

MI8O2 - MI8O4



INPUT/OUTPUT EXPANSION UNITS

Input/output expansion unit. With 8 digital inputs and 2 (MI8O2) or 4 (MI8O4) pairs OSSD safety outputs. MI8O4 allows to configure the safety output as single channel.

APPLICATION EXAMPLE

To provide more inputs and outputs for a smaller machinery connecting for example extra safety sensors and/or e-stops buttons and to control 2 extra actuators.



- DIGITAL INPUTS
8
- SAFETY OUTPUTS
2 pairs OSSD (MI8O2)
4 single OSSD or 2 pairs OSSD (MI8O4)
- EDM/RESTART
2 (MI8O2)
4 (MI8O4)
- TEST OUTPUTS
4
- STATUS OUTPUTS
2 (MI8O2)
4 (MI8O4)

TECHNICAL FEATURES

Digital inputs	8 digital inputs
Safety outputs	2 pairs OSSD - PNP 400 mA output current (MI8O2) 4 single OSSD (or 2 pairs) - PNP 400 mA output current (MI8O4)
EDM	2 (MI8O2) or 4 (MI8O4) inputs for Start/Restart interlock and external device monitoring (EDM)
Status outputs	2 (MI8O2) or 4 (MI8O4) programmable digital signal outputs - PNP 100 mA output current
Test outputs	4 test outputs for sensor monitoring
LED signalling	Input/output status and fault diagnostics
Connection to M1	Via MSC connector (included)

PART NUMBERS

Code	Description
1100010	MI8O2 Expansion unit - Screw terminal blocks
1100110	MI8O2C Expansion unit - Clamp terminal blocks
1100011	MI8O4 Expansion unit - Screw terminal blocks
1100111	MI8O4C Expansion unit - Clamp terminal blocks
1100079	CPM - Polarizing keys for Mosaic connectors

MI8 - MI16

INPUT EXPANSION UNITS

Input expansion units with 8 (MI8) or 16 (MI16) digital inputs increase the number of inputs of an M1 Master unit.

APPLICATION EXAMPLE

To provide more inputs for a smaller machinery connecting for example extra safety sensors and/or e-stops buttons.



- DIGITAL INPUTS
8 (MI8)
16 (MI16)
- TEST OUTPUTS
4

TECHNICAL FEATURES

Digital inputs	8 digital inputs
Test outputs	4 test outputs for sensor monitoring
LED signalling	Input/output status and fault diagnostics
Connection to M1	Via MSC connector (included)

PART NUMBERS

Code	Description
1100020	MI8 Expansion unit - Screw terminal blocks
1100120	MI8C Expansion unit - Clamp terminal blocks
1100021	MI16 Expansion unit - Screw terminal blocks
1100121	MI16C Expansion unit - Clamp terminal blocks
1100079	CPM - Polarizing keys for Mosaic connectors