

Type		DF6-AB08	GK1-C	DF6-AB10	GK1-D	GK1-E	GK1-F	
Environment								
Conforming to standards		NF C 61-201	–	NF C 61-201	–	–	–	
		IEC 947-3	IEC 947-3	IEC 947-3	IEC 947-3	IEC 947-3	IEC 947-3	
Protective treatment		"TC"	"TC"	"TC"	"TC"	"TC"	"TC"	
Ambient air temperature for operation with links without derating	°C	- 50...+ 70	- 50...+ 70	- 50...+ 70	- 50...+ 70	- 50...+ 70	- 50...+ 70	
Operating position in relation to normal vertical mounting position		± 23°	± 23°	± 23°	± 23°	± 23°	± 23°	
Pole characteristics								
Fuse size		8.5 x 31.5	8.5 x 31.5	10 x 38	10 x 38	14 x 51	22 x 58	
Rated operational voltage with links, a.c. operation	V	400	400	500	500	690	690	
Maximum continuous current (for ambient temperature ≤ 40 °C) (1)	With links	A	20	20	32	32	50	125
	With aM cartridge fuses	A	10	10	25	25	50	125
	With gG cartridge fuses	A	20	20	30	30	40	100
Permissible short-circuit currents (with links)	Maximum peak value (dynamic stress)	kA	8	8	8	8	8	8
	Short-time rating (rms value cos φ = 0.35)	kA	4	4	4	4	4	4
	Duration	ms	100	100	100	100	100	100
Cabling Maximum c.s.a. (without cable end)	Number of conductors		1 2	1 2	1 2	1 2	1 2	1 2
	Flexible cable	mm ²	10 6	10 6	10 6	10 6	25 10	35 16
	Solid cable	mm ²	10 6	10 6	10 6	10 6	25 10	50 25
Tightening torque	N.m	1.2	1.2	1.2	1.2	2	2	

(1) For use at ambient temperature > 40 °C, apply a derating coefficient equivalent to $\sqrt{\frac{120 - \text{ambient temperature}}{80}}$

Fuse carriers (1)

Rated thermal current	Size of cartridge fuse or link	Composition	Sold in lots of	Unit reference	Weight kg
20 A	8.5 x 31.5	1 P	12	DF6-AB08	0.070
		1 N	12	DF6-N10	0.080
		1 P + N (2)	6	GK1-CC	0.152
		2 P	6	GK1-CD	0.142
		3 P	4	GK1-CF	0.213
		3 P + N (2)	3	GK1-CH	0.294
32 A	10 x 38	1 P	12	DF6-AB10	0.070
		1 N	12	DF6-N10	0.080
		1 P + N (2)	6	GK1-DC	0.152
		2 P	6	GK1-DD	0.142
		3 P	4	GK1-DF	0.213
		3 P + N (2)	3	GK1-DH	0.294
50 A	14 x 51	1 P	12	GK1-EB	0.130
		1 N	12	GK1-EN	0.140
		1 P + N (2)	6	GK1-EC	0.273
		2 P	6	GK1-ED	0.263
		3 P	4	GK1-EF	0.394
		3 P + N (2)	3	GK1-EH	0.536
125 A	22 x 58	1 P	12	GK1-FB	0.230
		1 N	12	GK1-FN	0.250
		1 P + N (2)	6	GK1-FC	0.480
		2 P	6	GK1-FD	0.460
		3 P	4	GK1-FF	0.690
		3 P + N (2)	3	GK1-FH	0.940

Blown fuse indicators (neon)

For use on fuse carriers	Operational voltage	Sold in lots of	Unit reference	Weight kg
DF6, GK1-C, D and E	80...400 V	10	GK1-AS	0.003

Fuse carrier assembly strips (3)

Fuse carriers to be assembled	Number	Sold in lots of	Unit reference	Weight kg
DF6	2	10	GK1-AP2	0.002
	3	10	GK1-AP3	0.003
	4	10	GK1-AP4	0.004
GK1-E	2	10	GK1-AP3	0.004
	3	10	GK1-AP5	0.004
	4	10	GK1-AP6	0.006
GK1-F	2	10	GK1-AP4	0.004
	3	10	GK1-AP6	0.006
	4	10	GK1-AP9	0.007

(1) Each pole can be marked. A groove is provided on the control lever for this purpose. Marking by means of AR1-M●01 markers using positioning tool AT1-PA3.

