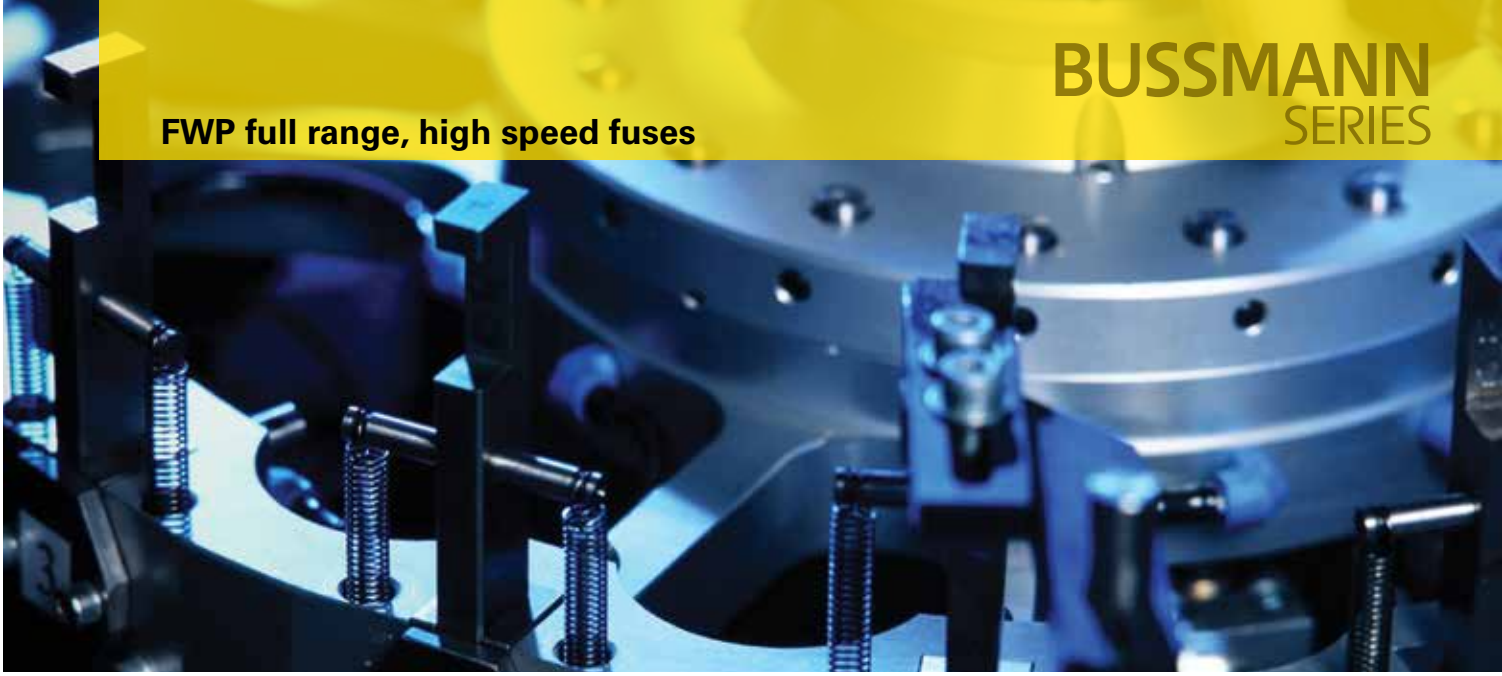
FWP full range, high speed fuses

BUSSMANN SERIES



High speed performance and full range protection now available in miniature size



Bussmann series FWP high speed fuses are available in three compact sizes, making them ideal for applications with limited footprints.

Product description:

Eaton's Bussmann™ series FWP ferrule fuses feature superior current limitation and cycling performance expected in a high speed fuse.

FWP fuses couple high speed performance with full range protection. By operating at both short-circuit and overload currents, they provide complete protection for semiconductor applications.

What's more, these ferrule fuses are available with 4 to 100 A ratings in three compact sizes:

- 10x38 mm
- 14x51 mm
- 22x58 mm

All FWP fuses are compatible with Bussmann series CH modular fuse holders.

