

gR

RATED VOLTAGE
~400V

D01UQ6A



D02UQ50A



Technical data:

Standards:
IEC 60269-4Breaking capacity:
~50kA / --- 8kA
Rated voltage:
~400V / --- 250V

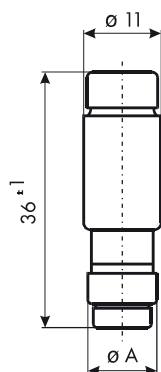
Application:

Fuse-links of system D0 are applied in fuse base E14 and E18 and fuse-switch disconnectors VLD01 and STV D02.

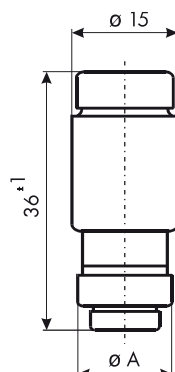
Size	In (A)	Type	Code No.	Operating P-t-value (A ² s)	Power dissipation (W)	Char.	Colour	Dimension A	Packaging (pcs)	Weight (g)
D01	2	D01UQ2A	004311001	6,3	2,3	gR	pink	7.3	10/500	6
	4	D01UQ4A	004311002	13	3,1	gR	brown	7.3	10/500	6
	6	D01UQ6A	004311003	20	4,0	gR	green	7.3	10/500	6
	10	D01UQ10A	004311004	65	4,2	gR	red	8.5	10/500	6
	16	D01UQ16A	004311005	200	5,3	gR	grey	9.7	10/500	6
D02	20	D02UQ20A	004312001	275	8,0	gR	blue	10.9	10/500	11
	25	D02UQ25A	004312002	480	9,0	gR	brown	12.1	10/500	12
	35	D02UQ35A	004312003	1.000	10,0	gR	black	13.3	10/500	13
	50	D02UQ50A	004312004	1.800	15,0	gR	white	14.5	10/500	13
	63	D02UQ63A	004312005	2.500	17,0	qR	copper	15.9	10/500	15

Dimensions:

D01



D02



remember

The standard IEC 60947-4-2 defines two types of co-ordination according to the expected level of service continuity. The standard IEC 60947-1, general rule are applicable to this standard, where specifically called for.

Type 1: Coordination requires that, under short-circuit conditions, the device shall cause no danger to persons or installation and may not be suitable for further service without repair and replacement of parts.

Type 2: Coordination requires that, under short-circuit conditions, the device shall cause no danger to persons or installation and shall be suitable for further use. For hybrid controllers and starters, the risk of contact welding is recognized in which case the manufacturer shall indicate the measures to be taken as regards the maintenance of the equipment.

Note: When using a softstarter in a type 2 co-ordination, replacing the fuses and restart has to be accepted after a short-circuit. Only »fuses for semiconductor protection« can be used to achieve a type 2 coordination for soft-starters.

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gR

RATED VOLTAGE
~500V

Technical data:

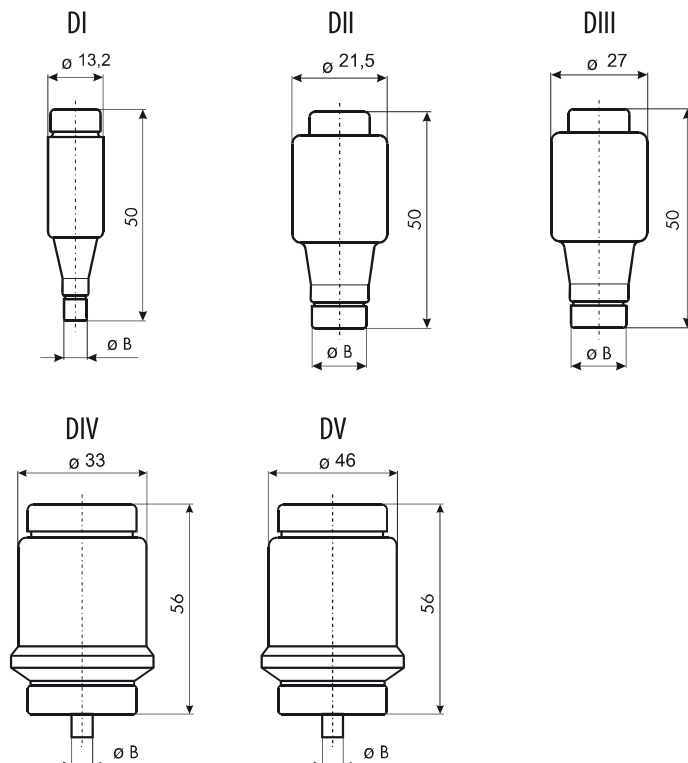
Standards:
IEC 60269-4Breaking capacity:
~50kA / --- 8kA
Rated voltage:
~500V / --- 315V

Application:

Fuse-links of system D are mounted in fuse base E16, E27, E33, R 1 1/4", R2".

