

HV Sicherung, bis zu 1250 VAC / 1500 VDC bis zu 2000 A

new



DIN-Rail - Indicator & Microswitch



Bolt-on / MSD



US Style Bolted Tag



Flush End - Indicator

500/1000/1500VDC · HV Sicherung

Siehe unten:

[Zulassungen und Konformitäten](#)

Beschreibung

- Ein umfassendes Sortiment an Schmelzsicherungen mit quadratischem Gehäuse, entwickelt für den industriellen Schutz

Alleinstellungsmerkmale

- Kompakte Grösse
- Hohe Sicherheit und Zuverlässigkeit
- Mechanische Vibrations- und Stossfestigkeit
- Beständigkeit gegen chemische Belastung und Temperaturschocks

Anwendungen

- Ladeinfrastruktur
- Manueller Lasttrennschalter (Manual Service Disconnect)
- Energiespeichersystem / BESS: Pack, Rack, PCS, Sektion, Modul, PDU
- Leistungsumwandlungsgeräte (USV, Wechselrichter, Gleichrichter, Antriebe)
- Industrieanlagen (Heizgeräte, Schweisstechnik, Metallbearbeitungsgeräte usw.)

Weblinks

[PDF-Datenblatt](#), [HTML-Datenblatt](#), [Allgemeine Produktinformation](#), [Distributor-Stock-Check](#), [Detailanfrage zu Typ](#)

Technische Daten

Nennspannung	500/1000/1500VDC (1250 VAC verfügbar für ausgewählte Serien)
Nennstrom	50 - 2000A
Ausschaltvermögen	bis 250 kA
Charakteristik	HV Sicherung
Montage	Flush End, DIN-Rail, US-Bolzenbefestigung, Bolt-on, MSD
Zulässige Umgebungstemp.	-40 °C bis 125 °C
Material: Anschlüsse	Kupferlegierung, verzinkt
Material: Körper	Keramik
Lagerbedingungen	-40 °C bis 70 °C, max. 70% r.F.
Stempelung	 Typ, Nennstrom, Nennspannung, Schaltvermögen, Zulassungen

Vibrationsbeständigkeit	IEC 60068-2-64
Salt mist	IEC 60068-2-11
Feuchte Wärme, konstant	IEC 60068-2-3
Thermischer Schock	IEC 60068-2-14
Mechanischer Schock	IEC 60068-2-27

Zulassungen und Konformitäten

Detaillierte Informationen zu Zulassungen, Normanforderungen, Verwendungshinweisen und Prüfdetails finden Sie in [Details über Zulassungen](#)

SCHURTER Produkte sind grundsätzlich für den Einsatz im industriellen Umfeld ausgelegt. Sie verfügen über Zulassungen unabhängiger Prüfstellen gemäss nationaler und internationaler Normen.

Produkte mit spezifischen Eigenschaften und Anforderungen wie sie etwa im Bereich Automotive nach IATF 16949, der Medizintechnik gemäss ISO 13485 oder in der Luft- und Raumfahrt gefordert werden, können ausschliesslich mit kundenspezifischen, individuellen Vereinbarungen durch SCHURTER angeboten werden.

Zulassungen

Durch das Zulassungszeichen bescheinigen die Prüfstellen die Einhaltung der sicherheitstechnischen Anforderungen, die an elektronische Produkte gestellt werden.

Zulassung Referenztyp: EKO

Zulassungslogo	Zertifikat	Zulassungsstelle	Beschreibung
	UL Zulassungen	UL	UR Ausweisnummer: E531402
	CCC Zulassungen	CCC	CCC Ausweisnummer: Refer to the link 'CCC-Approvals'

Produktnormen

Produktnormen, welche referenziert werden

Organisation	Design	Norm	Beschreibung
	Ausgelegt gemäss	IEC 60269-4	Niederspannungssicherungen - Teil 4: Zusätzliche Anforderungen an Sicherungseinsätze zum Schutz von Halbleiter-Bauelementen
	Ausgelegt gemäss	UL 248-13	Niederspannungssicherungen - Teil 13: Halbleitersicherungen
	Ausgelegt gemäss	GB/T13539.4	Niederspannungssicherungen Teil 4: Ergänzende Anforderungen an Sicherungselemente zum Schutz von Halbleiterbauelementen

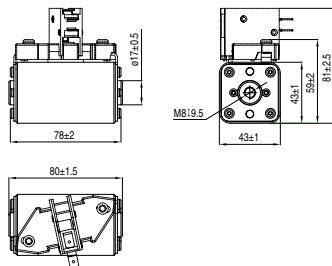
Konformitäten

Das Produkt ist konform mit folgenden Richtlinien

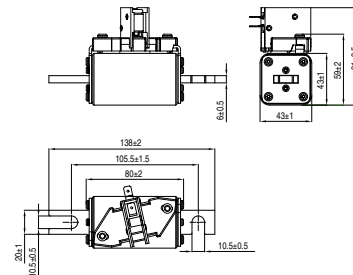
Identifikation	Details	Aussteller	Beschreibung
	CE-Konformitätserklärung	SCHURTER AG	Die CE-Kennzeichnung erklärt, dass das Produkt gemäss der EU-Vordnung 765/2008 den geltenden Anforderungen genügt, die in den Harmonisierungsrechtsvorschriften der Gemeinschaft über ihre Anbringung festgelegt sind.
	RoHS	SCHURTER AG	Richtlinie RoHS 2011/65/EU, Ergänzung (EU) 2015/863
	China RoHS	SCHURTER AG	Das Gesetz SJ/T 11363-2006 (China RoHS) ist seit dem 1. März 2007 in Kraft. Ähnlich wie bei der EU-Richtlinie RoHS.
	REACH	SCHURTER AG	Am 1. Juni 2007 trat die Verordnung (EG) Nr. 1907/2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe 1 (kurz: "REACH") in Kraft.

