3BSE088385R1

PM857K01 Processor Unit HI

General Information

Product ID	3BSE088385R1
ABB Type Designation	PM857K01
Catalog Description	PM857K01 Processor Unit HI
	High integrity, certified for SIL3. Requires configuration according to Safety Manual. Local organizations must comply with the Qualifications to secure successful sales of ABB safety systems, to order safety equipment.
Long Description	96MHz and 32MB. Max 128 I/O signals. Package including: - PM857, Safety CPU - TP830, Baseplate - TB850, CEX-bus terminator - TB807, ModuleBus terminator - TB852, RCU-Link terminator - Battery for memory backup (4943013-6) - No license included. Only compatible with 800xA 6.1, Control Builder Safe 3 and onwards. Please see Product Update for more information.

Additional Information

Medium Description	High integrity, certified for SIL3. Requires configuration according to Safety Manual. Local organizations must comply with the Qualifications to secure successful sales of ABB safety systems, to order safety equipment. 96MHz and 32MB. Max 128 I/O signals. Package including: - PM857, Safety CPU - TP830, Baseplate - TB850, CEX-bus terminator - TB807, ModuleBus

terminator - TB852, RCU-Link terminator - Battery for memory backup (4943013-6) - No license included. Only compatible with 800xA 6.1, Control Builder Safe 3 and onwards. Please see Product Update for more information.

Product Type	Central_Unit

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	135 mm
Product Net Height	186 mm
Product Net Width	119 mm
Product Net Weight	1.2 kg

Classifications

Dangerous Goods UN Classification	Class 9: Miscellaneous Dangerous Substances and Articles, Including Environmentally Hazardous Substances
Dangerous Goods UN Number	UN3091-PI970

Environmental

RoHS Status	Following EU Directive 2011/65/EU
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
Number of Batteries	1
Battery Chemical Composition	Lithium
Battery Type	Portable
Battery Weight	9 g

Categories

Control System Products → Control & Communication → AC 800M → AC 800M - High Integrity → PM857 Processor Units → PM857K01 Processor Unit HI

Control Systems → 800xA → Safety Products → AC 800M High Integrity

2023/06/10   Subject to change without notice