Size	In (A)	Type	Code No.	Operating I ² t-value (A ² s)	Power dissipation (W)	Char.	Colour	Dimension B	Packaging (pcs)	Weight (g)
D I	2	DIUQ2A	004321001	5,8	2,1	gR	pink	6	10/500	12
	4	DIUQ4A	004321002	11	2,5	gR	brown	6	10/500	12
	6	DIUQ6A	004321003	18	3,2	gR	green	6	10/500	12
	10	DIUQ10A	004321004	40	3,6	gR	red	8	10/500	13
	16	DIUQ16A	004321005	60	6,3	gR	grey	10	10/500	14
	20	DIUQ20A	004321006	139	7,3	gR	blue	12	10/500	15
	25	DIUQ25A	004321007	205	9,0	gR	yellow	14	10/500	16
D II	2	DIUQ2A	004322001	5,8	2,1	gR	pink	6	5/500	27
	4	DIUQ4A	004322002	11	2,5	gR	brown	6	5/500	27
	6	DIUQ6A	004322003	18	3,2	gR	green	6	5/500	27
	10	DIUQ10A	004322004	40	3,6	gR	red	8	5/500	27
	16	DIUQ16A	004322005	60	6,3	gR	grey	10	5/500	28
	20	DIUQ20A	004322006	139	7,3	gR	blue	12	5/500	29
	25	DIUQ25A	004322007	205	9,0	gR	yellow	14	5/500	30
D III	30	DIUQ30A	004322008	310	10,0	gR	black	14	5/500	30
	35	DIUQ35A	004323001	539	12,0	gR	black	16	5/500	48
	50	DIUQ50A	004323002	1.250	19,0	gR	white	18	5/500	49
D IV	63	DIUQ63A	004323003	1.890	23,0	gR	copper	20	5/500	52
	80	DIVUQ80A	004324001	4.200	33,0	gR	silver	5	3/48	105
	100	DIVUQ100A	004324002	8.450	51,0	gR	red	7	3/48	110
D V	125	DVUQ125A	004325001	16.000	60,0	gR	yellow	5	10/60	185
	160	DVUQ160A	004325002	24.000	71,0	gR	copper	7	10/60	210
	200	DVUQ200A	004325003	40.000	90,0	gR	blue	9	10/60	215

Dimensions:



