



LED INDICATOR

SQUARE TYPE LED INDICATOR



FEATURES

■ **Available in various models for different uses; providing bright, uniform surface illumination**

A variety of models are available including the square chevron type, flat square type, and surface-written type. The brightness equivalent to an incandescent lamp has been achieved through our original technological efforts.

■ **Screw type terminals**

In order to ensure the connections of electric wires of 0.2 to 2.5 mm² used for the control circuit, the terminals of all models are screw type (M3.5).

■ **LED unit can be replaced from panel surface.**

All model LED can be replaced from their panel surface, which facilitates specification changes and maintenance.

SPECIFICATIONS (RATINGS, PERFORMANCE)

Specification \ Type	QXL	KXL	CXL30	CXL40
Rated insulation voltage (Ui)	250V			
Mounting hole size	$\phi 25.5^{+0.5}_{-0}$	$\phi 25.5^{+0.5}_{-0}$	$\phi 25.5^{+0.5}_{-0}$	$\phi 30.5^{+0.5}_{-0}$
Screw size	M3.5×8			
Rated current	11mA, 22mA (24V only)	11mA	R, O, W, Y : 11mA (22mA for 24V only) G, B, P : 7mA (14mA for 24V and 48V only *max.19mA)	
Rated impulse withstand voltage	±7kV / 3 times for each pole (1.2 / 50μs) (Whole live part to mounting panel)			
Recognition distance	10m (1,000 LX in illuminance on applicable panel)			
Power-Frequency withstand voltage	2,500V AC / 1 min.			
Operating temperature	-20 to 40℃			
Storing temperature	-25 to 65℃			
Altitude	2,000 m max.			
Weight	25g	25g	30g	40g

PILOT LAMP & INDICATOR

HOW TO ORDER

[QXL type]

QXL - 110 - R B (F)

No.	Item	Code	Detail	Note
①	Basic type	QXL	—	—
②	Power supply voltage	012	12V AC / DC	
		024	24V AC / DC	
		048	48V AC / DC	
		110	100 / 110V AC / DC	—
		125	125V AC / DC	
		220	200 / 220V AC / DC	
③	Lens color	R	Red	R
		G	Green	G
		O	Orange	O
		W*1	Milky white	W
		Y	Yellow	Y
		B	Blue	B
④	Frame color	B	Black	N1.5
⑤	Lens type	(F)	Flat	—

*1 W (Milky white) is like the amber color of an incandescent bulb.

[KXL type]

KXL - 110 - R B (K)

No.	Item	Code	Detail	Note
①	Basic type	KXL	—	—
②	Power supply voltage	024	24V AC / DC	
		048	48V AC / DC	
		110	100 / 110V AC / DC	—
		125	125V AC / DC	
		220	200 / 220V AC / DC	
③	Lens color	R	Red	R
		G	Green	G
		O	Orange	O
		W*1	Milky white	W
		Y	Yellow	Y
		B	Blue	B
④	Frame color	B	Black	N1.5
⑤	Lens type	(K)	K : Chevron type	—

*1 W (Milky white) is like the amber color of an incandescent bulb.

[CXL type]

CXL 30 - 110 - R W B (F)

No.	Item	Code	Detail	Note
①	Basic type	CXL	—	—
②	Size of window frame	30	30x30	—
		40	40x40	—
③	Power supply voltage	024	24V AC / DC	
		048	48V AC / DC	
		110	100 / 110V AC / DC	—
		125	125V AC / DC	
		220	200 / 220V AC / DC	
④	Lens color	R	Red	R
		G	Green	G
		O	Orange	O
		W*1	Milky white	W
		Y	Yellow	Y
		B	Blue	B
		P	Pure white	P
⑤	Frame color	B	Black	N1.5
⑥	Lens type	(F)	Flat	—

*1 W (Milky white) is like the amber color of an incandescent bulb.

*2 When the lens is used in white, it is necessary.

(It applies excluding P color.)

In that case, please indicate "W" after the display color.

When the display color is W (milky white), the lens color is white (W) by default, so no instruction is required.

When using standard lens colors, no entry is required.

Y, B, and P are special colors, so they are made to order and require additional time for delivery.

