



## Managed Modular DIN Rail Mount Switches



| Modules: Multimode |                      |             |  |
|--------------------|----------------------|-------------|--|
| Type               | Part No.             | Order No.   | Ports/Features   |
| MM                 | MM2-2FXM2            | 943 718-101 | 2 x 100 Mbit/s MM SC   |
| MM                 | MM3-4FXM2            | 943 764-101 | 4 x 100 Mbit/s MM SC   |
| MM                 | MM3-4FXM4            | 943 835-101 | 4 x 100 Mbit/s MM ST   |
| MM                 | MM3-1FXM2/3TX1       | 943 839-101 | 1 x 100 Mbit/s MM SC, 3 x RJ45   |
| MM                 | MM3-2FXM4/2TX1       | 943 837-101 | 2 x 100 Mbit/s MM ST, 2 x RJ45   |
| MM                 | MM3-4FLM4            | 943 760-101 | 4 x 10 Mbit/s MM ST  |
| MM                 | MM3-2FXM2/2TX1       | 943 761-101 | 2 x 100 Mbit/s MM SC, 2 x RJ45   |
| MM                 | MM3-2FXM2/2TX1-EEC   | 943 761-151 | 2 x 100 Mbit/s MM SC, 2 x RJ45, ext. temperature range                           |
| MM                 | MM3-1FXM2/1FXS2/2TX1 | 943 929-101 | 2 x 100 Mbit/s SC (1 x MM and 1 x SM), 2 x RJ45                                  |
| MM                 | MM2-4FXM3            | 943 721-101 | 4 x 100 Mbit/s MM MTRJ   |
| MM                 | MM2-2FXM3/2TX1       | 943 720-101 | 2 x 100 Mbit/s MM MTRJ, 2 x RJ45   |
| SFP                | MM20-Z6Z6Z6Z6SAHH    | 943 938-001 | 4 x 100 Mbit/s SFP sockets (SFPs are sold separately), for MS20, MS30 and MS4128 |

| Modules: Singlemode |                    |             |  |
|---------------------|--------------------|-------------|--|
| Type                | Part No.           | Order No.   | Ports/Speed  |
| SM                  | MM2-2FXS2          | 943 719-101 | 2 x 100 Mbit/s SM SC   |
| SM                  | MM3-2FXS2/2TX1     | 943 762-101 | 2 x 100 Mbit/s SM SC, 2 x RJ45   |
| SM                  | MM3-2FXS2/2TX1-EEC | 943 762-151 | 2 x 100 Mbit/s SM SC, 2 x RJ45, ext. temperature range                           |
| SM                  | MM3-1FXS2/3TX1     | 943 838-101 | 1 x 100 Mbit/s SM SC, 3 x RJ45   |
| SM                  | MM3-4FXS2          | 943 836-101 | 4 x 100 Mbit/s SM SC   |
| SM                  | MM3-1FXL2/3TX1     | 943 763-101 | 1 x 100 Mbit/s SM, SC Long Haul, 3 x RJ45  |
| SM                  | MM3-1FXLH/3TX1     | 943 930-101 | 1 x 100 Mbit/s SM SC Long Haul+, 3 x RJ45  |
| SM                  | MM3-1FXS2/3TX1-EEC | 943 838-151 | 1 x 100 Mbit/s SM SC, 3 x RJ45, ext. temperature range                           |
| SFP                 | MM20-Z6Z6Z6Z6SAHH  | 943 938-001 | 4 x 100 Mbit/s SFP sockets (SFPs are sold separately), for MS20, MS30 and MS4128 |

| Modules: Gigabit |             |             |   |
|------------------|-------------|-------------|---|
| Type             | Part No.    | Order No.   | Ports/Speed   |
| Gigabit          | MM4-2TX/SFP | 943 622-001 | 2 x Gigabit RJ45/SFP combo ports for use with MS30 and MS4128 |
| Gigabit          | MM4-4TX/SFP | 943 010-001 | 4 x Gigabit RJ45/SFP combo ports for use with MS4128 only     |

| Modules: Special Purpose |                         |             |   |
|--------------------------|-------------------------|-------------|---|
| Type                     | Part No.                | Order No.   | Ports/Speed   |
| Realtime                 | MM23-T1T1T1T1SAAH PTPv2 | -           | IEEE1588 Version 2 PTP module, 4 x 10/100 RJ45, replacement for 943 117-001                       |
| Realtime                 | MM23-M2M2T1T1SAAH PTPv2 | -           | IEEE1588 Version 2 PTP module, 2 x multimode, SC sockets, replacement for 943 117-002             |
| Realtime                 | MM23-S2S2T1T1SAAH PTPv2 | -           | IEEE1588 Version 2 PTP module, 2 x singlemode, SC sockets, replacement for 943 117-003            |
| Realtime                 | MM23-F4F4T1T1SAAH PTPv2 | -           | IEEE1588 Version 2 PTP module, 2 x multimode, ST sockets, replacement for 943 117-004             |
| Realtime                 | MM33-O7079999SA PTPv2   | -           | IEEE1588 Version 2 PTP module, SFP sockets  |
| Realtime                 | MM3-4TX1-RT-EEC         | 943 955-001 | 4 x RJ45, railway certifications EN 50155, EN 50121-4, IEEE 1588 Version 1                        |
| Realtime                 | MM3-2FXM2/2TX1-RT-EEC   | 943 955-002 | 2 x 100 Mbit/s MM SC, 2 x RJ45, IEEE 1588 Version 1, railway certifications EN 50155, EN 50121-4  |
| Realtime                 | MM3-2FXS2/2TX1-RT-EEC   | 943 955-003 | 2 x 100 Mbit/s SM SC, 2 x RJ 45, IEEE 1588 Version 1, railway certifications EN 50155, EN 50121-4 |
| AUI                      | MM20-A8A89999SAHH       | 943 840-101 | 2 x AUI SUB-D 15-pin male D-sub   |
| M12                      | MM3-4TX5                | 943 841-101 | 4 x M12 socket (D-code), for connectors see OCTOPUS family  |
| PoE                      | MM22-T1T1T1T1SAAH       | 943 938-002 | 4 x RJ45 PoE (external PoE power supply)  |
| SFP                      | MM20-Z6Z6Z6Z6SAHH       | 943 938-001 | 4 x 100 Mbit/s SFP sockets (SFPs are sold separately), for MS20, MS30 and MS4128                  |