DIUQ4A



DIUQ16A



DIUQ35A



DIVUQ80A



DVUQ200A

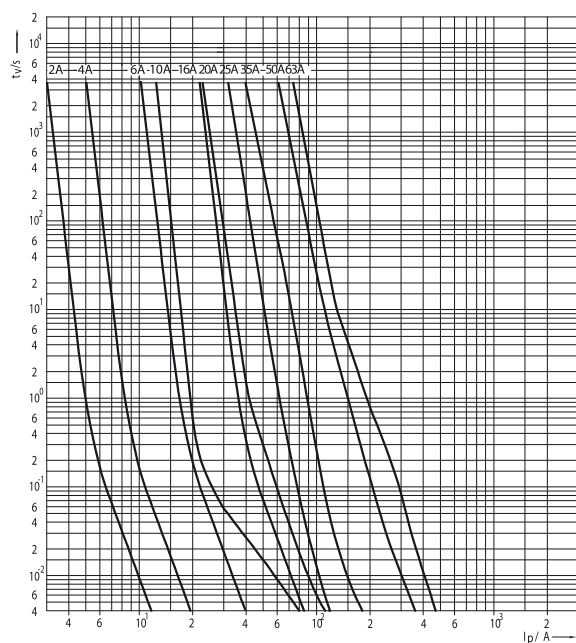


ULTRA QUICK

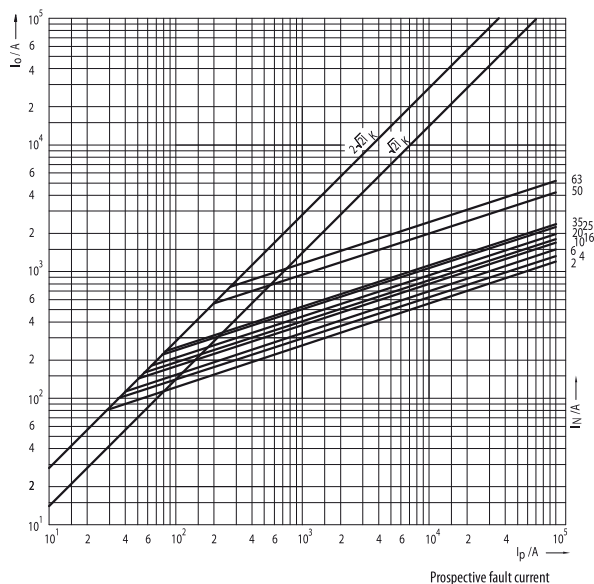
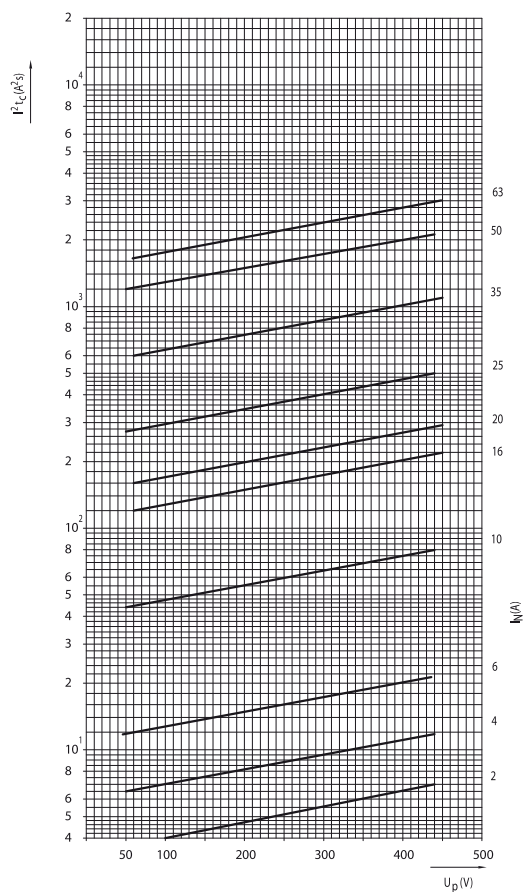
RATED VOLTAGE

~400V

Time/current characteristics of fuse-links Ultra Quick D01 and D02



Cut-off characteristics of fuse-links Ultra Quick D01 and D02

Operating Joule Integral (I^2t) for Ultra Quick D01 and D02

Power dissipation, pre-arcing Joule Integral and Operating Joule Integral for Ultra Quick D01 and D02

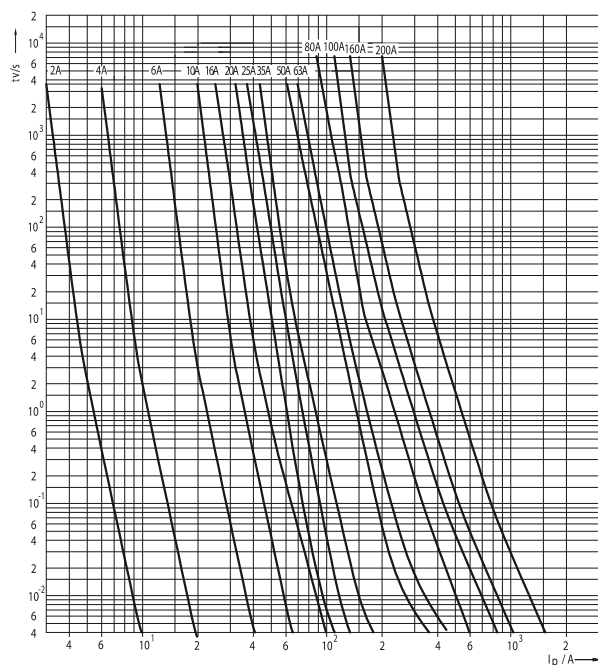
I_n	Power dissipation	Pre-arcing Joule integral I^2t (1ms)	Operating Joule Integral $I^2t \sim 100V$	Operating Joule Integral $I^2t \sim 200V$	Operating Joule Integral $I^2t \sim 400V$
A	W	A ² s	A ² s	A ² s	A ² s
2	2,3	1	2,3	4	6,3
4	3,1	2	4,7	8	13
6	4,0	5	7	12	20
10	4,2	12	25	40	65
16	5,3	35	70	100	200
20	8,0	55	120	180	275
25	9,0	85	160	280	480
35	10,0	180	250	450	1.000
50	15,0	250	550	850	1.800
63	17,0	550	800	1.200	2.500

