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## ESF suppression module

Type designation:

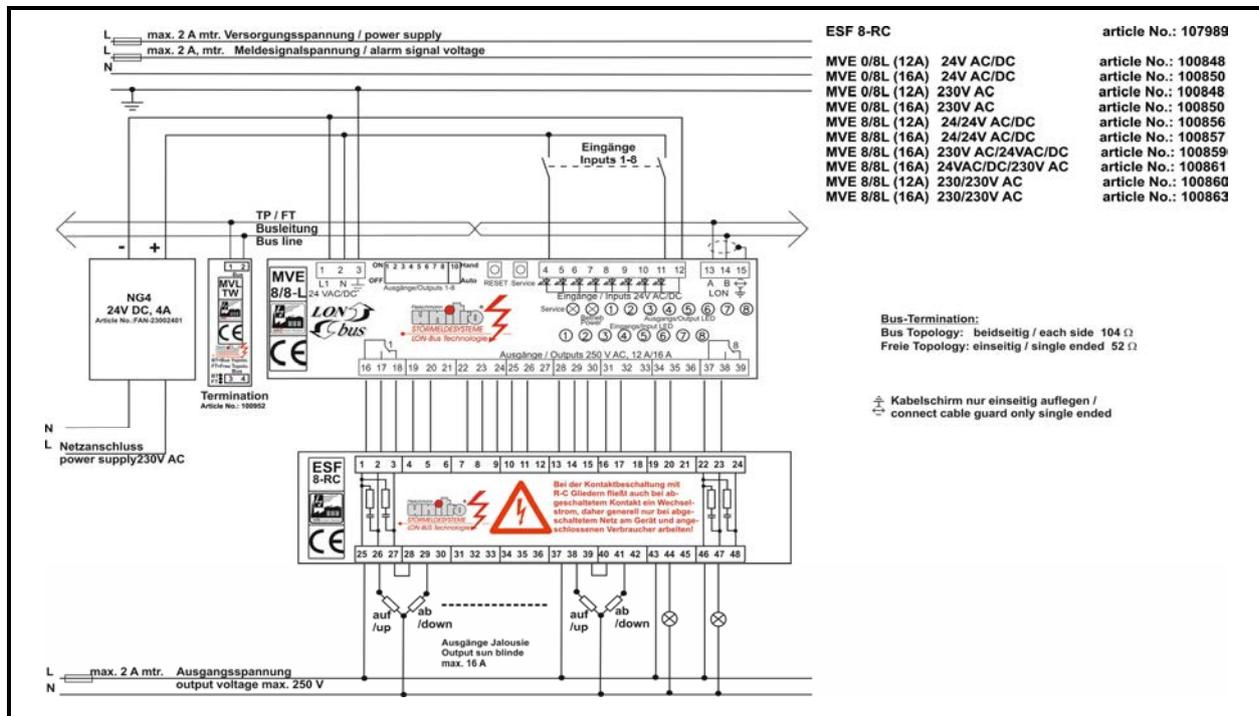
**ESF suppression module**  
for the attenuation of  
8 changeover contacts



### System features:

- Snap-on housing for distributor installation in snap-on breakers design 106 x 90 x 58mm high
- Degree of protection IP20
- Interference suppression to attenuate 8 changeover contacts:
  - at high shutdown peak voltages (these can burn out of relay switch contacts lead)
  - to reduce RF interference (which can also function as their own neighboring devices disturb sensitive)
- **Applications: electronic ballasts, energy saving lamps, blinds and roller shutter motors, etc.**
- EMC-values: UNITRO-Standard in accordance with EN 61000

## Connection diagram ESF with MVE 8/8-L



### Technical data:

- Type of construction:  
snap-on housing  
106 x 90 x 58mm high
- Degree of protection:  
IP20
- Weight:  
approx. 350g
- Climatic conditions:  
in accordance with UNITRO-Standard
- Connection:  
screw-type terminals max. 2,5mm<sup>2</sup>
- Switching voltage and current:  
230V AC, 16A
- Type connection:  
16x R-C elements  
with 10Ω, 0,22μF
- Isolation voltage:  
groups between the suppressor  
2000V<sub>rms</sub>
- Function:  
interference suppression to attenuate 8 changeover contacts:  
- at high shutdown peak voltages (these can burn out of relay switch contacts lead)  
- to reduce RF interference (which can also function as their own neighboring devices disturb sensitive)
- Residual current:  
**caution:** if the contact switching elements with RC-flowing even when switched off contact an AC system, therefore, generally only work with disabled power to the unit and connected equipment!
- Leakage distances and clearances:  
in accordance with UNITRO-Standard
- EMC, immunity of interference:  
UNITRO-Standard,  
in accordance with EN 61000