Dimension [mm]

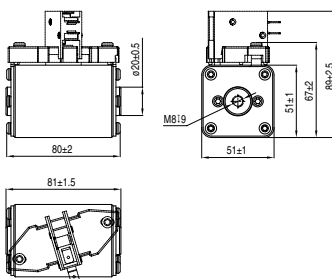
EK011 FLA (-LS)



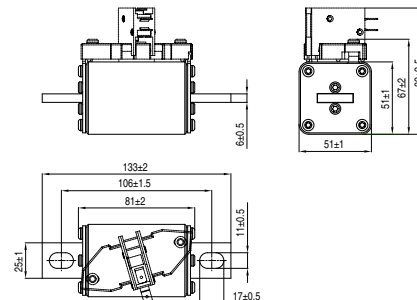
EK011 DIA (-LS)



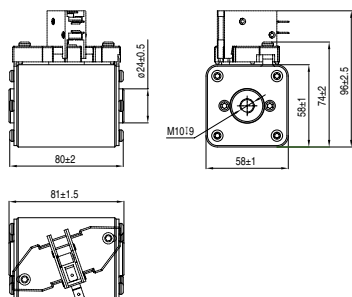
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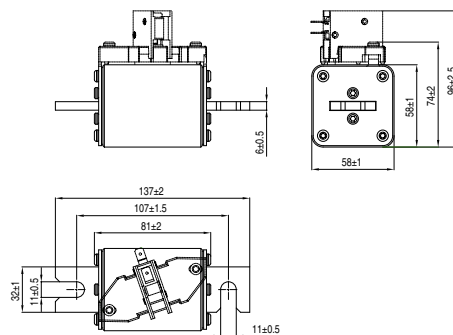
EK012 UBA (-LS)



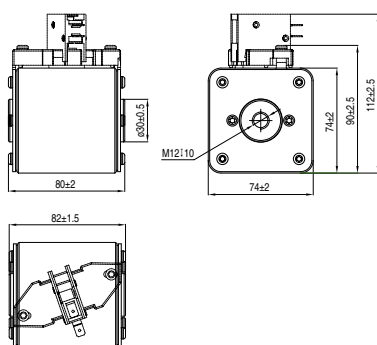
EK013 FLA (-LS)



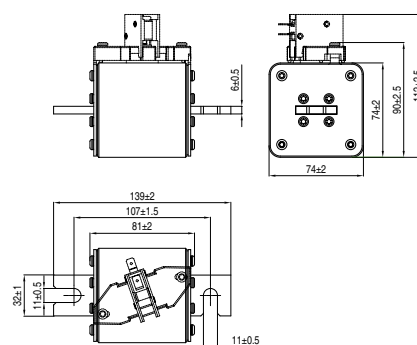
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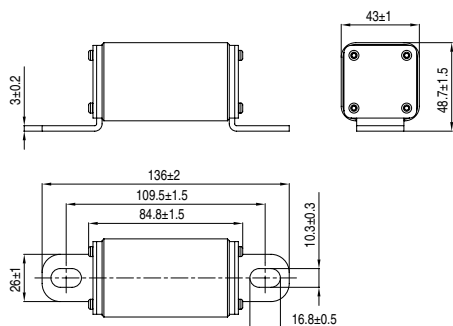
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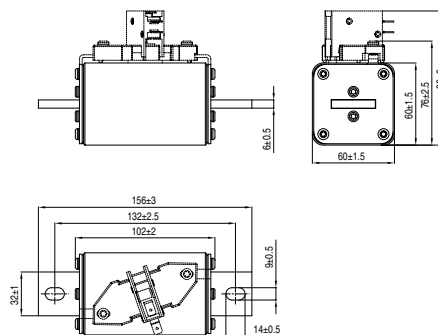
EK014 DIA (-LS)



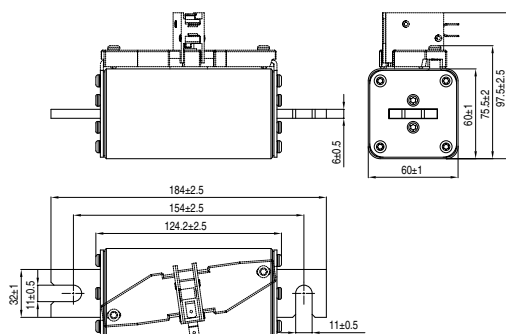
EK016 B0A



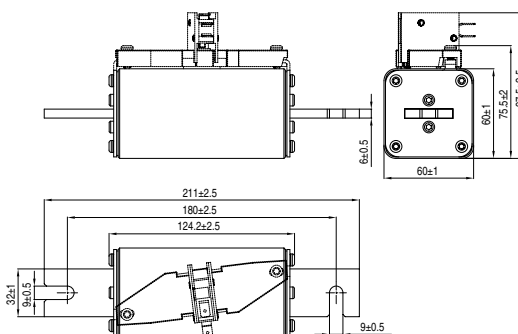
EK041 UBA (-LS)



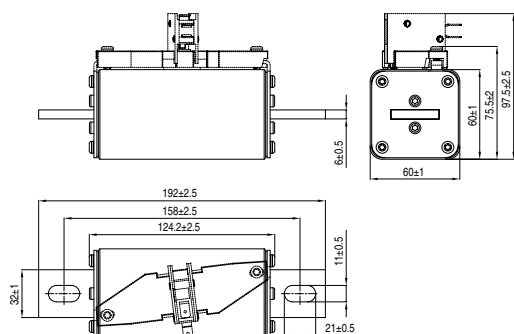
EK042 DIA (-LS)