CHARACTERISTICS

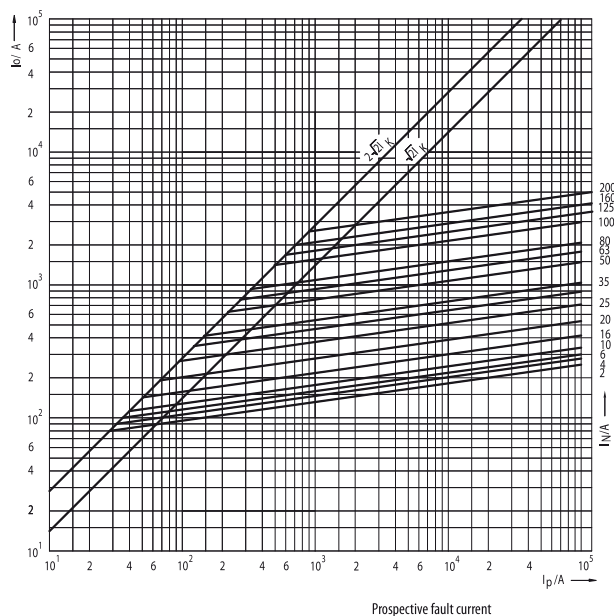
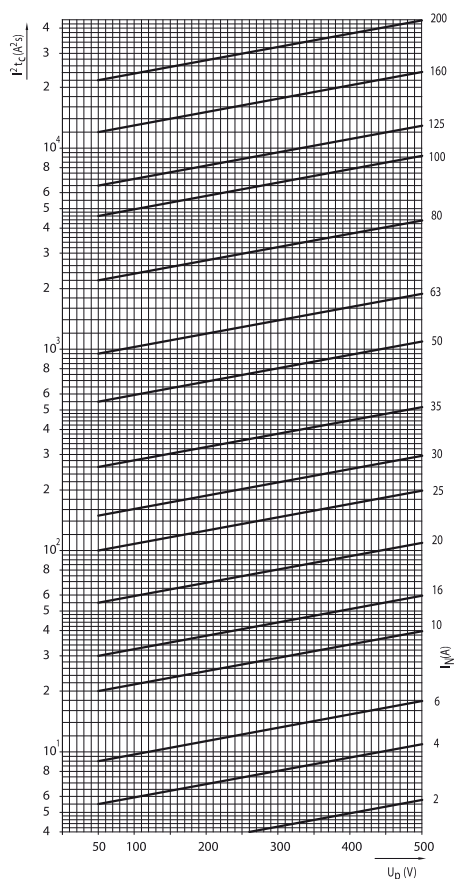
RATED VOLTAGE

~500V

Time/current characteristics of fuse-links Ultra Quick DI, DII, DIII, DIV, DV.



Cut-off characteristics of fuse-links Ultra Quick DI, DII, DIII, DIV, DV.

Operating Joule Integral (I^2t) for Ultra Quick DI, DII, DIII, DIV, DV

Power dissipation, pre-arcing Joule Integral and Operating Joule Integral for Ultra Quick DI, DII, DIII, DIV, DV.

I_n	Power dissipation	Pre-arcing Joule Integral I^2t (1ms)	Operating Joule Integral $I^2t \sim 125V$	Operating Joule Integral $I^2t \sim 250V$	Operating Joule Integral $I^2t \sim 500V$
A	W	A ² s	A ² s	A ² s	A ² s
2	2,1	0,7	1,8	3,5	5,8
4	2,5	1,8	4,1	6	11
6	3,2	4	6	10	18
10	3,6	8	12,5	23	40
16	6,3	16,2	34	40	60
20	7,3	35,8	67	85	139
25	9,0	48,9	85	116	205
30	10,0	85	120	170	310
35	12,0	135	220	300	539
50	19,0	340	600	780	1.250
63	23,0	530	850	1.115	1.890
80	33,0	980	1.480	2.110	4.200
100	51,0	1.950	3.000	4.200	8.450
125	60,0	3.100	4.300	6.000	16.000
160	71,0	10.000	12.000	18.000	24.000
200	90,0	17.000	22.000	31.000	40.000