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ESF suppression module

Type designation:

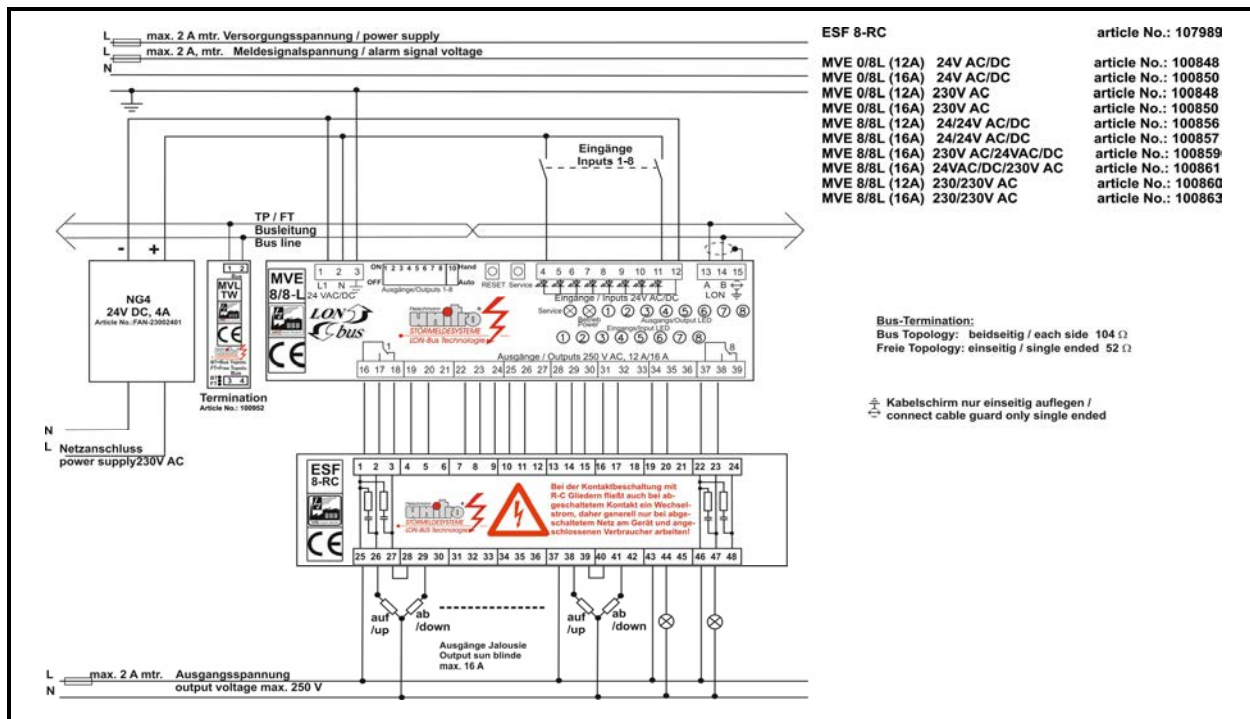
ESF suppression module
for the attenuation of
8 changeover contacts



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. 2,5mm²
- Switching voltage and current:
230V AC, 16A
- Type connection:
16x R-C elements
with 10Ω, 0,22μF
- Isolation voltage:
groups between the suppressor
2000V_{rms}
- 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

