

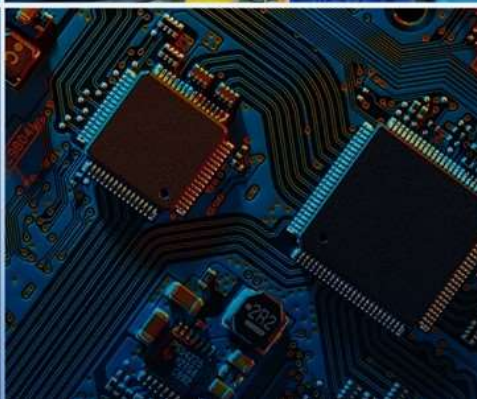
SSW05 Overview



Driving efficiency and sustainability



Class: SSW051
Version: 01.2025



Automation Training

SSW05



SSW05 – COMPACT STARTER

- The SSW05 is WEG's most compact solid-state starter, with control of two motor phases, a built-in bypass, and all the protections for the electric motor. Featuring DSP control (Digital Signal Processor), the SSW05 is designed for optimal motor start and stop performance and excellent cost-effectiveness.
- In addition, they are easily set, simplifying start-up activities and daily operations. Their compact dimensions contribute to optimizing space in electrical panels.



SSW05



MAIN FEATURES

- Current ranges from 3 to 85 A
- Supply voltage from 220 to 460 V ac or from 460 to 575 V ac
- Simple electrical installation.
- Built-in bypass.
- Electronic thermal relay.
- Built-in motor protections.
- Operation in environments up to 55 °C.
- Remote operating interface (HMI) - optional

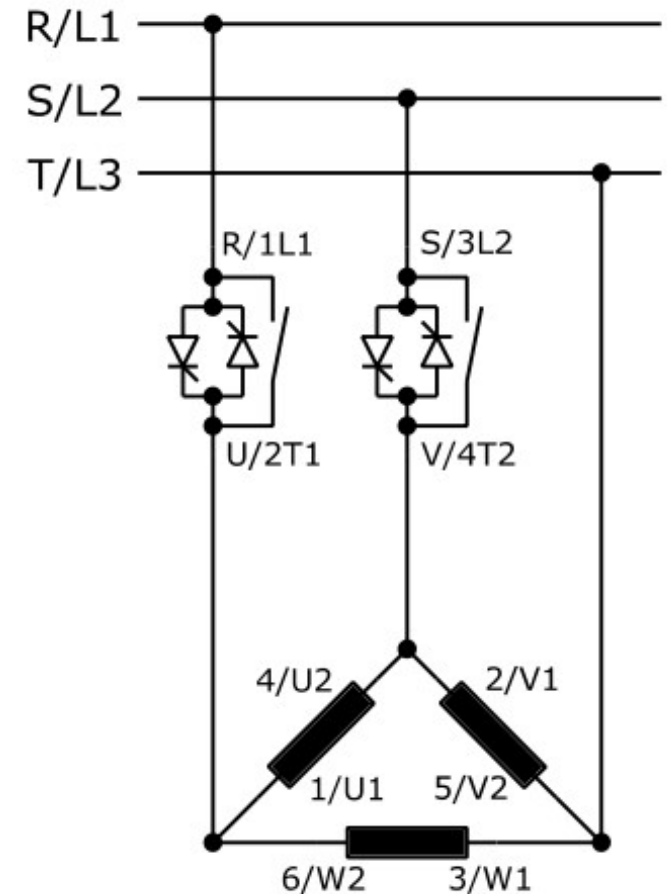


SSW05



CONTROL PHASES

- 2 Phases Controlled
- Not as Precise as controlling all 3 phases.
- 30% Higher than starting with a three-phase starter.
- One phase always has voltage.