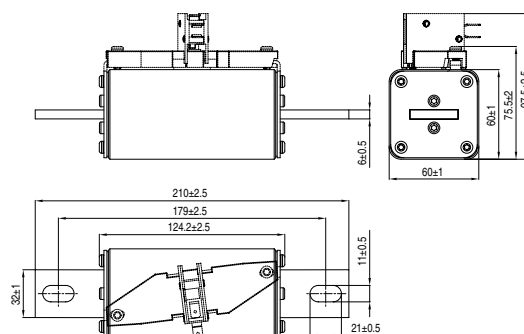
EK042 DIB (-LS)



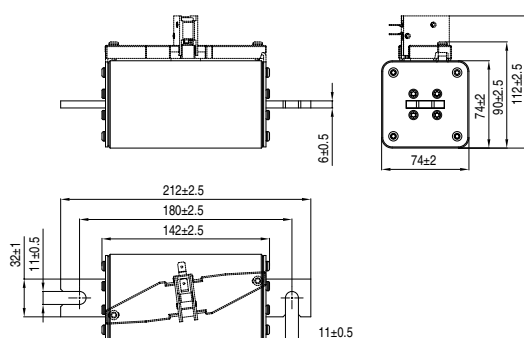
EK042 UBA (-LS)



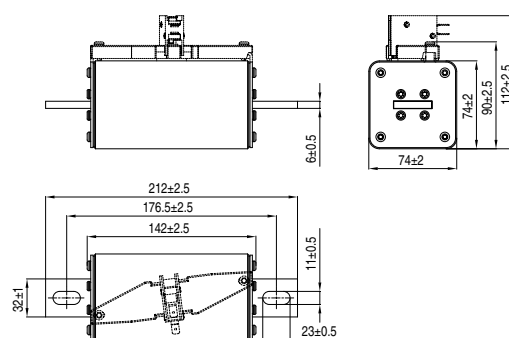
EK042 UBB (-LS)



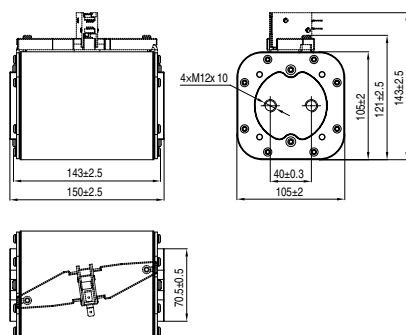
EK043 DIA (-LS)



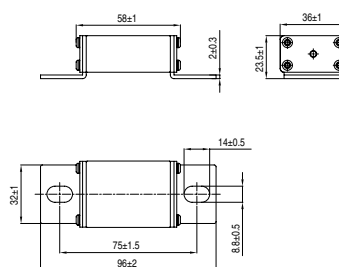
EK043 UBA (-LS)



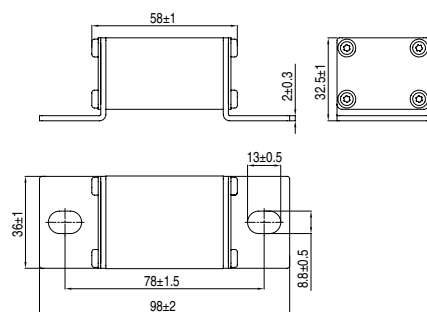
EK044 FLA (-LS)



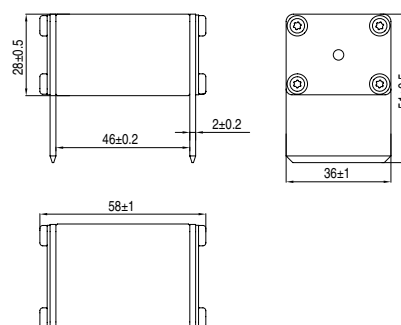
EK081 BOA



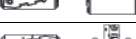
EK083 BOA



EK083 MSD

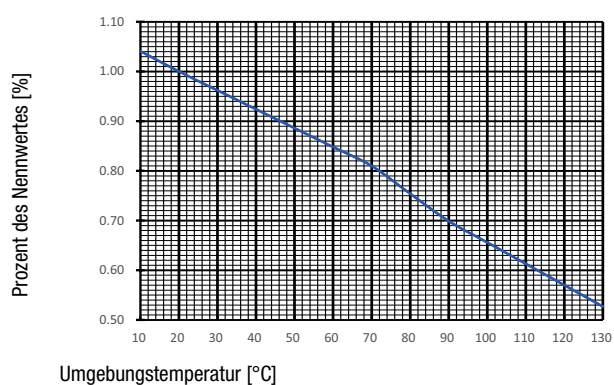


Montageanleitungen

-FL(*)		Mounting: Flush End
-DI(*)		Mounting: DIN Bolted Tag
-UB(*)		Mounting: US Style Bolted Tag
-BO(*)		Mounting: Bolt On
-MSD		Mounting: MSD specific
-LI		Accessory: Indicator
-LS		Accessory: Indicator with microswitch

Anmerkung: (*) steht für die Grösse des Anschlusses, z. B. FLA, DIA usw.

Derating Kurven



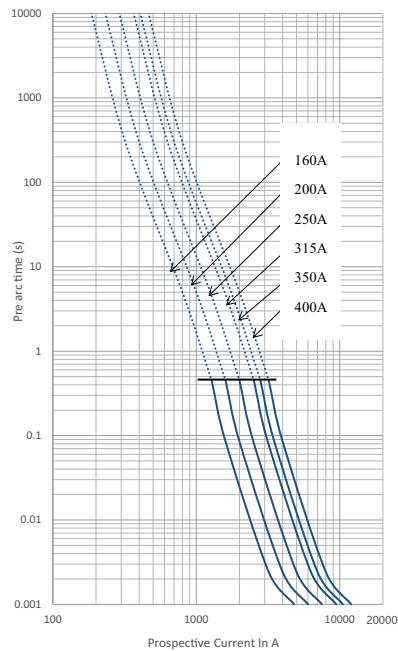
Schmelzzeiten

Nennstrom I_n 5.0 x I_n min. 8.0 x I_n min.

