

Protection and safety

OVR surge protective devices selection tables

Protected lines	Impulse current	Max. discharge current	Nominal current	Follow current interrupting rating	Voltage protection level	Nominal voltage	Max. cont. operating voltage	Type	Order code
	limp 10/350 kA	I _{max} 8/20 kA	I _n kA	I _{fi} kA	U _p kV	U _n V	U _c V		

Type 1 OVR

limp 25 kA

1	25	-	25	50	2.5	400/690	440	OVR T1 25-440-50	2CTB815101R9300
1	25	-	25	50	2.5	230/400	255	OVR T1 25-255	2CTB815101R0100
2	25	-	25	50	2.5	230/400	255	OVR T1 2L 25-255	2CTB815101R1200
2	25	-	25	50	2.5	230/400	255	OVR T1 2L 25-255 TS	2CTB815101R1100
3	25	-	25	50	2.5	230/400	255	OVR T1 3L 25-255	2CTB815101R1300
3	25	-	25	50	2.5	230/400	255	OVR T1 3L 25-255 TS	2CTB815101R0600
4	25	-	25	50	2.5	230/400	255	OVR T1 4L 25-255	2CTB815101R1400
4	25	-	25	50	2.5	230/400	255	OVR T1 4L 25-255 TS	2CTB815101R0800
1+1	25	-	25	50	2.5	230/400	255	OVR T1 1N 25-255	2CTB815101R1500
1+1	25	-	25	50	2.5	230/400	255	OVR T1 1N 25-255 TS	2CTB815101R1000
3+1	25	-	25	50	2.5	230/400	255	OVR T1 3N 25-255	2CTB815101R1600
3+1	25	-	25	50	2.5	230/400	255	OVR T1 3N 25-255 TS	2CTB815101R0700
1	25	-	25	7	2.5	230/400	255	OVR T1 25-255-7	2CTB815101R8700
3+1	25	-	25	7	2.5	230/400	255	OVR T1 3N 25-255-7	2CTB815101R8800

Neutral

1	25	-	25	-	4	400/690	690	OVR T1 25 N	2CTB815101R9700
1	50	-	50	-	1.5	230/400	255	OVR T1 50 N	2CTB815101R0400
1	100	-	25	-	2	230/400	255	OVR T1 100 N	2CTB815101R0500

Type 1+2 OVR

limp 25 and 15 kA

1	25	60	25	15	1.5	230/400	255	OVR T1+2 25-255 TS	2CTB815101R0300
1	15	60	15	7	1.7	230/400	255	OVR T1+2 15-255-7	2CTB815101R8900
3+1	15	60	15	7	1.7	230/400	255	OVR T1+2 3N 15-255-7	2CTB815101R9000
1	15	100	5	-	1.4	230/400	440	OVR HL 15-440s P TS	2CTB815201R0800
2	15	100	5	-	1.4	230/400	440	OVR HL 2L 15-440s P TS	2CTB815303R0400
3	15	100	5	-	1.4	230/400	440	OVR HL 3L 15-440s P TS	2CTB815401R0400
4	15	100	5	-	1.4	230/400	440	OVR HL 4L 15-440s P TS	2CTB815503R0400
1	15	-	-	-	-	230/400	440	OVR HL 15-440s C	2CTB815250R0300

limp 7 kA

1	7	70	7	-	1.4	230/400	275	OVR T1+2 7-275s P	2CTB815101R3900
3	7	70	7	-	1.4	230/400	275	OVR T1+2 3L 7-275s P	2CTB815101R4000
4	7	70	7	-	1.4	230/400	275	OVR T1+2 4L 7-275s P	2CTB815101R4100
1+1	7	70	7	-	1.4	230/400	275	OVR T1+2 1N 7-275s P	2CTB815302R1000
3+1	7	70	7	-	1.4	230/400	275	OVR T1+2 3N 7-275s P	2CTB815502R1000
1	7	-	-	-	-	230/400	275	OVR T1+2 7-275s C	2CTB815101R3800
1	7	-	-	-	-	230/400	255	OVR T1+2 70 NC	2CTB815101R5100

Type 2 OVR monobloc

1	-	20	5	-	1.0	120/240	150	OVR T2 20-150	2CTB804200R0700
1	-	40	20	-	1.4	120/240	150	OVR T2 40-150	2CTB804201R0700
1	-	20	5	-	1.0	230/400	275	OVR T2 20-275	2CTB804200R0100
1	-	40	20	-	1.4	230/400	275	OVR T2 40-275	2CTB804201R0100
3	-	20	5	-	1.0	230/400	275	OVR T2 3L 20-275	2CTB804600R0400
3	-	40	20	-	1.4	230/400	275	OVR T2 3L 40-275	2CTB804601R0400
4	-	20	5	-	1.0	230/400	275	OVR T2 4L 20-275	2CTB804600R0500
4	-	40	20	-	1.4	230/400	275	OVR T2 4L 40-275	2CTB804601R0500
1	-	20	5	-	1.3	230/400	440	OVR T2 20-440	2CTB804200R0200
1	-	40	20	-	1.9	230/400	440	OVR T2 40-440	2CTB804201R0200
1	-	20	5	-	1.0	120/240	150	OVR T2 20-150 (x20)	2CTB804200R1700
1	-	40	20	-	1.4	120/240	150	OVR T2 40-150 (x20)	2CTB804201R1700
1	-	20	5	-	1.0	230/400	275	OVR T2 20-275 (x20)	2CTB804200R1100
1	-	40	20	-	1.4	230/400	275	OVR T2 40-275 (x20)	2CTB804201R1100
3	-	20	5	-	1.0	230/400	275	OVR T2 3L 20-275 (x6)	2CTB804600R1400
3	-	40	20	-	1.4	230/400	275	OVR T2 3L 40-275 (x6)	2CTB804601R1400
4	-	20	5	-	1.0	230/400	275	OVR T2 4L 20-275 (x5)	2CTB804600R1500
4	-	40	20	-	1.4	230/400	275	OVR T2 4L 40-275 (x5)	2CTB804601R1500
1	-	20	5	-	1.3	230/400	440	OVR T2 20-440 (x20)	2CTB804200R1200
1	-	40	20	-	1.9	230/400	440	OVR T2 40-440 (x20)	2CTB804201R1200