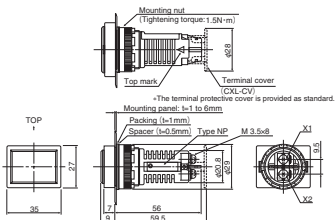
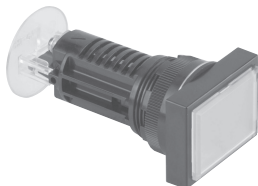


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STANDARD PRODUCTS

QXL (φ25)



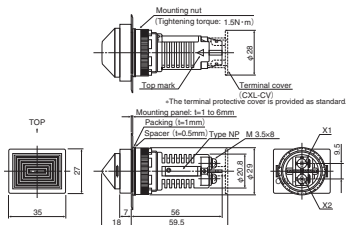
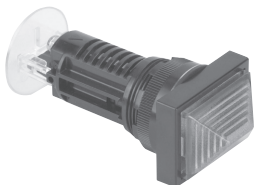
●Applicable accessories

LED	PXL-LED-□-□
Lens	QXL-LENSSET-□(F)
Tightening tool	CXL30-Q (Sold separately)
Removing tool	XL-NQ (Sold separately)
Protective cover	CXL-CV

●Mounting hole



KXL (φ25)



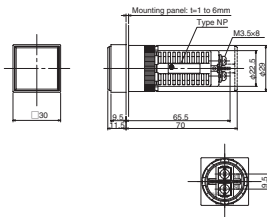
●Applicable accessories

LED	PXL-LED-□-□
Lens	KXL-LENS-□(K)
Tightening tool	CXL30-Q (Sold separately)
Removing tool	XL-NQ (Sold separately)
Protective cover	CXL-CV

●Mounting hole



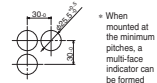
CXL30 (φ25)



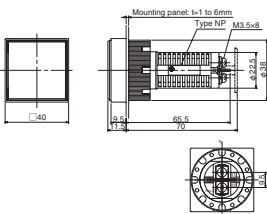
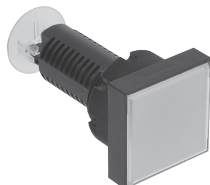
●Applicable accessories

LED	CXL30-LED-□-□
Lens	CXL30-LENSSET-□
Tightening tool	CXL30-Q (Sold separately)
Removing tool	XL-NQ (Sold separately)
Protective cover	CXL-CV
Jumper	DL-SB1 (Sold separately)

●Mounting hole



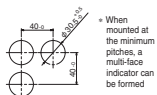
CXL40 (φ30)



●Applicable accessories

LED	CXL40-LED-□-□
Lens	CXL40-LENSSET-□
Tightening tool	CXL40-Q (Sold separately)
Removing tool	XL-NQ (Sold separately)
Protective cover	CXL-CV
Jumper	DL-SB2 (Sold separately)

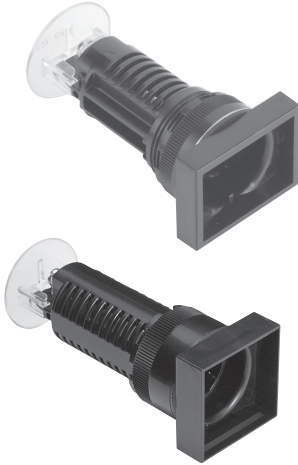
●Mounting hole



PILOT LAMP & INDICATOR

ACCESSORIES

Main frame



● **QXL-000**
Basic type Frame only

● **KXL-000**
Basic type Frame only

● **CXL30-000**
Basic type Frame only

Code	Size (mm)
CXL30	30×30
CXL40	40×40

LED unit

(Order unit: 10)