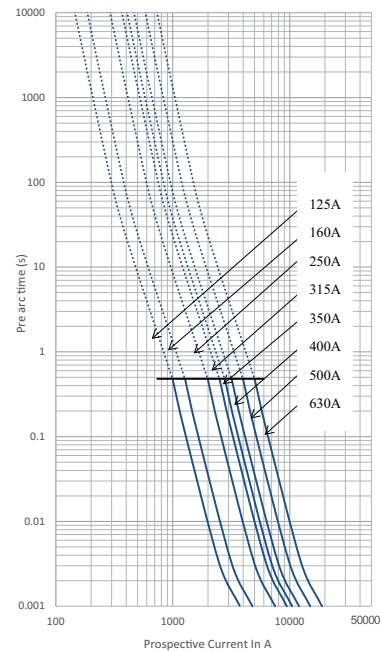
50 A - 1100 A 1 s 0.02 s

Zeit-Strom-Kennlinien

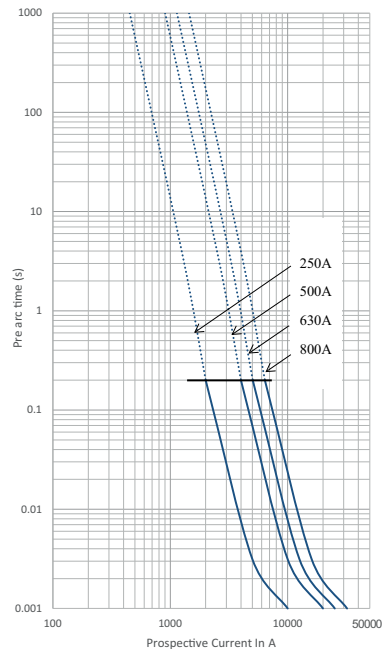
EK011 160~400 A



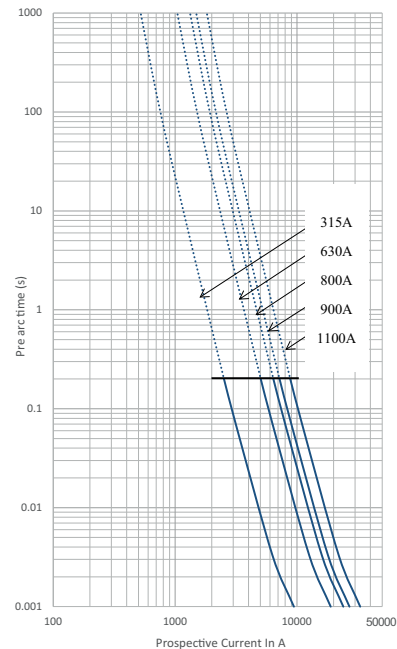
EK012 125~630 A



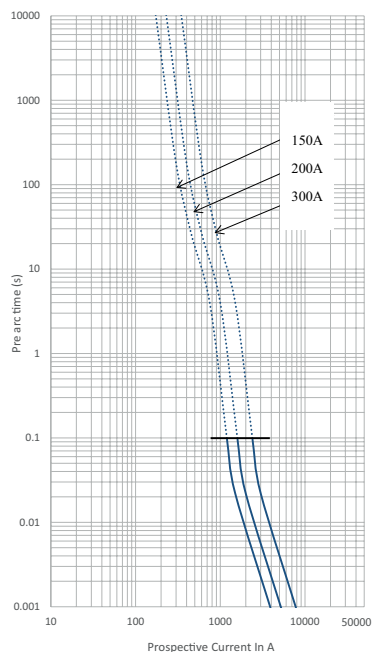
EK013 250~800 A



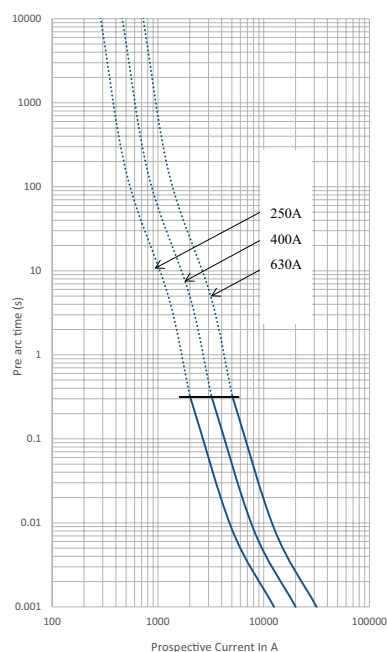
EK014 315~1100 A



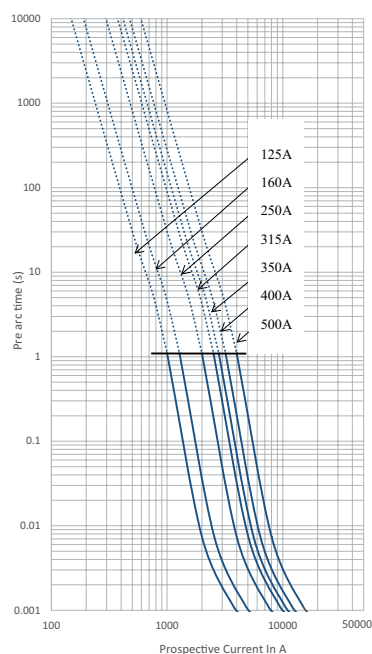
EK016 150~300 A, 1500 VDC



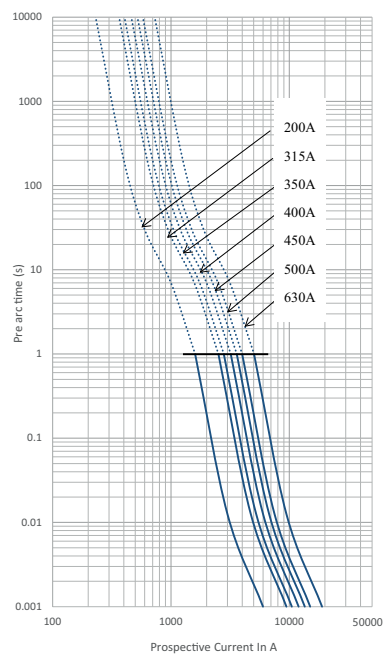
EK041 250~630 A, 1500 VDC



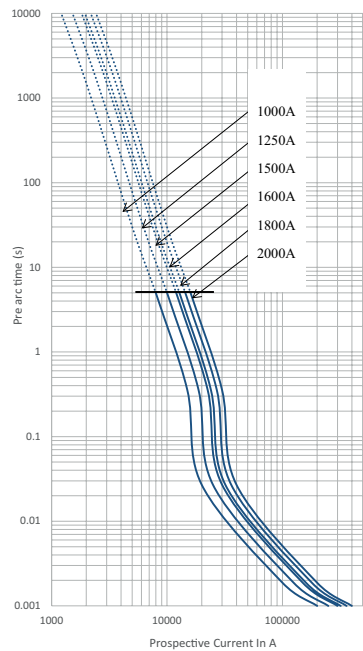
EK042 125~500 A, 1500 VDC



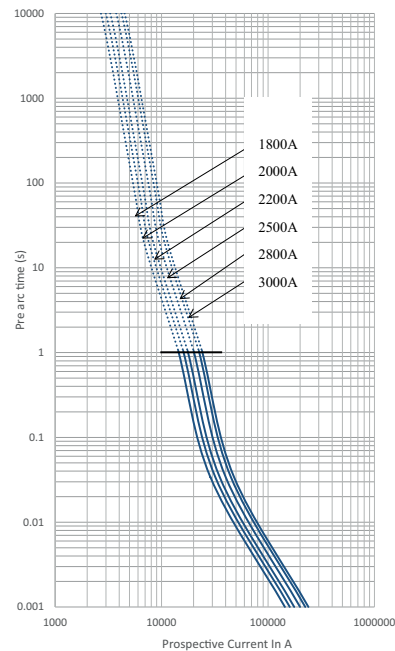
EK043 200~630 A, 1500 VDC



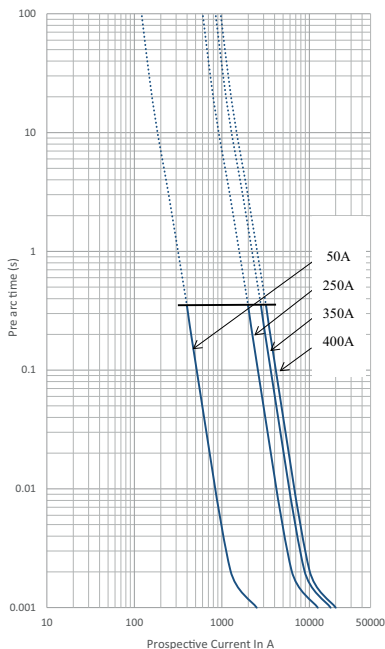
EK044 1000~2000 A, 1500 VDC



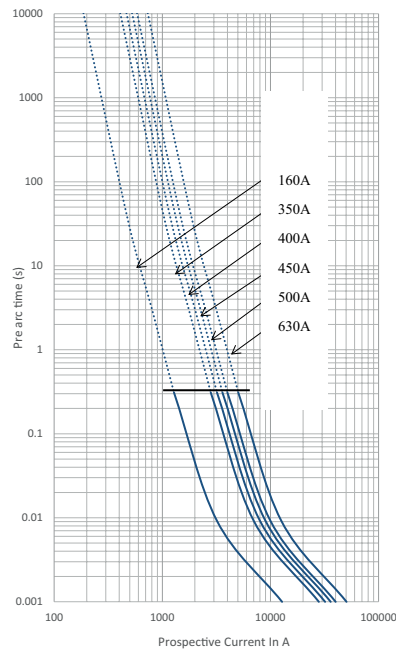
EK045 1800~3000 A, 1500 VDC



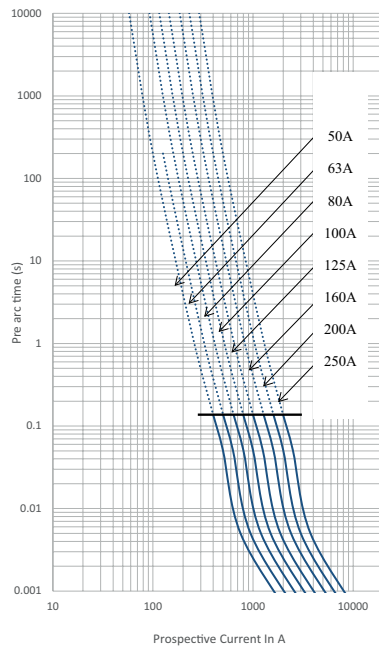
EK081 50~400 A, 500 VDC



EK083 160~630 A, 500 VDC



EK085 50~250 A, 1000 VDC



Varianten

Produkt Serie	Nenn- strom [A]	Nenn- span- nung [VDC]	Nenn- span- nung [VAC]	Länge [mm]	Breite [mm]	Höhe [mm]	Mon- tage	Anzei- gee- le- ment	Mikro- schal- ter	Aus- schalt- vermö- gen	Vorschmelz- phase I²t typ. k[A²s]	Schmelz- integral I²t typ. k[A²s]	Verlust- leistung 1.0 I _n typ. [W]		Verpa- ckung [ST]	Bestell- Nummer	
EK011	160	1000	1250	80	43	43	DIA	●	●	2)	18.3	50.4	23	●	●	60	3-158-368
EK011	200	1000	1250	80	43	43	DIA	●	●	2)	28.5	78.8	28	●	●	60	3-158-369
EK011	250	1000	1250	80	43	43	DIA	●	●	2)	44.6	123.1	38	●	●	60	3-158-387
EK011	315	1000	1250	80	43	43	DIA	●	●	2)	70.8	195.4	46	●	●	60	3-158-388
EK011	400	1000	1250	80	43	43	DIA	●	●	2)	114.1	315.1	64	●	●	60	3-158-389
EK011	350	1000	1250	80	43	43	DIA	●	●	2)	87.4	241.2	50	●	●	60	3-158-466
EK011	160	1000	1250	80	43	43	DIA	●		2)	18.3	50.4	23	●	●	60	8060.0076
EK011	200	1000	1250	80	43	43	DIA	●		2)	28.5	78.8	28	●	●	60	8060.0077
EK011	250	1000	1250	80	43	43	DIA	●		2)	44.6	123.1	38	●	●	60	8060.0078
EK011	315	1000	1250	80	43	43	DIA	●		2)	70.8	195.4	46	●	●	60	8060.0079
EK011	350	1000	1250	80	43	43	DIA	●		2)	87.4	241.2	50	●	●	60	8060.0080
EK011	400	1000	1250	80	43	43	DIA	●		2)	114.1	315.1	64	●	●	60	8060.0081
