

Product End of Life Instructions

**Circuit breaker, ComPacT NSX160F, 36kA/415VAC, 4 poles,
MicroLogic Vigi 4.2 trip unit 100A**



Potential disassembly risks

WARNING

HAZARD OF PARTS EJECTION OR HAND CRUSHING

- Trip the circuit breaker up to discharged state before disassembly.
- Observe instructions to disassemble the spring(s).

Failure to follow these instructions can result in death or serious injury.

The information provided in this document assumes that the product is completely de-energized and uninstalled (refer to the instructions provided in the appropriate product manuals).

Dismantling/disassembling the product may entail hazards caused by, for example, sharp edges, chemical aggression or ejected parts.

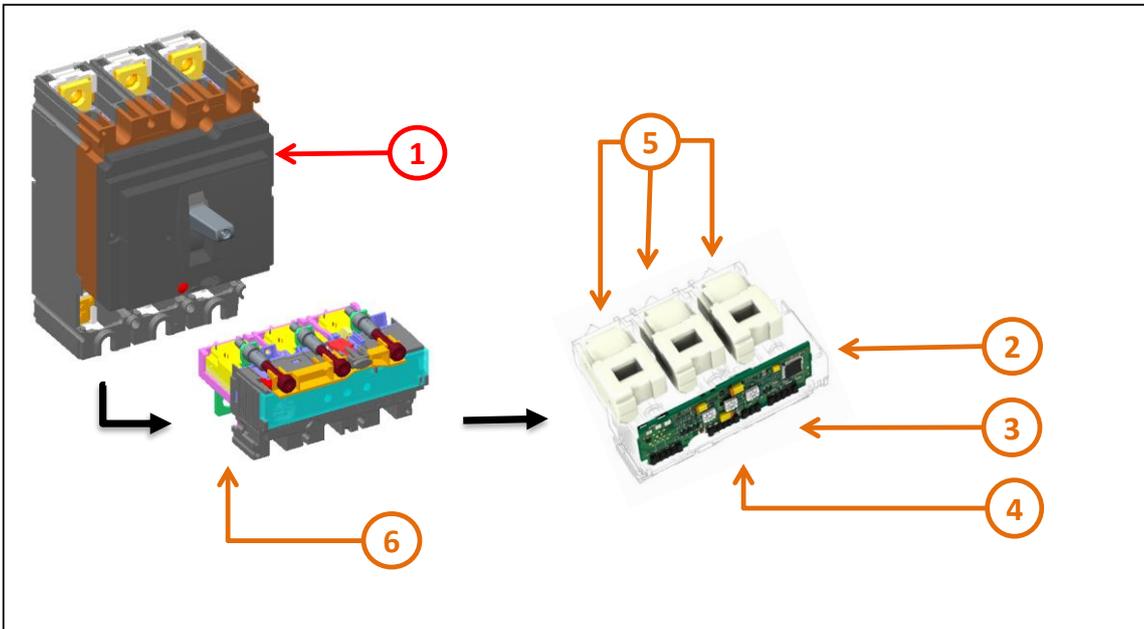
WARNING

HAZARD DUE TO INSUFFICIENT PROTECTION

- Implement all safety measures required by the applicable regulations and by the processes used to dismantle/disassemble and dispose of the product.
- Use all necessary personal protective equipment such as gloves and goggles.

Failure to follow these instructions can result in death or serious injury.

End of Life Instructions



Recommendation	Number on drawing	Component / Material	Weight (in g)	Comment
Potential hazards	1	Breaking Mechanism / Compressed spring	225	For safety reasons, the circuit breaker must be in TRIP position before dismantling. In this position, the spring remains under compression.
To be depolluted	2	Electronic Board (Communication) > 10cm ²	>11	PCB Assembly
To be depolluted	3	Electronic Board (Communication) > 10cm ²	>9.5	PCB Assembly
To be depolluted	4	Electronic Board (Communication) > 10cm ²	>1.5	PCB Assembly
To be depolluted	5	Electronic Board (Communication) > 10cm ²	0.7 x3	PCB Assembly
To be depolluted	6	Plastic Part with Brominated Flame Retardant	24	PCBA Housing

Product description

Manufacturer identification	Schneider Electric Industries SAS
Brand name	Schneider Electric
Product function	The ComPacT NSX 160F 4P circuit breaker equipped with a MicroLogic 4.2 electronic trip unit is designed to provide protection to industrial and commercial electrical distribution systems (with assigned voltage up to 690VAC and rated current up to 100A) against overloads and short-circuits. This electronic trip unit also provides an earth leakage protection to detect and react to ground faults.
Product reference	C16F44V100
Additional similar product references	C16F44V100 C1034A040 C1034A100 C1034V040 C1034V100 C1044A040 C1044A100 C1044B100 C1044V040 C1044V100 C1047A040 C1047A100 C1047E040 C1047E100 C10B34V040 C10B34V100 C10B44B100 C10B44V040 C10B44V100 C10B47E040 C10B47E100 C10F34V040 C10F34V100 C10F44B100 C10F44V040 C10F44V100 C10F47E040 C10F47E100 C10H34V040 C10H34V100 C10H44V040 C10H44V100
Total representative product mass	2635,1 g
Representative product dimensions	161mm (H) x 140mm (L) x 86mm (D)
Accessories	No
Date of information release	12/2023



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	56%	Recyclability rate has been calculated based on REEECY'LAB tool developed by Ecosystem, for components/materials not covered by the tool, data from the "ECO'DEEE recyclability and recoverability calculation method" was taken. If no data was found a conservative assumption was used (0% recyclability).

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