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New switch disconnectors with Sitor fuses for semiconductor protection

Siemens expands its 3KF switch disconnector series with versions featuring Sitor fuses for semiconductor protection. Switch disconnectors are used to safely switch on and off electric equipment under load. They protect systems in the event of short circuit and prevent dangerous electrical shocks, e.g. during maintenance work. Compared to switch disconnectors with LV HRC fuses, the new versions with Sitor fuses are even faster. This prevents damage to very sensitive electronic components, e.g. in frequency converters, UPS systems and soft starters for motors. Moreover, the new series excels through streamlined heat dissipation. As a result, the switch disconnectors with Sitor fuses can be used even at high load currents.

3KF switch disconnectors with fuses fulfill all requirements of a main switch, emergency stop or repair switch. In case of system malfunctions, they protect the operating personnel from electrical accidents and can be used in floor distributions for network disconnection. Padlocks for front or side wall operating mechanisms protect against unauthorized switching. Terminal covers prevent direct contact with live components. Plug-on phase barriers protect against arcing. Optimal fuse monitoring indicates tripped fuses for an immediate response.

The 3KF switch disconnectors with Sitor fuses (LV HRC design) are suitable for AC applications up to 690 volts and DC applications up to 440 volts. Siemens offers the switch disconnectors in five sizes for applications of 32 amps (A) up to 800 amps, all of which are available in three- and four-pole designs. The units can be easily installed, and additional functions can be retrofitted at any time. The switch disconnectors can be attached to mounting plate or by snapping them onto standard mounting rails. Connection is made through box terminals or flat connections. The integrated test function verifies the correct cabling of the control circuits.

This press release and a press picture are available at

www.siemens.com/press/PR2018030217EMEN

For more information about the Energy Management Division please visit

www.siemens.com/energy-management

For more information about switch disconnectors please visit

www.siemens.com/switching-devices

More information about the Light+Building can be found at:

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