

Technical data WF II -2W -2WS

When an emergency situation occurs the device will calculate the incoming G-force and enter an active state to show the emergency stop signal (ESS) using the ordinary brake lights and warning hazard.

The WF II-2WS is a especially designed model to replace the famous brake light flasher for MC. The brake light will flash at 8Hz in 1 seconds and then enter a steady level as long as the brake is touched. All other data complies to model WF II-2W. It is also possible to the WF II and enable regular light without flashing by shorting a pin to ground.

Following diagram shows the activation and deactivation of flashing brake lights and warning hazard.

Model -2W Vehicle 0.1-0.7 tons netto weight

	Light modes			Time management		G-Force
	8Hz	4Hz	WH	Delay	Hold	Min
Emergency brake		✓		2s	-	0.8
Major brakeforce		✓	✓	10s	4s	2.5
Front impact		✓	✓	3h	30s	4.8
Side tilt/inclination		✓	✓	3h	30s	3.0

Model -2WS (Special) Vehicle 0.1-0.7 tons netto weight

	Light modes			Time management		G-Force
	8Hz	4Hz	WH	Delay	Hold	Min
Emergency brake		✓		2s	-	0.8
Major brakeforce		✓	✓	10s	4s	2.5
Front impact		✓	✓	3h	30s	4.8
Side tilt/inclination		✓	✓	3h	30s	3.0
Flashing at brake touch	✓			1s	-	0

4Hz - 4 Flashes per second

8Hz - 8 Flashes per second

WH - Warning hazard activated

Delay - Flashing time calculated from brake release with no acceleration

Hold - Flashing deactivation cannot be maintained during this time

WF II is designed to be easily connected into a standard electrical system or to the ECU-interface of an CAN-bus equipped vehicle. The electrical data complies to the standard requirements.

Description	Volt	Current
Power supply	6-12VDC	< 12mA
Driving strength brakelight		< 15A
Driving strength to Ground (GND) for warninghazard relay		800ma
ESD Protection	< 5KV	

Description	Min	Max
Working temperature	-40c	+85c
Flashing frequence differ		+/-5%

Description	Width	Height
Plastic outfit size	30 mm	50 mm
Total outfit size	30 mm	80 mm
Connections only		12 mm
Clips only	34 mm	46 mm

Description	
Net weight	30 gram
Clips	6 gram