

Main Protection

Non-Directional Overcurrent Protection - Argus 7SR21

| Product description | Variants | Order No. |
|---|---------------------------------------|---|
| Non Directional Overcurrent (Argus) | | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 7 S R 2 1 0 □ - 1 □ A □ □ - 0 □ A 0 |
| <u>Protection Product Family</u> Overcurrent – Non Directional | | ↑ 1 |
| <u>Relay Type</u> | | ↑ 0 |
| <u>Housing, I/O and Fascia ¹⁾</u> E6 housing, 4 CT, 9 Binary Inputs / 8 Binary Outputs, 8 LEDs | | ↑ 2 |
| E8 housing, 4 CT, 19 Binary Inputs / 16 Binary Outputs, 16 LEDs | | ↑ 3 |
| E8 housing, 4 CT, 19 Binary Inputs / 16 Binary Outputs, 8 LEDs + 6 keys | | ↑ 4 |
| <u>Measuring Input</u> 1/5 A, 50/60Hz | | ↑ 1 |
| <u>Auxiliary voltage</u> DC 30 to 220 V binary input threshold DC 19V DC 30 to 220 V, binary input threshold DC 88V | | ↑ A B |
| <u>Communication Interface</u> Standard version – included in all models, USB front port, RS485 rear port | | ↑ 1 |
| Standard version – plus additional rear F/O ST connectors (x2) and IRIG-B | | ↑ 2 |
| Standard version – plus additional rear RS485 and IRIG-B | | ↑ 3 |
| Standard version – plus additional rear RS232 and IRIG-B | | ↑ 4 |
| Standard version – plus additional rear Electrical Ethernet RJ45 (x2) | | ↑ 7 7 |
| Standard version – plus additional rear Optical Ethernet Duplex (x2) | | ↑ 8 7 |
| <u>Protocol</u> IEC 60870-5-103 and Modbus RTU (user selectable) | | ↑ 1 |
| IEC 60870-5-103 and Modbus RTU and DNP 3.0 (user selectable) | | ↑ 2 |
| IEC 60870-5-103 and Modbus RTU and DNP 3.0 (user selectable) and IEC61850 | | ↑ 7-8 7 |
| <u>Protection Function Packages</u> Standard version - included in all models | | ↑ C |
| 37 | Undercurrent | |
| 46BC | Broken conductor/load unbalance | |
| 46NPS | Negative phase sequence overcurrent | |
| 49 | Thermal overload | |
| 50 | Instantaneous phase fault overcurrent | |
| 50AFD | Arc Flash Detector | |
| 50BF | Circuit breaker fail | |
| 50G/50N | Instantaneous earth fault | |
| 51 | Time delayed phase fault overcurrent | |
| 51G/51N | Time delayed earth fault/SEF | |
| 60CTS-I | CT supervision | |
| 64H | High impedance REF | |
| 74TC/CCS | Trip and close circuit supervision | |
| 81HBL2 | Inrush restraint | |
| | Cold load pickup | |
| | Programmable logic | |
| Standard version - plus | | ↑ D |
| 79 | Autoreclose | |
| <u>Additional Functionality</u> No Additional Functionality | | ↑ A |

Protection
Reyrolle

1) 4CT is configured as 3PF + EF/SEF (user selectable setting).