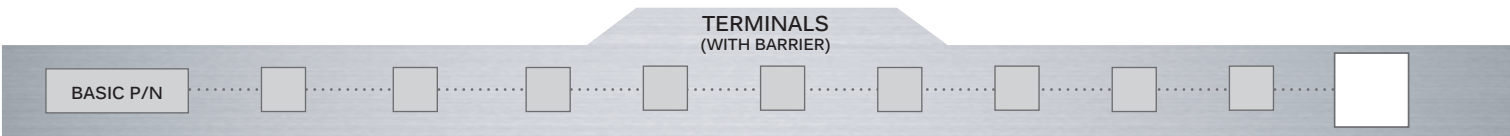 class 0
- UV resistant according to ISO 4892-2

Marking area
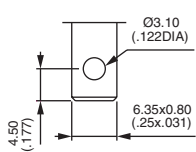The symbol will be included in the hatched area.
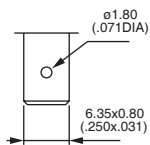
KI series

LED indicators

BASIC P/N

C   Solder lug / quick-connect : 10 terminals for use with connector U2292
F   Normalized quick-connect 6.35x0.8 : 10 terminals for use with connector U2292
J   Normalized quick-connect 2.8x0.8 : 10 terminals for use with connector U2292
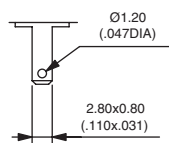
Terminals are marked on the case.

Ø3.10
(.122DIA)

6.35x0.80
(.25x.031)

4.50
(.177)

C

ø1.80
(.071DIA)

6.35x0.80
(.250x.031)

F

Ø1.20
(.047DIA)

2.80x0.80
(.110x.031)

J

7.10
(.280)

7 4 5 6 9

9.10
(.358)