SSW05



CONNECTION PORTS

Dip switch to enable/disable the motor protections

Three-phase power supply input

Protection LED indicators

Electronics power supply and digital inputs

Status LED indicators

Pedestal voltage, acceleration and deceleration time, and motor current settings

Connector for serial or remote HMI

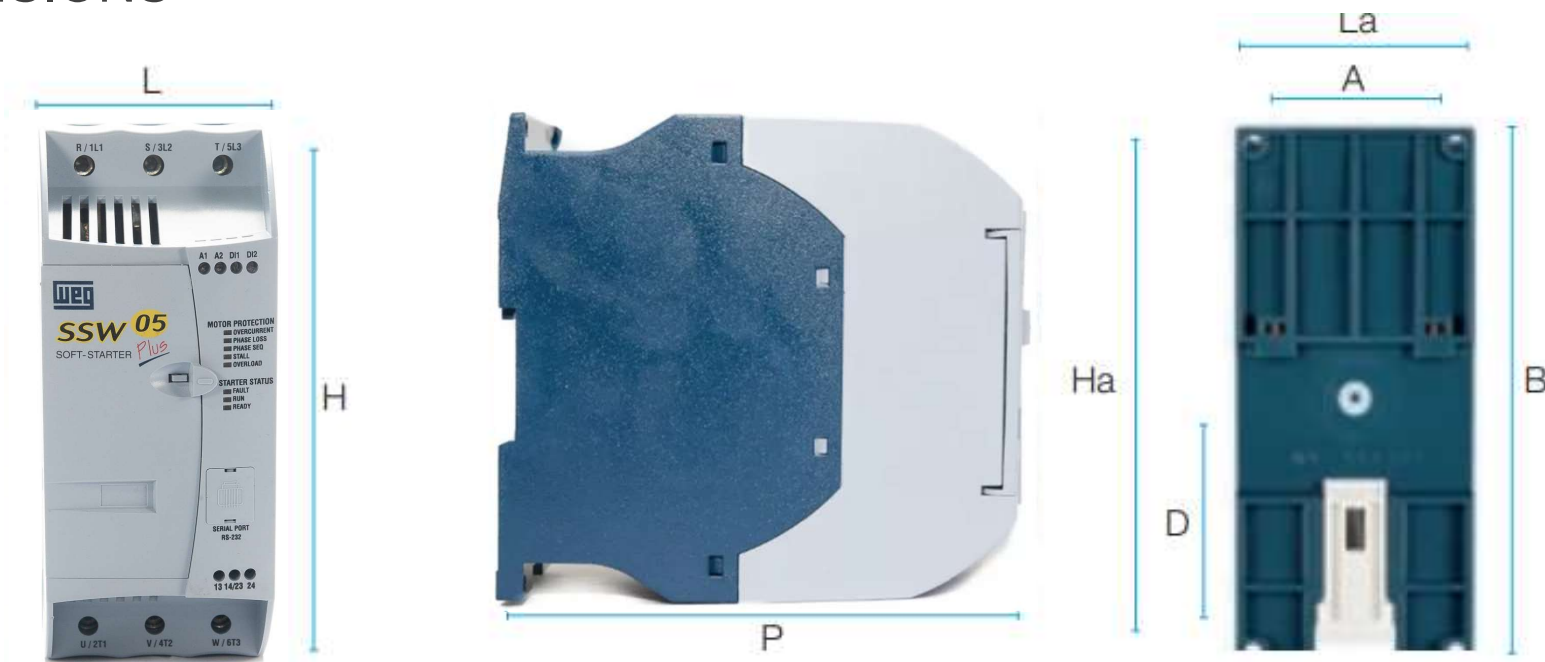
Output to the motor

Digital relay outputs



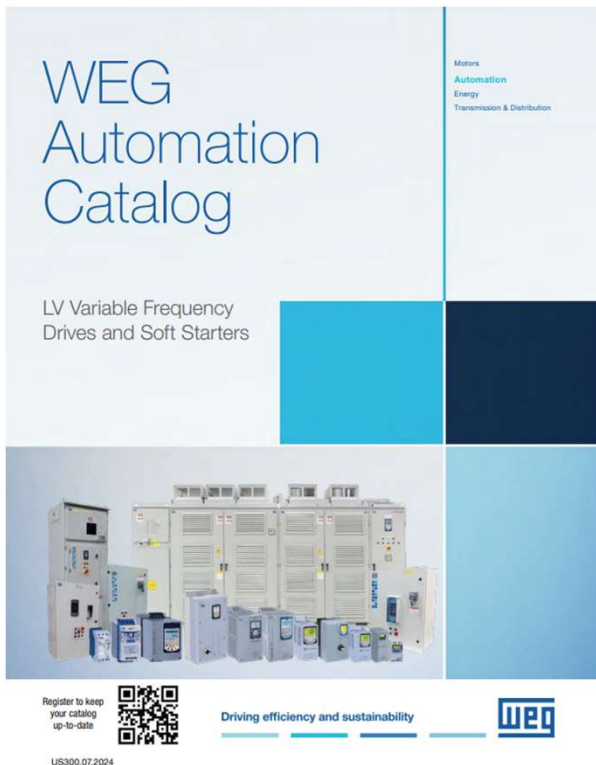
SSW05

DIMENSIONS