EK011	160	1000	1250	80	43	43	DIA			2)	18.3	50.4	23	●	●	60	8060.0065
EK011	200	1000	1250	80	43	43	DIA			2)	28.5	78.8	28	●	●	60	8060.0066
EK011	250	1000	1250	80	43	43	DIA			2)	44.6	123.1	38	●	●	60	8060.0067
EK011	315	1000	1250	80	43	43	DIA			2)	70.8	195.4	46	●	●	60	8060.0068
EK011	350	1000	1250	80	43	43	DIA			2)	87.4	241.2	50	●	●	60	8060.0069
EK011	400	1000	1250	80	43	43	DIA			2)	114.1	315.1	64	●	●	60	8060.0070
EK011	160	1000	1250	80	43	43	FLA	●	●	2)	18.3	50.4	23	●	●	60	3-158-362
EK011	200	1000	1250	80	43	43	FLA	●	●	2)	28.5	78.8	28	●	●	60	3-158-363
EK011	250	1000	1250	80	43	43	FLA	●	●	2)	44.6	123.1	38	●	●	60	3-158-364
EK011	315	1000	1250	80	43	43	FLA	●	●	2)	70.8	195.4	46	●	●	60	3-158-365
EK011	350	1000	1250	80	43	43	FLA	●	●	2)	87.4	241.2	50	●	●	60	3-158-366

Produkt Serie	Nennstrom [A]	Nennspannung [VDC]	Nennspannung [VAC]	Länge [mm]	Breite [mm]	Höhe [mm]	Montage	Anzeigeelement	Mikroschalter	Ausschaltvermögen	Vorschmelzphase I ² t typ. k[A ² s]	Schmelzintegral I ² t typ. k[A ² s]	Verlustleistung 1.0 I _n typ. [W]			Verpackung [ST]	Bestellnummer
EKO11	400	1000	1250	80	43	43	FLA	●	●	2)	114.1	315.1	64	●	●	60	3-158-367
EKO11	160	1000	1250	80	43	43	FLA	●		2)	18.3	50.4	23	●	●	60	8060.0036
EKO11	200	1000	1250	80	43	43	FLA	●		2)	28.5	78.8	28	●	●	60	8060.0037
EKO11	250	1000	1250	80	43	43	FLA	●		2)	44.6	123.1	38	●	●	60	8060.0038
EKO11	315	1000	1250	80	43	43	FLA	●		2)	70.8	195.4	46	●	●	60	8060.0039
EKO11	350	1000	1250	80	43	43	FLA	●		2)	87.4	241.2	50	●	●	60	8060.0040
EKO11	400	1000	1250	80	43	43	FLA	●		2)	114.1	315.1	64	●	●	60	8060.0041
EKO11	160	1000	1250	80	43	43	FLA			2)	18.3	50.4	23	●	●	60	8060.0025
EKO11	200	1000	1250	80	43	43	FLA			2)	28.5	78.8	28	●	●	60	8060.0026
EKO11	250	1000	1250	80	43	43	FLA			2)	44.6	123.1	38	●	●	60	8060.0027
EKO11	315	1000	1250	80	43	43	FLA			2)	70.8	195.4	46	●	●	60	8060.0028
EKO11	350	1000	1250	80	43	43	FLA			2)	87.4	241.2	50	●	●	60	8060.0029
EKO11	400	1000	1250	80	43	43	FLA			2)	114.1	315.1	64	●	●	60	8060.0030
EKO12	125	1000	-	81	51	51	FLA	●	●	1)	7.83	37.4	20	●	●	60	3-158-390
EKO12	250	1000	-	81	51	51	FLA	●	●	1)	35.26	104.87	41	●	●	60	3-158-391
