

WATTMETRIC RELAYS / TORQUE LIMITERS FAMILY

Model	Motor Speed	Insertion	Set Point		Analog Output	Case	Field of Application / Operation
			1	2			
E 404-1	Variable	≤ 40A Direct > 40A External CT	MAX	MAX	YES	DIN Rail 100x75x110 mm	Hoisting (Two motors or a two-speed motor)
E 404-1B + E 413AN	Variable	≤ 40A Direct > 40A External CT	MAX	MAX	YES	DIN Rail 100x75x110 mm	Hoisting for wound-rotor motors
E 491N	Constant	≤ 7A Direct > 7A External CT	MAX / min	/	YES	DIN Rail 106x90x75 mm	Hoisting / Pumps 1 motor Active Power
E 492N	Constant	≤ 7A Direct > 7A External CT	MAX	MAX / min	YES	DIN Rail 106x90x75 mm	Hoisting / Pumps (1 motor) Active Power
W 03	Variable	≤ 7A Direct > 7A External CT	MAX	/	YES	DIN Rail 100x75x110 mm	Grinding / Hoisting / Pumps (1 motor) Active Power, with Variable Speed
W 04N	Constant	≤ 5A Direct > 5A External CT	MAX	/	NO	DIN Rail 106x90x75 mm	Directional Relay Energetic Cogeneration / Generator Parallel
W 05N	Constant	≤ 80A Direct > 80A External CT	MAX	/	YES	DIN Rail 100x75x110 mm	Screw Feeders Shredding
W 05N-Z	Constant	≤ 80A Direct > 80A External CT	MAX	/	NO	DIN Rail 100x75x110 mm	Screw Feeders Shredding Output for external relay
W 16-2	Constant	≤ 80A Direct > 80A External CT	MAX	MAX / min	YES	DIN Rail 100x75x110 mm	Effective Power Pumps
W 17	Variable	≤ 40A Direct > 40A External CT	MAX	MAX	YES	DIN Rail 100x75x110 mm	Hoisting (2 motors) It complies with EN 15011:2011
W 19	Constant	≤ 80A Direct > 80A External CT	MAX	MAX / min	YES	DIN Rail 100x75x110 mm	Grinding Pumps
W 22-1	Constant	≤ 10A Direct > 10A External CT	MAX / min	/	YES	DIN Rail 70x75x110 mm	Grinding / Hoisting / Pumps (1 motor) Active Power
W 22-2	Constant	≤ 10A Direct > 10A External CT	MAX	MAX / min	YES	DIN Rail 70x75x110 mm	Grinding / Hoisting / Pumps (1 motor) Active Power