Features and benefits:

- Combined overload and short-circuit protection eliminates the need for multiple circuit protection devices.
- UL® and IEC® standards enable global business opportunities.
- Compatibility with Bussmann series CH fuse holders provides additional features, including visual indication and DIN-Rail mounting capabilities.
- Striker versions available for visual indication or microswitch compatibility with CH fuse holders.



CH modular fuse holder for 10x38 mm fuses - PV (yellow), IEC 10x38 and UL midget (red), and UL Class CC (black)



CH modular fuse holder with microswitch for 14x51 mm fuse



CH modular fuse holder with neon indicator for 22x58 mm fuse

Powering Business Worldwide

Specifications

Catalog symbols:
- 10x38 mm: FWP-_G10F
- 14x51 mm: FWP-_G14F(I)
- 22x58 mm: FWP-_G22F(I)

Suffix "I" added for striker feature, see catalog numbers for availability.

Ratings:
- Volts - 690 Vac
- Amps
  - 10x38 mm: 4 to 32 A
  - 14x51 mm: 4 to 50 A
  - 22x58 mm: 20 to 100 A
- Interrupting rating - 200 kA
- Operating class - gR (full range)

Agency information:
- UL Recognized Standard 248-13
- IEC 60269-4

Recommended fuse holders:
- 10x38 mm: CHM fuse holders (data sheet No. 10430)
- 14x51 mm: CH14 fuse holders (data sheet No. 10080)
- 22x58 mm: CH22 fuse holders (data sheet No. 10015)

Data sheets:
For detailed information, please see data sheet numbers:
- 10x38 mm: No. 10467
- 14x51 mm: No. 10468
- 22x58 mm: No. 10469

Catalog numbers

Catalog no.		Rated			Power loss (W)	
Without striker	With striker	current (A)	Pre-arcing I^2t	Total I^2t at 690 Vac	0.8 I_n	I_n
10x38 mm						
FWP-4G10F	-	4	5.6	17	1.13	2.05
FWP-6G10F	-	6	16	48	1.56	3
FWP-8G10F	-	8	4.3	38	0.97	1.68
FWP-10G10F	-	10	6.6	59	1.20	2.09
FWP-12G10F	-	12	9.6	84	1.69	2.99
FWP-16G10F	-	16	17	150	2.31	4.27
FWP-20G10F	-	20	23.5	200	2.86	5.35
FWP-25G10F	-	25	60.2	512	2.94	5.52
FWP-32G10F	-	32*	94	800	3.82	7.43
14x51 mm						
FWP-4G14F	-	4	5.6	17	1.56	2.94
FWP-6G14F	-	6	16	48	2.25	4.2
FWP-8G14F	FWP-8G14FI	8	3.8	30	1.18	2
FWP-10G14F	FWP-10G14FI	10	5.9	47	1.41	2.52
FWP-12G14F	FWP-12G14FI	12	8.4	68	1.95	3.54
FWP-16G14F	FWP-16G14FI	16	15	120	2.67	4.83
FWP-20G14F	FWP-20G14FI	20	27	170	2.91	5.4
FWP-25G14F	FWP-25G14FI	25	53	333	3.38	6
FWP-32G14F	FWP-32G14FI	32	108	679	3.72	6.93
FWP-40G14F	FWP-40G14FI	40	211	1331	4.13	7.52
FWP-50G14F	FWP-50G14FI	50	350	2200	5.36	9.8
22x58 mm						
FWP-20G22F	FWP-20G22FI	20	24	154	3.23	6.00
FWP-25G22F	FWP-25G22FI	25	43	274	3.66	6.65
FWP-32G22F	FWP-32G22FI	32	97	616	4.86	9.21
FWP-40G22F	FWP-40G22FI	40	180	899	4.50	8.24
FWP-50G22F	FWP-50G22FI	50	283	1362	6.26	11.85
FWP-63G22F	FWP-63G22FI	63	516	2575	7.35	13.80
FWP-80G22F	FWP-80G22FI	80	1092	5448	8.40	14.00
FWP-100G22F	FWP-100G22FI	100	2065	10,300	9.40	17.70

* Rated current 32 A with 25 mm^2 conductors, derate to 27 A with 6 mm^2 conductors.

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UL is a registered trademark of the Underwriters Laboratories, Inc.

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