

Substations



NLU



Mobil Code



NLU..E30



MicroControl substation on request

Schrack-Info

The substations provide the same functions as the MultiControl central unit. The microprocessor-based substations operate independently if the main computer fails. Each substation provides the same programming options and interfaces as the central unit. Substations allow the monitoring of individual luminaires without additional wiring and provide freely programmable circuits. Also available as certified E30 version. When using the DCM12E (2x1, 1 A/2x250 VA) circuit modules in combination with “EL” luminaires these emergency luminaires can each be switched individually from a central unit (for details see chapter “Central Switching of Individual Luminaires”).

Note

Up to 8 sub-distribution can be connected to one main unit (1 substation uses 12 circuits of the main unit)! The entire system (control centre) can administrate 96 circuits max.! The installation of other modules, such as SAM, MC-LM etc. reduces the number of available circuits.

Compact MicroControl Substation

The compact and low-cost substation for MultiControl systems using the MicroControl control computer for 2, 4 or 6 main circuits. The dimensions are HxWxD 430x350x230 mm. It is fully equipped with an I/O module, a SAM08 module, a monitored closed current loop CCIF, the web interface of the MicroControl model range and can be networked via Ethernet. The maximum power rating of this substation is 2000 VA.





Technical Data

|                        |                                      |
|------------------------|--------------------------------------|
| Enclosure material:    | Sheet steel, grey RAL 7035           |
| Deegree of protection: | IP21 (opt. IP54, E30, E90)           |
| Appliance class:       | I                                    |
| Cable inlet:           | Top; bottom in version 900 enclosure |
| Mains connection:      | 1 or 3 x 230 V 50 Hz                 |

## Substations

## Circuit Modules

| Type:  | Fusing:    | Max. load per module: |
|--------|------------|-----------------------|
| DCM12E | 4 x F5 A   | 1 A / 2 x 300 VA      |
| DCM32  | 4 x F5 A   | 3 A / 2 x 650 VA      |
| DCM42  | 4 x F6.3 A | 4 A / 2 x 860 VA      |
| DCM62  | 4 x F10 A  | 6 A / 2 x 1300 VA     |

| DESCRIPTION   | AVAILABLE   | ORDER NO.  |
|---|---|------------|
| <b>Substations</b>  |   |            |
| Substation incl. processor for MultiControl for max. 6 DCM / 12 circuits, 550x600x450 mm (HxWxD)  |   | NLUCW12    |
| Substation incl. processor for MultiControl for max. 6 DCM / 12 circuits, mounted in E30 enclosure 1050x650x341 mm (HxWxD)                                |   | NLUCW12E30 |
| Substation incl. processor for MultiControl for max. 12 DCM / 24 circuits, 550x600x450 mm (HxWxD)   |   | NLUCW24    |
| Substation incl. processor for MultiControl for max. 12 DCM / 24 circuits, mounted in E30 enclosure 1050x650x341 mm (HxWxD)                               |   | NLUCW24E30 |
| Substation incl. processor for MultiControl for max. 18 DCM / 18 circuits, 900x600x450 mm (HxWxD)   |   | NLUCW36    |
| Substation incl. processor for MultiControl for max. 18 DCM / 36 circuits, mounted in E30 enclosure 1150x760x575 mm (HxWxD)                               |   | NLUCW36E30 |
| <b>Required accessories</b>   |   |            |
| Slide-in circuit module 19" 2 x 1 A/300 VA – fuse 4x F5 A, for emergency luminaires that can be individually switched from a central unit NL...EL, NL...E |  | NLDCM12E   |
| Slide-in circuit module 19" 2 x 3 A/650 VA – fuse 5 A combined operation M/NM   |  | NLDCM32    |
| Slide-in circuit module 19" 2 x 4 A/860 VA – fuse 6.3 A combined operation M/NM   |  | NLDCM42    |
| Slide-in circuit module 19" 2 x 4 A/1300 VA – fuse 10 A combined operation M/NM   |  | NLDCM62    |

