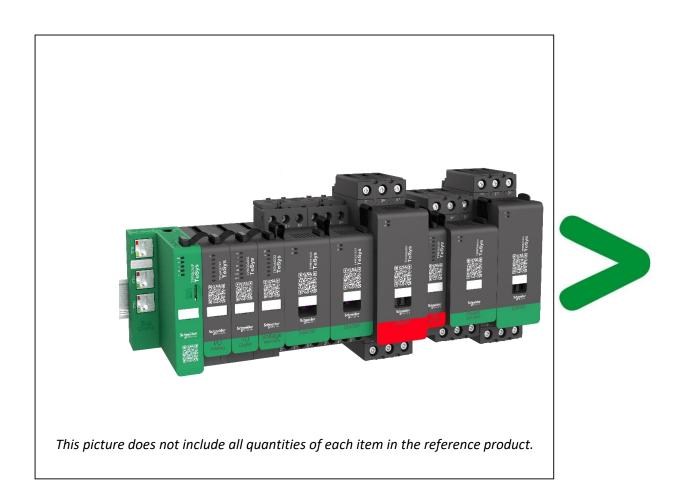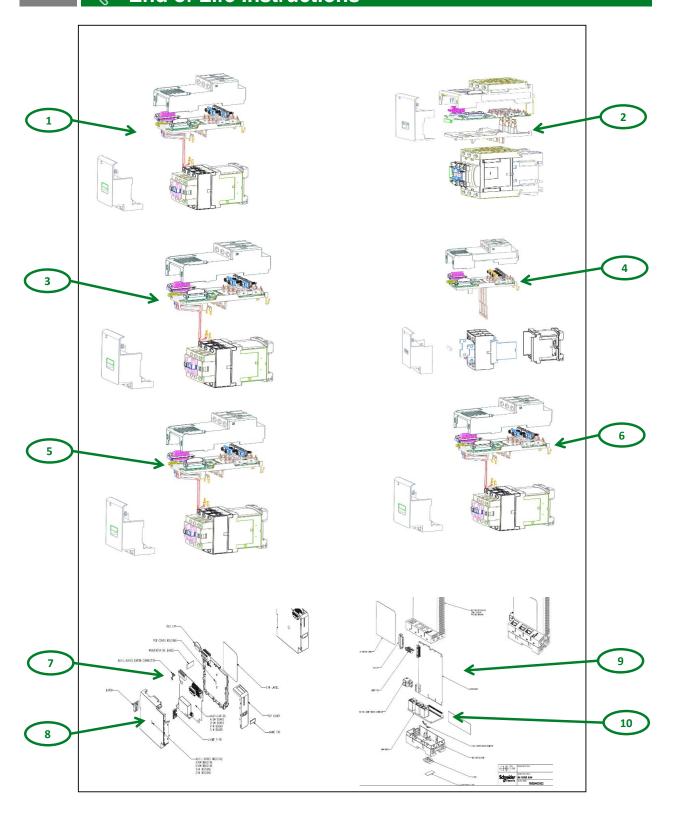# Product End of Life Instructions

TeSys island - Digital multifunctional load management solution up to 80A

This picture does not include all quantities of each item in the reference product.

Schneider Electric

✎ End of Life Instructions

ENVEOLI1904009_V2 - End of Life Instructions -
TeSys island - Digital multifunctional load management solution up to 80A

Recommendation	Number on drawing	Component / Material	Weight (in g)	Comment
To be depolluted	1	Electronic Board (Communication) > 10cm²	25*4	44.5cm^2,TPRST009- QTY 4
To be depolluted	2	Electronic Board (Communication) > 10cm²	32	52cm^2, TPRSS065-QTY 1
To be depolluted	3	Electronic Board (Communication) > 10cm²	25*2	44.5cm^2,TPRSS009 - QTY 2
To be depolluted	4	Electronic Board (Communication) > 10cm²	25	44.5cm^2,TPRPM009 - QTY 1
To be depolluted	5	Electronic Board (Communication) > 10cm²	25	44.5cm^2,TPRST038 - QTY 1
To be depolluted	6	Electronic Board (Communication) > 10cm²	25	44.5cm^2,TPRSS038 - QTY 1
To be depolluted	7	Electronic Board (Communication) > 10cm²	50*7	They are essentially the same PCB except the SIM is the only that includes the Aux Daughterboard
To be depolluted	8	Electronic Board (Communication) > 10cm²	5	9cm^2,TPRSM001- QTY 1
To be depolluted	9	Electronic Board (Communication) > 10cm²	50	90cm^2,TPRBCEIP- QTY 1
To be depolluted	10	Electronic Board (Communication) > 10cm²	20	36cm^2,TPRBCEIP- QTY 1

Product description

Manufacturer identification	Schneider Electric Industries SAS
Brand name	Schneider Electric
Product function	TeSys island is designed to switch, protect, and manage motors and other electrical loads up to 80 (AC3) in an electrical control panel. It includes Ethernet switch, I/O modules, starters, SIL starts, and interfaces. 1.Ethernet Switch: One single 24V DC power supply for the complete island ;Full integration with SoMove/Machine Expert for the programming of the island; Two fieldbus ports for communication with an automation controller ;One service port with an embedded webserver for maintenance. 2. I/O modules: Control of 2 sink/source digital outputs with common point; Control of 4 sink/source digital inputs with common point ;Measurement of voltage, current or temperature on 2 configurable analog inputs;Driving voltage or current source on 1 configurable analog output. 3. Starters: Power and energy monitoring when connected with TPRVM voltage module; Upstream voltage presence detection ;Electrical line and load protection. 4. SIL starters: Safe stop function available when connected with a TPRSM module ;Power and energy monitoring when connected with TPRVM voltage module; Upstream voltage presence detection; Electrical line and load protection. 5. Interfeace: Monitoring of voltages in single phase systems L-N or L-L; Monitoring of voltages in 3-phase systems without neutral N connection; Calculation of RMS phase voltages, voltage phase sequence, fundamental frequency; Identification of dip and swell events level and duration. 6. SIL Interface module: Safe stop with 1NC or 2NC contacts monitoring.
Product reference	TeSys island Bus Coupler Ethernet Switch: TPRBCEIP QTY 1 TeSys island Digital IO Module:TPRDG4X2 QTY3 TeSys island Analog IO Module:TPRAN2X1 QTY2 TeSys island Voltage Interface:TPRVM001 QTY1 TeSys island Starter 9 A / 4 kW:TPRST009 QTY4 TeSys island Starter 38 A / 18,5 kW:TPRST038 QTY1 TeSys island Starter 65 A / 30 kW:TPRST065 QTY1 TeSys island SIL Starter 9 A / 4 kW :TPRSS009 QTY2 TeSys island SIL Starter 38 A / 18,5 kW:TPRSS038 QTY1 TeSys island SIL Starter 65 A / 30 kW:TPRSS065 QTY1 TeSys island SIL Interface:TPRSM001 QTY1 TeSys island Power Interface 9 A / 4 kW:TPRPM009 QTY1
Total representative product mass	8237 g
Representative product dimensions	1260mm x 55mm x 167mm
Accessories	No
Date of information release	08/2019

Additional information

Legal information		This product family is in the scope of European Union directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). The product family must be disposed according to the legislation of the country. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product.
In case of special transportation: transportation method		No
Recyclability potential	**44%**	Based on "ECO'DEEE recyclability and recoverability calculation method" (version V1, 20 Sep. 2008 presented to the French Agency for Environment and Energy Management: ADEME).

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