



PRODUCT-DETAILS

3BSE018173R1

SM811K01 Safety CPU module



General Information	
Product ID	3BSE018173R1
ABB Type Designation	SM811K01
Catalog Description	SM811K01 Safety CPU module
Long Description	High integrity, certified for SIL3. Requires configuration according toSafety Manual. Local organizations must comply with the Qualificationsto secure successful sales of ABB safety systems, to order safetyequipment.Collaborting safety CPU with the PM865. Connects to CEX bus after BC810CEX bus interconnection box. Including:- SM811, Safety Module- TP868, Baseplate- TK852V10, Synchronization link cableNote! This part is not RoHS 2 2011/65/EU compliant.This is a spare part for systems placed on the market before July 22,2017 and may only be ordered for repair, reuse, updating offunctionalities or upgrading of capacity.For new installations, please order SM812K01 instead."

Additional Information	
Medium Description	High integrity, certified for SIL3. Requires configuration according toSafety Manual. Local organizations must comply with the Qualificationsto secure successful sales of ABB safety systems, to order safetyequipment.Collaborting safety CPU with the PM865. Connects to CEX bus after BC810CEX bus interconnection box. Including:- SM811, Safety Module- TP868, Baseplate- TK852V10, Synchronization link

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Product Type	Central_Unit
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Ordering

HS Code	853710-- Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 85.35 or 85.36, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus, other than switching apparatus of heading 85.17.- For a voltage not exceeding 1,000 V
Customs Tariff Number	85371091

Dimensions

Product Net Depth / Length	127.5 mm
Product Net Height	185 mm
Product Net Width	59 mm
Product Net Weight	0.6 kg

Environmental

RoHS Status	Not RoHs Compliant
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
Number of Batteries	0
SCIP	f8e94e64-57db-4c21-8b39-3ca5932c608a Sweden

Categories

- Control System Products → Control & Communication → AC 800M → AC 800M - High Integrity → SM811 Safety CPU modules → SM811K01 Safety CPU module
- Control Systems → 800xA → Controllers → AC 800M Hardware → AC 800M Hardware 5.0 → Central Units
- Control Systems → 800xA → Controllers → AC 800M Hardware → AC 800M Hardware 5.1 → Central Units
- Control Systems → 800xA → System → 800xA System → 800xA 6.0 System → Central Units
- Control Systems → 800xA → Controllers → AC 800M Hardware → AC 800M Hardware 4.1 → Central Units
- Control Systems → 800xA → Controllers → AC 800M Hardware → AC 800M Hardware 5.0 → Central Units
- Control Systems → 800xA → Controllers → AC 800M Hardware → AC 800M Hardware 5.1 → Central Units

