

# Protection Equipment

## Overload Relays

### Introduction



Type **3RU21**

#### SIRIUS overload relays up to 80 A

##### Applications

- System protection ✓<sup>1)</sup>
- Motor protection ✓
- Alternating current, three-phase ✓
- Alternating current, single-phase ✓
- Direct current ✓

**Size contactor** S00, S0, S2

##### Rated operational current $I_e$

- Size S00 A Up to 16
- Size S0 A Up to 40
- Size S2 A Up to 80

**Rated operational voltage  $U_e$**  V 690 AC

**Rated frequency** Hz 50/60

**Trip class** CLASS 10, 10A

**Thermal overload releases** A 0.11 ... 0.16 up to  
A 70 ... 80

**Electronic overload releases** A --

##### Accessories

For sizes	S00	S0	S2
Terminal supports for stand-alone installation	✓	✓	✓
Mechanical RESET	✓	✓	✓
Cable releases for RESET	✓	✓	✓
Electrical remote RESET	✓	✓	✓
Terminal covers			
• Ring terminal lug connections	✓ <sup>2)</sup>	✓ <sup>2)</sup>	--
• For box terminals	--	--	✓
Sealable covers for setting knobs	✓	✓	✓

✓ Has this function or can use this accessory

-- Does not have this function or cannot use this accessory

<sup>1)</sup> The units are responsible in the main circuit for overload protection of the assigned electrical loads (e.g. motors), feeder cable, and other switching and protection devices in the respective load feeder.

<sup>2)</sup> Terminal covers for ensuring finger-safe touch protection are available for 3RU21 overload relays with ring terminal lug connections for mounting onto contactors.