EKO12	315	1000	-	81	51	51	FLA	●	●	1)	76.4	185.84	48	●	●	60	3-158-392
EKO12	350	1000	-	81	51	51	FLA	●	●	1)	94.3	225.02	52	●	●	60	3-158-393
EKO12	400	1000	-	81	51	51	FLA	●	●	1)	123.2	255.96	62	●	●	60	3-158-394
EKO12	500	1000	-	81	51	51	FLA	●	●	1)	192.4	446.9	74	●	●	60	3-158-395
EKO12	630	1000	-	81	51	51	FLA	●	●	1)	385.9	692.82	95	●	●	60	3-158-396
EKO12	160	1000	-	81	51	51	FLA	●	●	1)	19.7	61.3	23	●	●	60	3-158-397
EKO12	125	1000	-	81	51	51	FLA	●		1)	7.83	37.4	20	●	●	60	8060.0150
EKO12	160	1000	-	81	51	51	FLA	●		1)	19.7	61.3	23	●	●	60	8060.0151
EKO12	250	1000	-	81	51	51	FLA	●		1)	35.26	104.87	41	●	●	60	8060.0153
EKO12	315	1000	-	81	51	51	FLA	●		1)	76.4	185.84	48	●	●	60	8060.0154
EKO12	350	1000	-	81	51	51	FLA	●		1)	94.3	225.02	52	●	●	60	8060.0155
EKO12	400	1000	-	81	51	51	FLA	●		1)	123.2	255.96	62	●	●	60	8060.0156
EKO12	500	1000	-	81	51	51	FLA	●		1)	192.4	446.9	74	●	●	60	8060.0158
EKO12	630	1000	-	81	51	51	FLA	●		1)	385.9	692.82	95	●	●	60	8060.0159
EKO12	125	1000	-	81	51	51	FLA			1)	7.83	37.4	20	●	●	60	8060.0140
EKO12	160	1000	-	81	51	51	FLA			1)	19.7	61.3	23	●	●	60	8060.0141
EKO12	250	1000	-	81	51	51	FLA			1)	35.26	104.87	41	●	●	60	8060.0143
EKO12	315	1000	-	81	51	51	FLA			1)	76.4	185.84	48	●	●	60	8060.0144
EKO12	350	1000	-	81	51	51	FLA			1)	94.3	225.02	52	●	●	60	8060.0145
EKO12	400	1000	-	81	51	51	FLA			1)	123.2	255.96	62	●	●	60	8060.0146
EKO12	500	1000	-	81	51	51	FLA			1)	192.4	446.9	74	●	●	60	8060.0148
EKO12	630	1000	-	81	51	51	FLA			1)	385.9	692.82	95	●	●	60	8060.0149
EKO12	125	1000	-	81	51	51	UBA	●	●	1)	7.83	37.4	20	●	●	60	3-158-398
EKO12	315	1000	-	81	51	51	UBA	●	●	1)	76.4	185.84	48	●	●	60	3-158-401
EKO12	350	1000	-	81	51	51	UBA	●	●	1)	94.3	225.02	52	●	●	60	3-158-402
EKO12	400	1000	-	81	51	51	UBA	●	●	1)	123.2	255.96	62	●	●	60	3-158-403
EKO12	500	1000	-	81	51	51	UBA	●	●	1)	192.4	446.9	74	●	●	60	3-158-404
EKO12	630	1000	-	81	51	51	UBA	●	●	1)	385.9	692.82	95	●	●	60	3-158-405
EKO12	250	1000	-	81	51	51	UBA	●	●	1)	35.26	104.87	41	●	●	60	3-158-465
EKO12	160	1000	-	81	51	51	UBA	●	●	1)	19.7	61.3	23	●	●	60	3-159-088
EKO12	125	1000	-	81	51	51	UBA	●		1)	7.83	37.4	20	●	●	60	8060.0180