Size	Width L (mm)		Height H (mm)		Depth P (mm)	Mounting A (mm)	Mounting B (mm)	Mounting D (mm)	Mounting	Weight (kg)
	L	La	H	Ha						
1	59	60.4	130	130.7	145	51	122	61	M4 Screw/Rail	0.74
2	79	80.4	185	185.7	172	71	177	99	M4 Screw/Rail	1.64

Sizing and Selecting



SSW05 Catalog Number Sequence

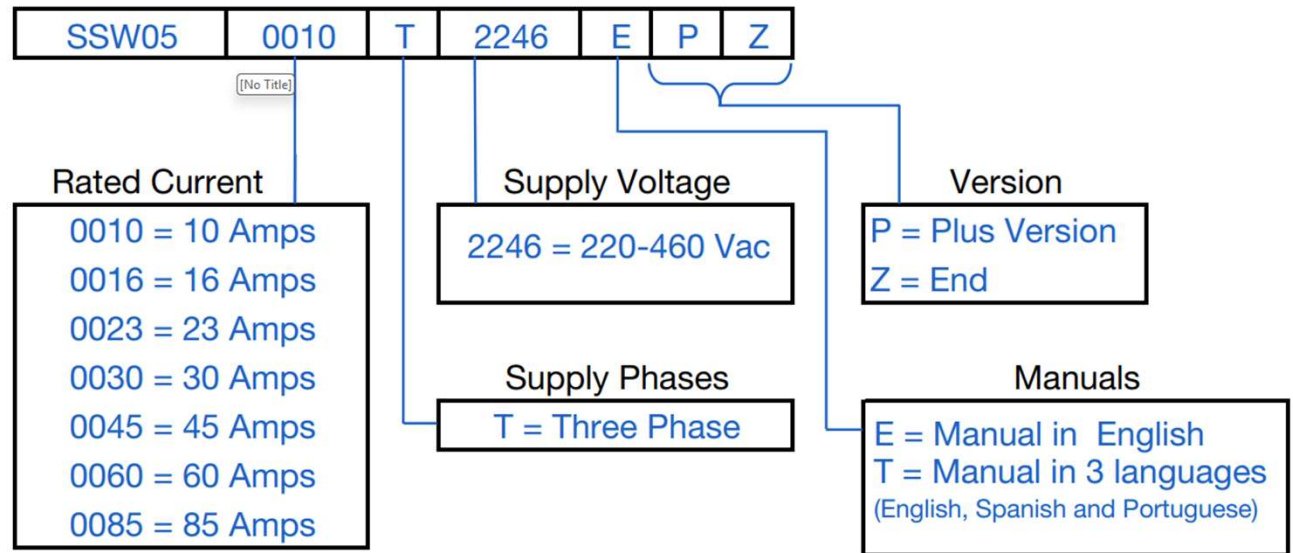


Table intended as reference only and not to create part numbers.

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time and attention.



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