MAFELEC

LED INDICATORS 24X36

CONTROL AND SIGNALING SOLUTIONS FOR HARSH ENVIRONMENTS

LED INDICATORS 24X36

Robust

Long life durability :

- Long life expectancy
- Applications in electrical substations, power plant (hydraulic, nuclear…)

Advantages

Adaptable to your applications :

- 1 or 2 signals LED indicators (Red, Green, Yellow, orange)
- Voltage 24VDC /48VDC
- Spring fixing Snap-on from the front
- Unitary mounting or in lines
- Possibility of marking

APPLICATION

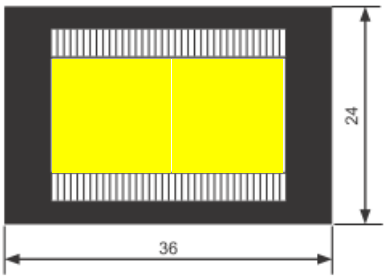
> Allows to give a luminous information

- This indicator is used on the control panel to provide light information needed to control an installation.
- These LED indicators have been proven for many years in various applications, including electrical substations and control panels of energy power plant (hydraulic, nuclear power plant ….)
- In the same product range we have also illuminated pushbuttons , with the same size (24X36). They make it possible to carry out the display of a fault and to order the acknowledgment of the fault on the same product.

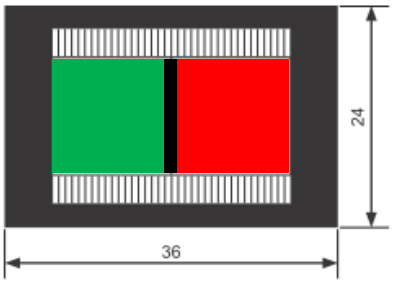
Functions and schematics

Functions

1 signal 26X13



2 signals 13X13

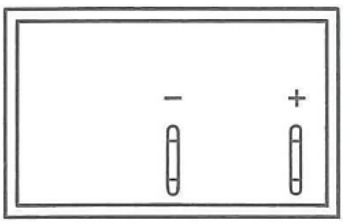


Schematics

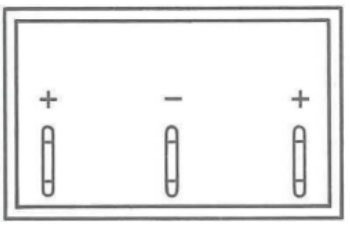
Connection

Soldered or Fast-On clip : 2,8 x 0,5

1 signal



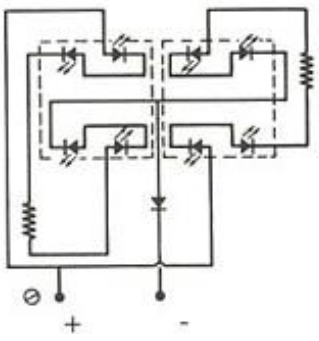
2 signals



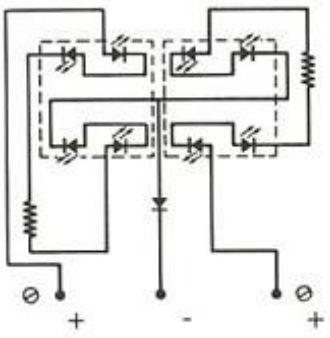
Electrical schemes

Voltage : 24 VDC or 48 VDC (Negative common point)

Consumption : 140mA



Consumption : 20 mA per signal



** The specifications and drawings given are subject to change and are not binding unless confirmed by our specialists.*

Mounting and references

Mounting

Unitary mounting or mounting in vertical line

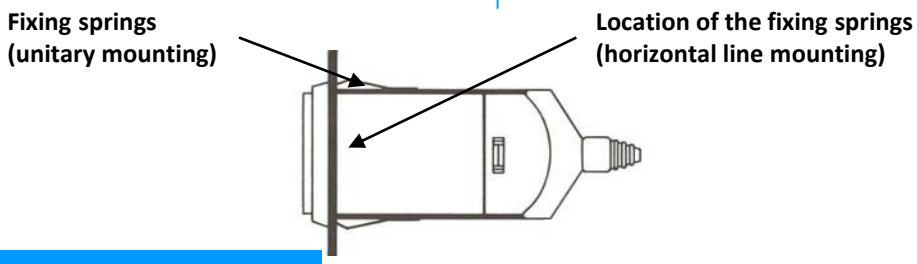
On 0,8 to 3,9 mm panel (standard)
On 4 to 6 mm panel (on demand)