(2) N: neutral pole fitted with a locked link as standard.

(3) Strips are supplied with all the clips needed for assembling the fuse carriers together.



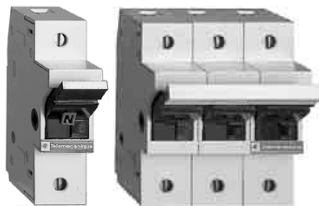
DF6-N10

GK1-CF



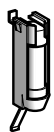
DF6-AB10

GK1-DF



GK1-EN

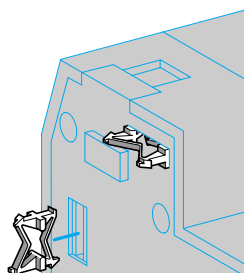
GK1-EF



GK1-AS

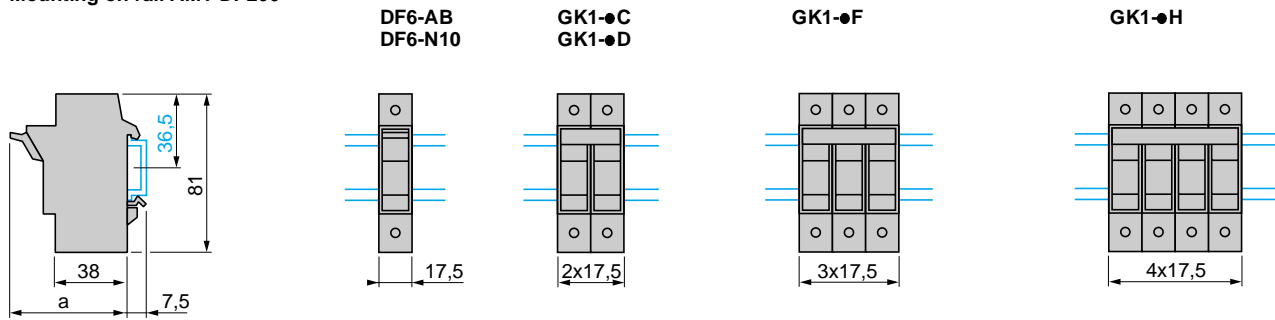


GK1-AP●



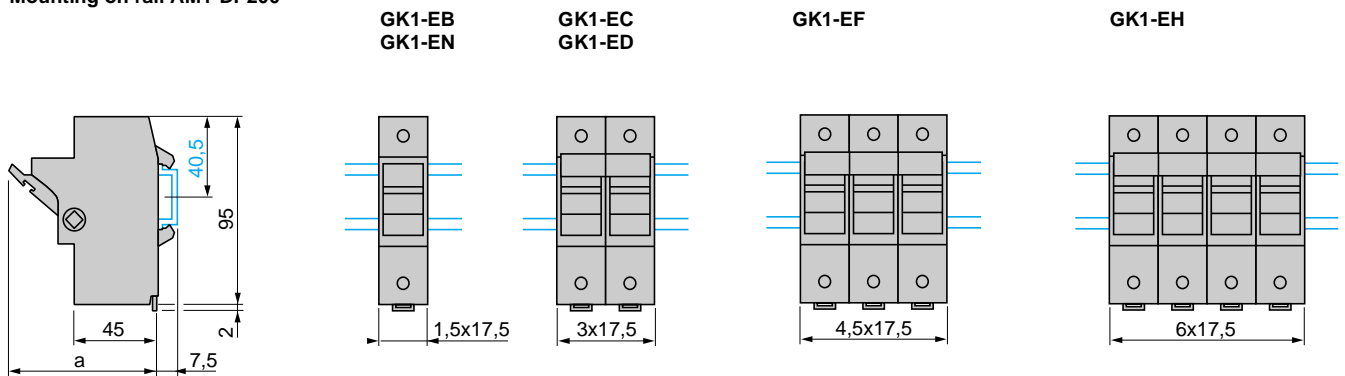
Detail of assembly clip mounting

Modular fuse carriers 20 A and 32 A
Mounting on rail AM1-DP200



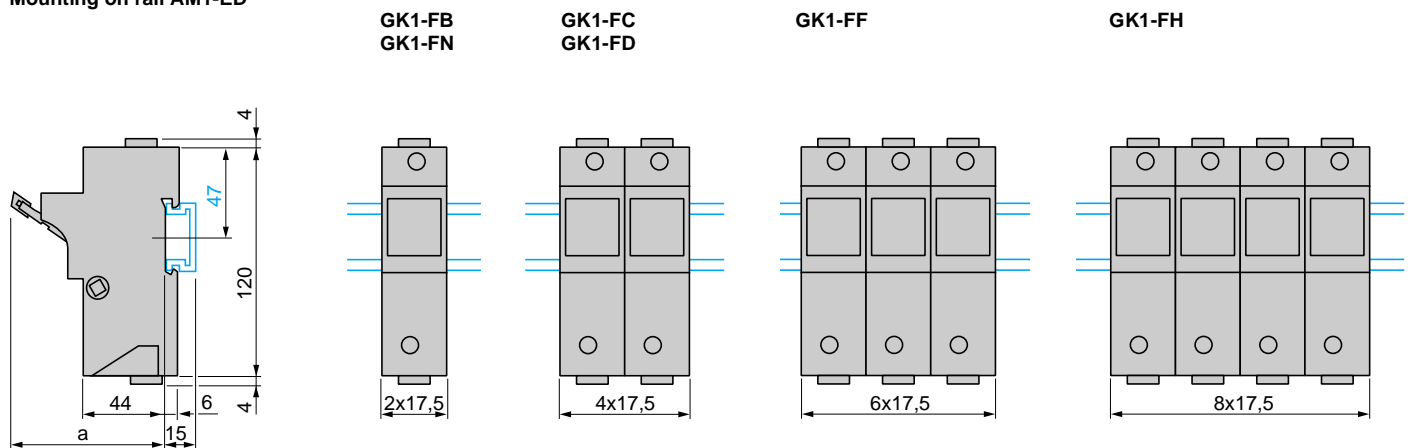
	a
1 pole	60.5
2, 3, 4 poles	64

Modular fuse carriers 50 A
Mounting on rail AM1-DP200



	a
1 pole	78.5
2, 3, 4 poles	82

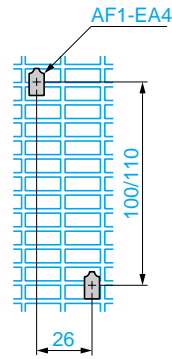