● For CXL



● For QXL • KXL



	Voltage	24V AC / DC	48V AC / DC	110V AC / DC	125V AC / DC	220V AC / DC
Color						
CXL 30	Red	CXL30-LED024-R	CXL30-LED048-R	CXL30-LED110-R	CXL30-LED125-R	CXL30-LED220-R
	Orange	CXL30-LED024-O	CXL30-LED048-O	CXL30-LED110-O	CXL30-LED125-O	CXL30-LED220-O
	Milky white	CXL30-LED024-W	CXL30-LED048-W	CXL30-LED110-W	CXL30-LED125-W	CXL30-LED220-W
	Green	CXL30-LED024-G	CXL30-LED048-G	CXL30-LED110-G	CXL30-LED125-G	CXL30-LED220-G
	Yellow	CXL30-LED024-Y	CXL30-LED048-Y	CXL30-LED110-Y	CXL30-LED125-Y	CXL30-LED220-Y
	Blue	CXL30-LED024-B	CXL30-LED048-B	CXL30-LED110-B	CXL30-LED125-B	CXL30-LED220-B
	Pure white	CXL30-LED024-P	CXL30-LED048-P	CXL30-LED110-P	CXL30-LED125-P	CXL30-LED220-P
CXL 40	Red	CXL40-LED024-R	CXL40-LED048-R	CXL40-LED110-R	CXL40-LED125-R	CXL40-LED220-R
	Orange	CXL40-LED024-O	CXL40-LED048-O	CXL40-LED110-O	CXL40-LED125-O	CXL40-LED220-O
	Milky white	CXL40-LED024-W	CXL40-LED048-W	CXL40-LED110-W	CXL40-LED125-W	CXL40-LED220-W
	Green	CXL40-LED024-G	CXL40-LED048-G	CXL40-LED110-G	CXL40-LED125-G	CXL40-LED220-G
	Yellow	CXL40-LED024-Y	CXL40-LED048-Y	CXL40-LED110-Y	CXL40-LED125-Y	CXL40-LED220-Y
	Blue	CXL40-LED024-B	CXL40-LED048-B	CXL40-LED110-B	CXL40-LED125-B	CXL40-LED220-B
	Pure white	CXL40-LED024-P	CXL40-LED048-P	CXL40-LED110-P	CXL40-LED125-P	CXL40-LED220-P
QXL KXL	Red	PXL-LED024-R	PXL-LED048-R	PXL-LED110-R	PXL-LED125-R	PXL-LED220-R
	Orange	PXL-LED024-O	PXL-LED048-O	PXL-LED110-O	PXL-LED125-O	PXL-LED220-O
	Milky white	PXL-LED024-W	PXL-LED048-W	PXL-LED110-W	PXL-LED125-W	PXL-LED220-W
	Green	PXL-LED024-G	PXL-LED048-G	PXL-LED110-G	PXL-LED125-G	PXL-LED220-G
	Yellow	PXL-LED024-Y	PXL-LED048-Y	PXL-LED110-Y	PXL-LED125-Y	PXL-LED220-Y
	Blue	PXL-LED024-B	PXL-LED048-B	PXL-LED110-B	PXL-LED125-B	PXL-LED220-B



ACCESSORIES

Applicable accessories list

■ CXL type LENS composition



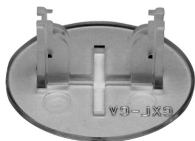
A diagram of a square. The vertical side on the right is labeled 'A' with a double-headed arrow. The horizontal side at the bottom is labeled 'B' with a double-headed arrow.

Code \ Dimension (mm)	A	B	Thickness
CXL30	24.8	24.8	1.5
CXL40	34.8	34.8	1.5
QXL	18.9	26.9	1.5

Terminal protection cover

(Order unit: 10)

● **CXL-CV** (Standard equipment)



Applicable type
QXL, KXL,
CXL30, CXL40

Removing tool

●XL-NQ
(Order unit: 10)



- * Sucker is used for lens removal.
- * Hook is used for LED unit removal.

(QXL, KXL, CXL30 / 40)

Jumper

(Order unit: 100)

DL-SB1	XL-SB1C	DL-SB2	XL-SB2C
Applicable to XL-3000 / 3010 / 3600 and CXL30		Applicable to XL-4000 / 4001 / 4010 / 4800 and CXL40	

Applicable accessories list

Classification	Type	Shape	Applicable type
Tightening tool	Tightening jig B (CXL40-Q)		CXL40
	CXL30-Q		CXL30, QXL, KXL

Separate transformer

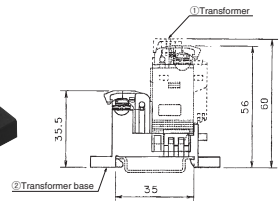
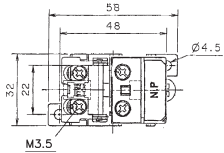
Separate transformer



①Transformer
(Primary)



②Transformer base
(Secondary)



Please order ①Transformer and ②Transformer base separately.

①Transformer

Type	Rated primary voltage	Rated secondary voltage
AR9T559-H	100/110V	24V
AR9T559-M	200/220V	
AR9T559-T	400/440V	

* AC power use only.

②Transformer base

Type
AR9T003

About the environment in which P color (pure white) is used.

Don't use under abnormal environment.

(High temperature, Humidity, Dust, Corrosive gas atmosphere.)