This function block ensures the 90°/ 180° / 270° rotation of a load between two conveyors by controlling the rotation speed of the load, as well as its speed, and the transfer sequence from one conveyor to another.

**Benefits**

**Traceability**
- Handling of merchandise tracking information

**Safety and security**
- Numerous safety and security interfaces are integrated such as for the protection of automation equipment, zone emergency stops, local emergency stops and operating mode

**Number of operating modes**
- Automatic
- Manual
- Local
Operating principle
The function blocks are able to determine the status of both the conveyor and the next conveyors to ensure optimum traceability as well as the startup or shutdown of load transfer. They provide alarm information and errors reported in an Human Machine Interface to assist the operator in taking corrective measures.

Characteristics
Function blocks are designed to be used with SoMachine controllers on CANopen and with the distributed Advantys OTB input/output modules. Error reporting takes place using the XBT GT graphical terminal offer.

Typical applications
Conveying
• Turntable

Efficiency:
• Simple Conveying
  Distributed / CANopen / Logic controller / M238
• Optimized Conveying
  Distributed / CANopen / Logic controller / M238
• Performance Conveying
  Distributed / CANopen / Logic controller / M258

Typical architectures
Efficiency:
• Simple Conveying
  Distributed / CANopen / Logic controller / M238
• Optimized Conveying
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• Performance Conveying
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As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication.
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