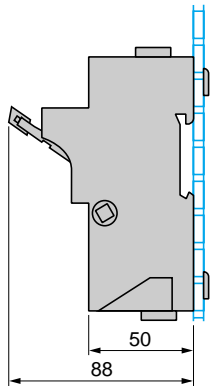
Modular fuse carriers 125 A
Mounting on rail AM1-ED



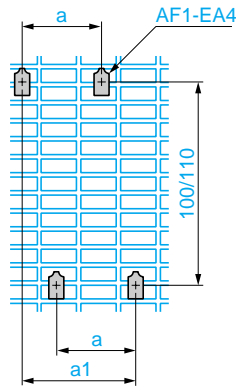
	a
GK1-FB, FN	78.5
GK1-FC, FD, FF, FH	82

Modular fuse carriers 125 A

Mounting on pre-slotted mounting plate AM1-PA
GK1-FB, FN



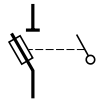
GK1-FC, FD, FF, FH



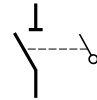
GK1-	FC	FD	FF	FH
a	35	35	70	105
a1	61	61	96	131

Schemes

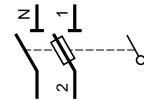
Modular fuse carriers
DF6-AB●



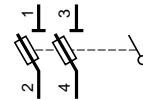
DF6-N



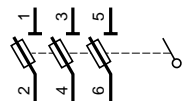
GK1-●C



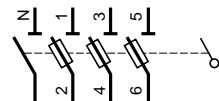
GK1-●D



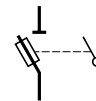
GK1-●F



GK1-●H



GK1-●B



GK1-●N

