

WEG UL1077 Miniature Breakers (Supplementary Protectors)



Overview

WEG UL1077 miniature breakers deliver reliable supplementary protection inside equipment and control panels. Built on WEG's proven thermal-magnetic technology, these compact, DIN-rail devices help safeguard power supplies, PLCs, control circuits, and other sensitive loads against overloads and short-circuits—without taking up valuable panel space. Use them downstream of a UL 489 branch-circuit device for targeted, fast fault isolation and quicker maintenance.

Key Benefits

- UL 1077 Listed supplementary protectors for use within equipment
- Thermal-magnetic trip mechanism for dependable overload and short-circuit response
- Compact DIN-rail footprint to maximize panel density and simplify retrofits
- Clear ON/OFF indication and positive trip for easy status checks
- Fast, tool-free installation with standard rail mounting and line/load markings
- Coordinated protection when used downstream of fuses or UL 489 breakers
- Accessory options (such as auxiliaries or lockout solutions) to match your application needs*

**Accessory availability varies by model/series.*

Typical Applications

- Industrial control panels and OEM machinery
- Power supplies, PLC and I/O protection, and instrumentation loops
- Control transformers, relays, solenoids, and small motors
- HVAC and building automation panels
- Conveyors, packaging equipment, and process skids

UMBW Series – 1 Pole

Poles	Ampacity	Catalog (B Curve)	Catalog (C Curve)	Catalog (D Curve)	Maximum Voltage
1	1	UMBW-1B1-1	UMBW-1C1-1	UMBW-1D1-1	277 VAC / 60 VDC
1	1.2	UMBW-1B1-1.2	UMBW-1C1-1.2	UMBW-1D1-1.2	277 VAC / 60 VDC
1	1.5	UMBW-1B1-1.5	UMBW-1C1-1.5	UMBW-1D1-1.5	277 VAC / 60 VDC
1	1.6	UMBW-1B1-1.6	UMBW-1C1-1.6	UMBW-1D1-1.6	277 VAC / 60 VDC
1	2	UMBW-1B1-2	UMBW-1C1-2	UMBW-1D1-2	277 VAC / 60 VDC
1	3	UMBW-1B1-3	UMBW-1C1-3	UMBW-1D1-3	277 VAC / 60 VDC
1	4	UMBW-1B1-4	UMBW-1C1-4	UMBW-1D1-4	277 VAC / 60 VDC
1	5	UMBW-1B1-5	UMBW-1C1-5	UMBW-1D1-5	277 VAC / 60 VDC
1	6	UMBW-1B1-6	UMBW-1C1-6	UMBW-1D1-6	277 VAC / 60 VDC
1	8	UMBW-1B1-8	UMBW-1C1-8	UMBW-1D1-8	277 VAC / 60 VDC
1	10	UMBW-1B1-10	UMBW-1C1-10	UMBW-1D1-10	277 VAC / 60 VDC
1	13	UMBW-1B1-13	UMBW-1C1-13	UMBW-1D1-13	277 VAC / 60 VDC
1	15	UMBW-1B1-15	UMBW-1C1-15	UMBW-1D1-15	277 VAC / 60 VDC
1	20	UMBW-1B1-20	UMBW-1C1-20	UMBW-1D1-20	277 VAC / 60 VDC
1	25	UMBW-1B1-25	UMBW-1C1-25	UMBW-1D1-25	277 VAC / 60 VDC
1	30	UMBW-1B1-30	UMBW-1C1-30	UMBW-1D1-30	277 VAC / 60 VDC
1	35	UMBW-1B1-35	UMBW-1C1-35	UMBW-1D1-35	277 VAC / 60 VDC
1	40	UMBW-1B1-40	UMBW-1C1-40	UMBW-1D1-40	277 VAC / 60 VDC
1	50	UMBW-1B1-50	UMBW-1C1-50	UMBW-1D1-50	277 VAC / 60 VDC
1	60	UMBW-1B1-60	UMBW-1C1-60	UMBW-1D1-60	277 VAC / 60 VDC
1	63	UMBW-1B1-63	UMBW-1C1-63	UMBW-1D1-63	277 VAC / 60 VDC

UMBW Series – 2 Pole

Poles	Ampacity	Catalog (C Curve)	Catalog (D Curve)	Maximum Voltage
2	1	UMBW-1C2-1	UMBW-1D2-1	480Y/277 VAC / 125 VDC (2 poles in series)
2	1.2	UMBW-1C2-1.2	UMBW-1D2-1.2	480Y/277 VAC / 125 VDC (2 poles in series)
2	1.5	UMBW-1C2-1.5	UMBW-1D2-1.5	480Y/277 VAC / 125 VDC (2 poles in series)