The fixing springs are mounted on the sides of the device

Mounting in horizontal line

On 0,8 to 3,9 mm panel (standard)
On 4 to 6 mm panel (on demand)

The fixing springs are mounted on the top and the bottom of the device



References

1 signal 26X13 LED indicator (for 0,8 to 3,9 panel)					
Unitary mounting or mounting in vertical line			Mounting in horizontal line		
	24 VDC	48 VDC		24 VDC	48 VDC
Red	410 452 24	410 453 25	Red	410 455 27	410 455 20
Green	410 458 02	410 459 03	Green	410 461 25	410 462 26
Yellow	410 464 20	410 465 21	Yellow	410 467 23	410 468 04
Orange	410 470 02	410 471 27	Orange	410 473 21	410 474 22

2 signals 13X13 LED indicator (for 0,8 to 3,9 panel)					
Unitary mounting or mounting in vertical line			Mounting in horizontal line		
	24 VDC	48 VDC		24 VDC	48 VDC
Red/Red	410 852 25	410 853 26	Red/Red	410 855 20	410 856 21
Green/Green	410 858 03	410 859 04	Green/Green	410 861 26	410 862 27
Yellow/Yellow	410 864 21	410 865 22	Yellow/Yellow	410 867 24	410 868 05
Orange/Orange	410 870 03	410 871 20	Orange/Orange	410 873 22	410 874 23
Red/Green	410 476 24	410 477 25	Red/Green	410 496 11	410 497 12
Red/Yellow	410 479 07	410 481 12	Red/Yellow	410 499 24	410 540 00
Red/Orange	410 483 14	410 484 15	Red/Orange	410 542 26	410 543 27
Green/Yellow	410 486 17	410 487 10	Green/Yellow	410 545 21	410 546 22
Green/Orange	410 489 22	410 491 14	Green/Orange	410 458 04	410 549 05
Yellow/Orange	410 493 16	410 494 17	Yellow/Orange	410 551 27	410 552 20

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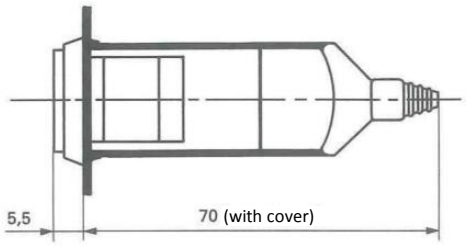
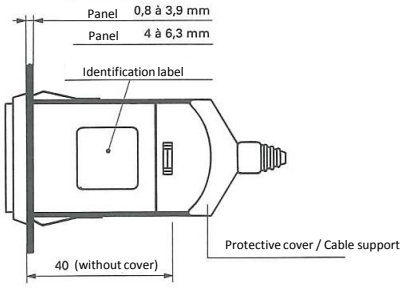
Technical characteristics

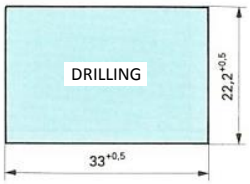
Dimensions





Drilling

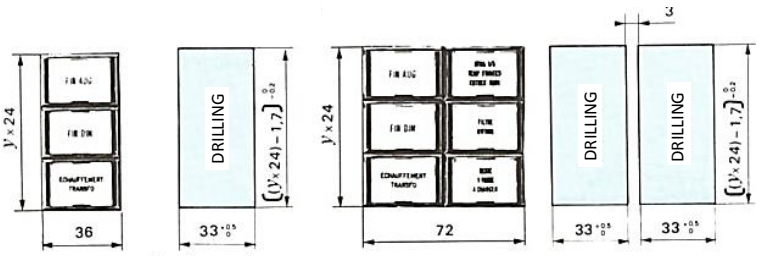
Unitary mounting



Mounting in stacks

Maximum 15 units per stack

Maximum 4 units per stack



Y = number of indicators

A greater number of indicators per stack is possible by spacing the stacks

Electrical, mechanical characteristics

Connection	Soldered or Fast-On clip 2,8 X 0,5
Cable section	0,3 to 1mm²
Nominal voltage	24 VDC or 48 VDC
Dissipated power	~ 1,5 W max perLED
Dielectric strenght	3,5 kV @ 50Hz-1min
Consumption	1 signal : 140 mA 2 signals : 20 mA per signal
Pollution degree	Type 3
Protection degree	IP20 (connected)
Marking	By engraving on the front face or inserted film
Fixing	By springs at the front of the support
Working temperature **(optimal operating conditions of the LEDs)**	-25° C to + 30° C (beyond decreasing of the lifetime)
Storage temperature	-40° C to + 70° C

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