

FUSE-LINKS UP TO 1000 V d.c. (CYLINDRICAL)

Cylindrical fuse-link PT22 is suitable for protection of circuits up to 1000V d.c. (e.g. for the circuits of photovoltaic systems, trolley-buses and trams, or for protection of circuits up to 1500 V a.c.)


- Use in fuse disconnecter OPT 22.
- The fuse-links do not contain harmful substances according to the RoHS Regulation (cadmium, lead and other).
- Utilization category gR/gS for protection of semiconductor devices and cables against overload and short-circuit.
- Utilization category aR for protection of semiconductor devices only against short-circuit. (PT22 50A aR up to $1.4 \times I_n$ can not be used in fuse disconnecter OPT22)



Fuse-links PT22

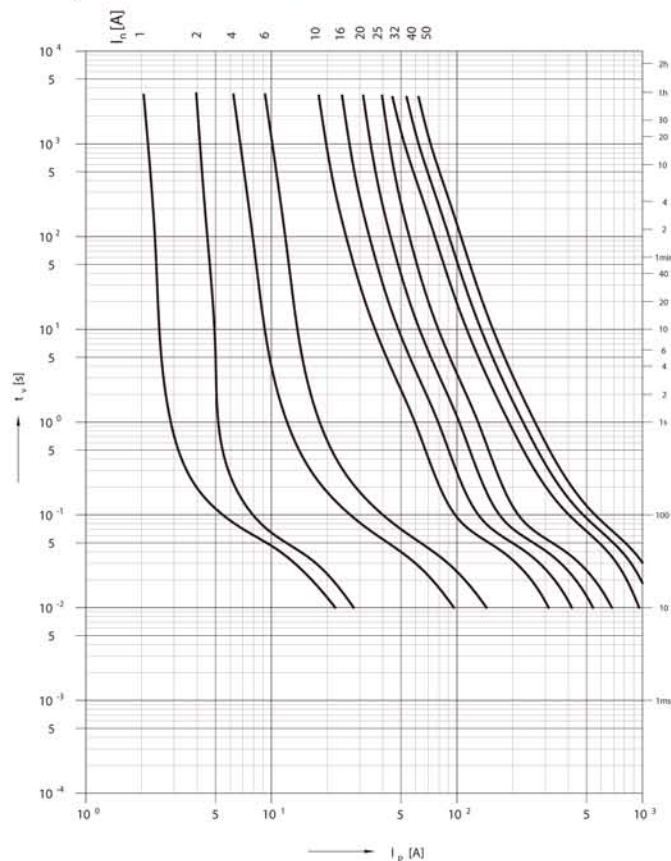
I_n [A]	Type	Product code	Power losses [W]	Colour marking	Temperature rise [K]	I ² t total [A ² s]	Weight [kg]	Package [pcs]
1	PT22 1A gR/gS	08601	2.0	-	9	2.1	0.093	5
2	PT22 2A gR/gS	08598	2.54	Pink	14	4.1	0.093	5
4	PT22 4A gR/gS	08342	5.3	Brown	21	44	0.093	5
6	PT22 6A gR/gS	08341	6.37	Green	26	110	0.093	5
10	PT22 10A gR/gS	08340	3.05	Red	17	450	0.093	5
16	PT22 16A gR/gS	08339	4.66	Grey	21	1500	0.093	5
20	PT22 20A gR/gS	08338	5.36	Blue	25	3400	0.093	5
25	PT22 25A gR/gS	08668	6.93	Yellow	33	3900	0.093	5
32	PT22 32A gR/gS	08663	6.69	Violet	31	12500	0.093	5
40	PT22 40A gR	08337	9.4	Black	38	18500	0.093	5
50	PT22 50A aR	08343	11.6	-	46	27500	0.093	5

Parameters

Rated voltage	U_n	1000 V d.c.	1500 V a.c.
Rated breaking capacity/voltage	I_1	1000 V d.c.	50 kA
		1500 V a.c.	30 kA
Time constant (L/R)	τ		10 ÷ 15 ms
Approval marks			

Characteristic

Prearing time/current characteristic PT 22



FUSE DISCONNECTORS FOR CYLINDRICAL FUSE-LINKS SIZE 22x127

- Fuse disconnectors OPT are intended for cylindrical fuse-links size 22x127, which are suitable for protection of circuits up to 1000 V d.c. and 1500 V a.c., e.g. for the circuits of photovoltaic systems, trolleybuses and trams.
- Hole in the cover for check of fuse amperage.
- Fixed to the panel by screws M6.
- Delivered with P-terminal, it can be removed, and the fuse disconnecter can be connected by cable lugs for screws M8.



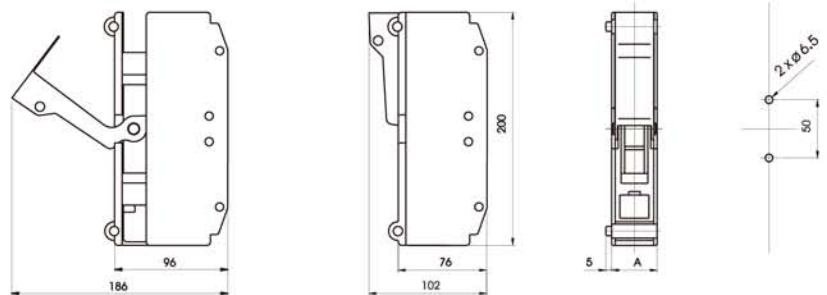
Fuse disconnectors

Type	Product code	Number of poles	For fuse-link size	Weight [kg]	Package [pcs]
OPT22/1	08474	1	22x127	0.48	4
OPT22/2	08344	2	22x127	0.96	2
OPT22/3	08700	3	22x127	1.44	1
OPT22/4	08345	4	22x127	1.92	1
OPT22/5	08701	5	22x127	2.4	1

Parameters

Rated operating current	I_n	63 A
Rated operating voltage	U_n	1500 V a.c., 1000 V d.c.
Utilization category		AC-20B, DC-20B
Fuse-links size		22 x 127
Max. power losses of the fuse-links	P_v	15 W
Degree of protection		IP 20
Standards		EN 60947-1, -3 IEC 60947-1, -3
Connection (1 ÷ 50 mm ² Cu both solid and stranded) (2.5 ÷ 50 mm ² Al solid)		P-terminal
Approval marks		

Dimensions



Type	1-pole	2-pole	A [mm] 3-pole	4-pole	5-pole
OPT22	40	80	120	160	200

Diagram