Produkt Serie	Nennstrom [A]	Nennspannung [VDC]	Nennspannung [VAC]	Länge [mm]	Breite [mm]	Höhe [mm]	Montage	Anzeigeelement	Mikroschalter	Ausschaltvermögen	Vorschmelzphase I ² t typ. k[A ² s]	Schmelzintegral I ² t typ. k[A ² s]	Verlustleistung 1.0 I _n typ. [W]			Verpackung [ST]	Bestellnummer
EK012	160	1000	-	81	51	51	UBA	●		1)	19.7	61.3	23	●	●	60	8060.0181
EK012	250	1000	-	81	51	51	UBA	●		1)	35.26	104.87	41	●	●	60	8060.0183
EK012	315	1000	-	81	51	51	UBA	●		1)	76.4	185.84	48	●	●	60	8060.0184
EK012	350	1000	-	81	51	51	UBA	●		1)	94.3	225.02	52	●	●	60	8060.0185
EK012	400	1000	-	81	51	51	UBA	●		1)	123.2	255.96	62	●	●	60	8060.0186
EK012	500	1000	-	81	51	51	UBA	●		1)	192.4	446.9	74	●	●	60	8060.0188
EK012	630	1000	-	81	51	51	UBA	●		1)	385.9	692.82	95	●	●	60	8060.0189
EK012	125	1000	-	81	51	51	UBA			1)	7.83	37.4	20	●	●	60	8060.0170
EK012	160	1000	-	81	51	51	UBA			1)	19.7	61.3	23	●	●	60	8060.0171
EK012	250	1000	-	81	51	51	UBA			1)	35.26	104.87	41	●	●	60	8060.0173
EK012	315	1000	-	81	51	51	UBA			1)	76.4	185.84	48	●	●	60	8060.0174
EK012	350	1000	-	81	51	51	UBA			1)	94.3	225.02	52	●	●	60	8060.0175
EK012	400	1000	-	81	51	51	UBA			1)	123.2	255.96	62	●	●	60	8060.0176
EK012	500	1000	-	81	51	51	UBA			1)	192.4	446.9	74	●	●	60	8060.0178
EK012	630	1000	-	81	51	51	UBA			1)	385.9	692.82	95	●	●	60	8060.0179
EK013	250	1000	1250	81	58	58	DIA	●	●	2)	29.8	93.1	41		●	24	3-158-410
EK013	500	1000	1250	81	58	58	DIA	●	●	2)	224.51	447.54	74		●	24	3-158-411
EK013	630	1000	1250	81	58	58	DIA	●	●	2)	385.62	591	92		●	24	3-158-412
EK013	800	1000	1250	81	58	58	DIA	●	●	2)	653.19	953	120		●	24	3-158-413
EK013	250	1000	1250	81	58	58	DIA	●		2)	29.8	93.1	41		●	24	8060.0249
EK013	500	1000	1250	81	58	58	DIA	●		2)	224.51	447.54	74		●	24	8060.0254
EK013	630	1000	1250	81	58	58	DIA	●		2)	385.62	591	92		●	24	8060.0255
EK013	800	1000	1250	81	58	58	DIA	●		2)	653.19	953	120		●	24	8060.0257
EK013	250	1000	1250	81	58	58	DIA			2)	29.8	93.1	41		●	24	8060.0240
EK013	500	1000	1250	81	58	58	DIA			2)	224.51	447.54	74		●	24	8060.0245
EK013	630	1000	1250	81	58	58	DIA			2)	385.62	591	92		●	24	8060.0246
EK013	800	1000	1250	81	58	58	DIA			2)	653.19	953	120		●	24	8060.0248
EK013	250	1000	1250	81	58	58	FLA	●	●	2)	29.8	93.1	41		●	24	3-158-406
EK013	500	1000	1250	81	58	58	FLA	●	●	2)	224.51	447.54	74		●	24	3-158-407
EK013	630	1000	1250	81	58	58	FLA	●	●	2)	385.62	591	92		●	24	3-158-408
EK013	800	1000	1250	81	58	58	FLA	●	●	2)	653.19	953	120		●	24	3-158-409
EK013	250	1000	1250	81	58	58	FLA	●		2)	29.8	93.1	41		●	24	8060.0219
EK013	500	1000	1250	81	58	58	FLA	●		2)	224.51	447.54	74		●	24	8060.0224
EK013	630	1000	1250	81	58	58	FLA	●		2)	385.62	591	92		●	24	8060.0225
EK013	800	1000	1250	81	58	58	FLA	●		2)	653.19	953	120		●	24	8060.0227
EK013	250	1000	1250	81	58	58	FLA			2)	29.8	93.1	41		●	24	8060.0210
EK013	500	1000	1250	81	58	58	FLA			2)	224.51	447.54	74		●	24	8060.0215
EK013	630	1000	1250	81	58	58	FLA			2)	385.62	591	92		●	24	8060.0216
EK013	800	1000	1250	81	58	58	FLA			2)	653.19	953	120		●	24	8060.0218
EK014	315	1000	1250	82	74	74	DIA	●	●	2)	79.02	195.69	48	●	●	12	3-158-420
EK014	630	1000	1250	82	74	74	DIA	●	●	2)	385.62	695.02	95	●	●	12	3-158-422
EK014	800	1000	1250	82	74	74	DIA	●	●	2)	653.19	1075.72	121	●	●	12	3-158-423
EK014	900	1000	1250	82	74	74	DIA	●	●	2)	1311.73	2041.7	130	●	●	12	3-158-424
EK014	2000	1000	1250	82	74	74	DIA	●	●	2)	1590	3050	151	●	●	12	3-158-425
EK014	315	1000	1250	82	74	74	DIA	●		2)	79.02	195.69	48	●	●	12	8060.0416
EK014	630	1000	1250	82	74	74	DIA	●		2)	385.62	695.02	95	●	●	12	8060.0425

