


Type	3RP25	3RP20	7PV15	3RT19
Timing relays				
Enclosure:				
• 17.5 mm industry and household equipment installation	✓	--	✓	--
• 22.5 mm industry	✓	--	--	--
• 45 mm industry	--	✓	--	--
• For contactor sizes S0 to S12	--	--	--	✓
Monofunction	✓	✓	✓	✓
Multifunction	✓	✓	✓	--
Monovoltage	--	--	--	✓
Combination voltage	✓	✓	✓	--
Wide voltage range	✓	✓	✓	--
Application:	--	--	--	--
• Control systems and mechanical engineering	✓	✓	✓	✓
• Infrastructure	--	--	✓	--
• Mounting onto contactors	--	–	--	✓
Page	10/40	10/57	10/63	10/69

✓ Corresponds to or possible

-- Does not correspond to or not possible








Type	3UG451., 3UG461.	3UG463.	3RR21, 3RR22, 3UG4621, 3UG4622	3UG4641	3UG4625 with 3UL23	3UG458.	3UG4501	3UG4651	Page
Monitoring relays									
Line monitoring	✓	--	--	--	--	--	--	--	10/94
Voltage monitoring	--	✓	--	--	--	--	--	--	10/99
Current monitoring	--	--	✓	--	--	--	--	--	10/76, 10/102
Active current monitoring	--	--	3RR22 ✓	✓	--	--	--	--	10/76, 10/105
Power factor monitoring	--	--	--	✓	--	--	--	--	10/105
Residual current monitoring	--	--	--	--	✓	--	--	--	10/108
Insulation monitoring	--	--	--	--	--	✓	--	--	10/114, 10/117
Level monitoring	--	--	--	--	--	--	✓	--	10/122
Speed monitoring	--	--	--	--	--	--	--	✓	10/126

✓ Available

-- Not available

Introduction







Type	3UG481.	3UG4832	3RR24	3UG4822	3UG4841	3UG4825 with 3UL23	3UG4851	Page
Monitoring relays for IO-Link								
Line monitoring	✓	--	--	--	--	--	--	10/134
Voltage monitoring	--	✓	--	--	--	--	--	10/137
Current monitoring	--	--	✓	✓	--	--	--	10/86, 10/140
Power factor and active current monitoring	--	--	✓	--	✓	--	--	10/86, 10/143
Residual current monitoring	--	--	--	--	--	✓	--	10/147
Speed monitoring	--	--	--	--	--	--	✓	10/150

✓ Available
-- Not available




Type	3RS10, 3RS11, 3RS20, 3RS21	3RS14, 3RS15	3RN1	3RS17	Page
Temperature monitoring relays					
Temperature monitoring	✓	--	--	--	10/158, 10/161, 10/164
Temperature monitoring relays for IO-Link					
Temperature monitoring for IO-Link	--	✓	--	--	10/173, 10/176
Thermistor motor protection					
Thermistor motor protection	--	--	✓	--	10/179
Signal converters					
Single-range converters	--	--	--	✓	10/188
Multi-range converters	--	--	--	✓	10/188
Universal converters	--	--	--	✓	10/188

✓ Available
-- Not available

Connection methods

The monitoring and control devices are available with screw or spring-type terminals.

Screw terminals

Spring-type terminals

The terminals are indicated in the corresponding tables by the symbols shown on orange backgrounds.

"Increased safety" type of protection EEx e/d according to ATEX directive 94/9/EC

The communication-capable, modularly designed SIMOCODE pro motor management system (SIRIUS Motor Management and Control Devices) protects motors of types of protection EEx e and EEx d in potentially explosive areas.

ATEX approval for operation in areas subject to explosion hazard

The SIRIUS 3RN1 thermistor motor protection relay for PTC sensors is certified according to ATEX Ex II (2) G and D for environments with explosive gas or dust loads.

The SIRIUS SIMOCODE pro 3UF7 motor management system is certified for the protection of motors in areas subject to explosion hazard according to

- ATEX Ex I (M2); equipment group I, category M2 (mining)
- ATEX Ex II (2) GD; equipment group II, category 2 in area GD.