2	1.6	UMBW-1C2-1.6	UMBW-1D2-1.6	480Y/277 VAC / 125 VDC (2 poles in series)
2	2	UMBW-1C2-2	UMBW-1D2-2	480Y/277 VAC / 125 VDC (2 poles in series)
2	3	UMBW-1C2-3	UMBW-1D2-3	480Y/277 VAC / 125 VDC (2 poles in series)
2	4	UMBW-1C2-4	UMBW-1D2-4	480Y/277 VAC / 125 VDC (2 poles in series)
2	5	UMBW-1C2-5	UMBW-1D2-5	480Y/277 VAC / 125 VDC (2 poles in series)
2	6	UMBW-1C2-6	UMBW-1D2-6	480Y/277 VAC / 125 VDC (2 poles in series)
2	8	UMBW-1C2-8	UMBW-1D2-8	480Y/277 VAC / 125 VDC (2 poles in series)
2	10	UMBW-1C2-10	UMBW-1D2-10	480Y/277 VAC / 125 VDC (2 poles in series)
2	13	UMBW-1C2-13	UMBW-1D2-13	480Y/277 VAC / 125 VDC (2 poles in series)
2	15	UMBW-1C2-15	UMBW-1D2-15	480Y/277 VAC / 125 VDC (2 poles in series)
2	20	UMBW-1C2-20	UMBW-1D2-20	480Y/277 VAC / 125 VDC (2 poles in series)
2	25	UMBW-1C2-25	UMBW-1D2-25	480Y/277 VAC / 125 VDC (2 poles in series)
2	30	UMBW-1C2-30	UMBW-1D2-30	480Y/277 VAC / 125 VDC (2 poles in series)
2	35	UMBW-1C2-35	UMBW-1D2-35	480Y/277 VAC / 125 VDC (2 poles in series)
2	40	UMBW-1C2-40	UMBW-1D2-40	480Y/277 VAC / 125 VDC (2 poles in series)
2	50	UMBW-1C2-50	UMBW-1D2-50	480Y/277 VAC / 125 VDC (2 poles in series)
2	60	UMBW-1C2-60	UMBW-1D2-60	480Y/277 VAC / 125 VDC (2 poles in series)
2	63	UMBW-1C2-63	UMBW-1D2-63	480Y/277 VAC / 125 VDC (2 poles in series)

UMBW Series – 3 Pole

Poles	Ampacity	Catalog (C Curve)	Catalog (D Curve)	Maximum Voltage
3	1	UMBW-1C3-1	UMBW-1D3-1	480Y/277 VAC / 125 VDC (2 poles in series)
3	1.2	UMBW-1C3-1.2	UMBW-1D3-1.2	480Y/277 VAC / 125 VDC (2 poles in series)
3	1.5	UMBW-1C3-1.5	UMBW-1D3-1.5	480Y/277 VAC / 125 VDC (2 poles in series)
3	1.6	UMBW-1C3-1.6	UMBW-1D3-1.6	480Y/277 VAC / 125 VDC (2 poles in series)
3	2	UMBW-1C3-2	UMBW-1D3-2	480Y/277 VAC / 125 VDC (2 poles in series)
3	3	UMBW-1C3-3	UMBW-1D3-3	480Y/277 VAC / 125 VDC (2 poles in series)
3	4	UMBW-1C3-4	UMBW-1D3-4	480Y/277 VAC / 125 VDC (2 poles in series)
3	5	UMBW-1C3-5	UMBW-1D3-5	480Y/277 VAC / 125 VDC (2 poles in series)

3	6	UMBW-1C3-6	UMBW-1D3-6	480Y/277 VAC / 125 VDC (2 poles in series)
3	8	UMBW-1C3-8	UMBW-1D3-8	480Y/277 VAC / 125 VDC (2 poles in series)
3	10	UMBW-1C3-10	UMBW-1D3-10	480Y/277 VAC / 125 VDC (2 poles in series)
3	13	UMBW-1C3-13	UMBW-1D3-13	480Y/277 VAC / 125 VDC (2 poles in series)
3	15	UMBW-1C3-15	UMBW-1D3-15	480Y/277 VAC / 125 VDC (2 poles in series)
3	20	UMBW-1C3-20	UMBW-1D3-20	480Y/277 VAC / 125 VDC (2 poles in series)
3	25	UMBW-1C3-25	UMBW-1D3-25	480Y/277 VAC / 125 VDC (2 poles in series)
3	30	UMBW-1C3-30	UMBW-1D3-30	480Y/277 VAC / 125 VDC (2 poles in series)
3	35	UMBW-1C3-35	UMBW-1D3-35	480Y/277 VAC / 125 VDC (2 poles in series)
3	40	UMBW-1C3-40	UMBW-1D3-40	480Y/277 VAC / 125 VDC (2 poles in series)
3	50	UMBW-1C3-50	UMBW-1D3-50	480Y/277 VAC / 125 VDC (2 poles in series)
3	60	UMBW-1C3-60	UMBW-1D3-60	480Y/277 VAC / 125 VDC (2 poles in series)
3	63	UMBW-1C3-63	UMBW-1D3-63	480Y/277 VAC / 125 VDC (2 poles in series)