

Hydraulic - Magnetic



- Single pole hydraulic, magnetic circuit breaker with toggle actuation
- Medium delay characteristics
- Industry standard panel mounting
- Push-on connectors.
- Approved to **VDE** Circuit Breaker for Equipment standard **EN60934**, **UL**, **CSA**, **LRoS**, **BV** and **QPL**
- Typical applications: Control equipment, communication systems, transportation and power supplies

H = 50.8, W = 15, D = 50.8. Fixing hole pitch = 42.15
Mounting thread = M3, Max Depth = 4.5

Voltage rating	240Vac, 80Vdc
Typical life	10,000 operations at 1x1N inductive load
Temperature range	-40°C to +85°C
Dielectric strength	3000Vac
Insulation resistance	≥ 100MΩ @ 500Vdc
Max interrupt rating	3500A
Shock	100g (11ms) at 0.8xIN to IEC68-2-27 , test EA

Current Rating	Internal Resistance (Ω)	Mfrs. List No.	Order Code
1A	0.90	8340-F410-P1M2-A2H0-1A	597-922
2A	0.20	8340-F410-P1M2-A2H0-2A	597-934
5A	0.04	8340-F410-P1M2-A2H0-5A	597-946
10A	≤0.02	8340-F410-P1M2-A2H0-10A	597-958
15A	≤0.02	8340-F410-P1M2-A2H0-15A	597-960
20A	≤0.02	8340-F410-P1M2-A2H0-20A	597-971
25A	≤0.02	8340-F410-P1M2-A2H0-25A	597-983

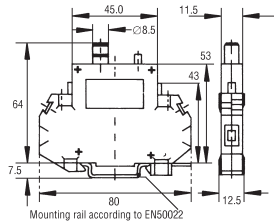
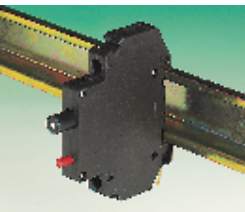
FUS188X

Current Rating	Order Code	Price Each		
		1+	25+	100+
1A	597-922			
2A	597-934			
5A	597-946			
10A	597-958			
15A	597-960			
20A	597-971			
25A	597-983			

Thermal-Magnetic DIN Rail Mounting



201 Series



- Slimline (12.5mm width) thermal magnetic manufactured from glass reinforced polyester
- **CBE EN60934**, **VDE**, **DEMKO**, **UL**, **LRoS** and **CSA** approved
- Circuit breaker mounts directly onto 35mm standard symmetrical DIN rail (see Book 5, Section 1)
- Can be easily removed by a quick release and connections are by way of recessed screw terminals
- Typical applications: Process control systems and instrumentation

Voltage rating	250V ac, 65V dc	Shock	25g to IEC68-2-27 , test EA
Dielectric strength	3000V ac	Vibration	5g to IEC68-2-6 , test FC, meth A
Insulation resistance	>100MΩ @ 500V	Weight	Approx 60g
Typical life at 2 IN	5000 ops	Instantaneous magnetic trip	>7.5In, ≤ 10In
Colour	Black		

Tripping times @ 23°C

Rated Current	Tripping Time	Rated Current	Tripping Time
I _R	no trip	4 I _R	1.5-9s
2 I _R	<30s	5 I _R	0.8-6s
3 I _R	<7s	6 I _R	0.003-4s

Mfrs List No. 201 + current rating

FUS111X

Current Rating	Internal Resistance Ω	Order Code	Price Each		
			1+	10+	50+
0.5A	7.1	.177-098 ‡			
1A	1.67	.177-099 ‡			
2A	0.38	.177-100 ‡			
3A	0.19	.177-101 ‡			
5A	0.061	.177-102 ‡			
10A	<0.02	.177-103 ‡			
15A	<0.02	.177-104 ‡			

‡ Subject to design change

Thermal Rocker with Switch



Panel cut-out: a = 50.5 21.5,
b = 44.5 22

Tabs = 6.35 or 2.2.8

No volt release modules

H = 33.5, W = 22, D = 21

Showing thermal circuit breaker before insertion into rocker switch

- Versatile single and double pole rocker switches combined with a thermal circuit breaker
- Returns to 'OFF' position when put in overload conditions
- **UL**, **VDE**, **CSA** and **SEMKO** approved

Voltage rating	250V ac/50V dc	Typical life expectancy @ In	>50,000 ops
Dielectric strength	3000V ac	Max. interrupt rating	200A (single pole) 300A (double pole)
Insulation resistance	>100MΩ @ 500V	Operating temperature	-30°C to +60°C

Current Rating	Internal Resistance (Ω)	Dimensions			Cut-out	Mfrs. List No.	Order Code
		H	W	D			
5A	0.03	54	25	35	a	3120-F311-H7T1-W01X-5A	447-079
10A	0.02	54	25	35	a	3120-F311-H7T1-W01X-10A	447-080
16A	0.02	54	25	35	a	3120-F311-H7T1-W01X-16A	447-092
3A	0.06	48	25	35	b	3120-F521-H7T1-W01X-3A	147-785
5A	0.03	48	25	35	b	3120-F521-H7T1-W01X-5A	147-786
10A	0.02	48	25	35	b	3120-F521-H7T1-W01X-10A	147-787
15A	0.02	48	25	35	b	3120-F521-H7T1-W01X-16A	177-097

FUS112X

Current Rating	Order Code	Price Each		
		1+	25+	100+
Single Pole				
5A	447-079			
10A	447-080			
16A	447-092			
Double Pole				
3A	147-785			
5A	.147-786			
10A	.147-787			
16A	.177-097			

Miniature Circuit Breakers and Consumer Units

Memshield 2 Range



Memshield 2 Miniature Circuit Breaker Distribution System is designed for maximum flexibility of installation with a wide range of RCD's, RCBO's, MCB's and accessories available, the Memshield 2 range is ideally suited to most domestic and light industrial installations. The breakers themselves are suitable for DIN rail mounting in **OEM applications**

FUS260X

Type A SPN Distribution Boards.

MEM

- Easy fit incoming and outgoing devices by DIN rail
- Choice of HRC fuse carrier, MCB or RCD outgoing
- Earth stud allows earth to be terminated inside or outside the enclosures
- Shrouded neutral bar for increased safety
- Fully shrouded busbar
- Earth and neutral bars accommodate up to 2.5mm cable
- Distribution boards can be stacked vertically with optional correction kit
- Blanking modules available for additional safety
- Generous cable space within distribution board
- Designed for surface mounting
- Supplied without any incoming or outgoing devices, which are available separately

Manufactured to comply with BS5486: PT 12 & 13 and BS EN60439-3, this range of distribution boards are made from high quality rust protected steel for lasting durability

No. of outgoing ways	A	B	C	Mfrs. List No.	Order Code
4	238	81.5	163	AM4	665-150

ele540

No. of Ways	Order Code	Price Each		
		1+	5+	10+
4	665-150			

Continued