SM560-S Safety CPU module

Ideal for Functional Safety applications in:
- Cranes
- Hoists
- Conveyors
- Lifts
- Escalators
- Robots
- Wind turbines
- Stagecraft systems

Features
- Supports SIL3 (IEC 61508, IEC 62061) and PLe (ISO 13849-1)
- Address/configuration switch on the safety CPU allows flexible configuration concept in machinery
- Safety CPU could be configured to work even if the non-safety CPU goes to STOP mode or during online changes
- Extreme condition (XC) version for harsh environments
- Failure of a PROFINET/PROFIsafe device will not STOP the safety CPU
- One diagnostic system for safety and non-safety CPU
- Easy cloning of projects (program & configuration) using SD card and password protection
- Direct connection to PROFINET/PROFIsafe safety components saves I/O modules and eliminates wiring efforts
- Trigonometric functions with powerful Structured Text programming editor in addition to Ladder (LD) and Function Block Diagram (FBD)

<table>
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<tr>
<th>Order Codes</th>
<th>Product Description</th>
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<tbody>
<tr>
<td>1SAP 280 000 R0001</td>
<td>Standard SM560-S CPU</td>
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<tr>
<td>1SAP 380 000 R0001</td>
<td>Extreme condition SM560-S-XC CPU</td>
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