

Relay Output Module 16 x 230 V UC

(6ES5 458-7LC11)

Terminal Assignment

Technical Specifications

Number of outputs 16
- contact bridge Varistor SIOV-S07-K275
- galvanic isolation yes
- in groups of 4 outputs
- relay type MSR
V23061-B1007-A401

Switching capacity of the contacts
- resistive load 5.0 A at 250 V AC
5.0 A at 30 V DC
0.4 A at 110 V DC
- inductive load 1.5 A at 250 V AC
1.0 A at 30 V DC
0.08 A at 110 V DC

Switching frequency
- resistive load max. 10 Hz
- inductive load 2 Hz

Permiss. current load on relay contacts
- one relay per root 5 A/contact
- two relays " " 4 A/contact
- three " " " 2.5 A/contact
- four " " " 2 A/contact

Number of contact operating cycles according to VDE 0660, Part 200
- 11 DC 1.5 x 10⁶ (AC)
0.5 x 10⁶ (DC)

Supply voltage L+/- (for relay)
- rated value 24 V DC
- permissible range 20 to 30 V
- surge voltage at t<0.5 sec. 35 V
- ripple max. 3.6 V

Cable length
- shielded 1000 m (3281 ft.)
- unshielded 300 m (984 ft.)

Isolation rating according to VDE 0160

Rated isolation voltage (contacts to L+) 250 V AC
- isolation group C
- tested at 1500 V AC

Rated isolation voltage (contacts to M) 250 V AC
- isolation group C
- tested at 1500 V AC

Current consumption
- from 5 V (internal) max. 50 mA(+4 mA per active channel)
- from L+ (for relay) 16 mA per active channel

Power losses of the module typ. 6.5 W

Weight approx. 0.8 kg (1.76 lb.)