

2301A Load Sharing and Speed Control Models, 9905/9907 Series

Table 1-1. Low-Voltage 2301A Models (20 to 40 Vdc)

Part Number	Actuator Current (mA)	Forward/Reverse Acting	Actuator Tandem/Single	Decel Ramp
9905-020	0–200	Forward	Single	No
9905-021	0–200	Reverse	Single	No
9905-022	0–400	Forward	Single	No
9905-023	0–400	Reverse	Single	No
9905-024	0–200	Forward	Tandem	No
9905-025	0–200	Reverse	Tandem	No
9905-026	0–20	Forward	Single	No
9905-027	0–20	Reverse	Single	No
9905-028	0–200	Forward	Single	Yes
9905-029	0–200	Reverse	Single	Yes
9907-018 *	0–200	Forward	Single	No
9907-019 *	0–200	Reverse	Single	No
9907-023 *	0–200	Forward	Single	No
9907-024 *	0–200	Reverse	Single	No

*—CE Approved models

Table 1-2. High-Voltage 2301A Models (88–132 Vac or 90–150 Vdc)

Part Number	Actuator Current (mA)	Forward/Reverse Acting	Actuator Tandem/Single	Decel Ramp
9905-030	0–200	Forward	Single	No
9905-031	0–200	Reverse	Single	No
9905-032	0–400	Forward	Single	No
9905-033	0–400	Reverse	Single	No
9905-034	0–200	Forward	Tandem	No
9905-035	0–200	Reverse	Tandem	No
9905-036	0–20	Forward	Single	No
9905-037	0–20	Reverse	Single	No
9905-038	0–200	Forward	Single	Yes
9905-039	0–200	Reverse	Single	Yes

IMPORTANT

The 20–40 Vdc input power must be supplied from a power supply/battery charger certified to IEC standard with SELV (Safety Extra Low Voltage) classified output. The installer should properly size wiring and fusing for the input power and PT/CT circuits.

Speed Ranges

On these Woodward 2301A models, any one of the following speed ranges may be selected by a switch:

500 to 1500 Hz	1000 to 3000 Hz
2000 to 6000 Hz	4000 to 12 000 Hz

Power Supply Voltage

These Woodward 2301A controls accept either a high-voltage or a low-voltage power source. The low voltage models operate on 20 to 40 Vdc, and the high voltage models operate on either 88 to 132 Vac or 90 to 150 Vdc. Both the low- and high-voltage models require a power capacity of 15 W minimum.