Produkt Serie	Nennstrom [A]	Nennspannung [VDC]	Nennspannung [VAC]	Länge [mm]	Breite [mm]	Höhe [mm]	Montage	Anzeigeelement	Mikroschalter	Ausschaltvermögen	Vorschmelzphase I ² t typ. k[A ² s]	Schmelzintegral I ² t typ. k[A ² s]	Verlustleistung 1.0 I _N typ. [W]			Verpackung [ST]	Bestell-Nummer
EKO14	800	1000	1250	82	74	74	DIA	●		2)	653.19	1075.72	121	●	●	12	8060.0428
EKO14	900	1000	1250	82	74	74	DIA	●		2)	1311.73	2041.7	130	●	●	12	8060.0430
EKO14	2000	1000	1250	82	74	74	DIA	●		2)	1590	3050	151	●	●	12	8060.0433
EKO14	315	1000	1250	82	74	74	DIA			2)	79.02	195.69	48	●	●	12	8060.0398
EKO14	630	1000	1250	82	74	74	DIA			2)	385.62	695.02	95	●	●	12	8060.0407
EKO14	800	1000	1250	82	74	74	DIA			2)	653.19	1075.72	121	●	●	12	8060.0410
EKO14	900	1000	1250	82	74	74	DIA			2)	1311.73	2041.7	130	●	●	12	8060.0412
EKO14	1100	1000	1250	82	74	74	DIA			2)	1590	3050	151	●	●	12	8060.0415
EKO14	315	1000	1250	82	74	74	FLA	●	●	2)	79.02	195.69	48	●	●	24	3-158-415
EKO14	630	1000	1250	82	74	74	FLA	●	●	2)	385.62	695.02	95	●	●	24	3-158-416
EKO14	800	1000	1250	82	74	74	FLA	●	●	2)	653.19	1075.72	121	●	●	24	3-158-417
EKO14	900	1000	1250	82	74	74	FLA	●	●	2)	1311.73	2041.7	130	●	●	24	3-158-418
EKO14	2000	1000	1250	82	74	74	FLA	●	●	2)	1590	3050	151	●	●	24	3-158-419
EKO14	315	1000	1250	82	74	74	FLA	●		2)	79.02	195.69	48	●	●	24	8060.0308
EKO14	630	1000	1250	82	74	74	FLA	●		2)	385.62	695.02	95	●	●	24	8060.0317
EKO14	800	1000	1250	82	74	74	FLA	●		2)	653.19	1075.72	121	●	●	24	8060.0320
EKO14	900	1000	1250	82	74	74	FLA	●		2)	1311.73	2041.7	130	●	●	24	8060.0322
EKO14	2000	1000	1250	82	74	74	FLA	●		2)	1590	3050	151	●	●	24	8060.0325
EKO14	315	1000	1250	82	74	74	FLA			2)	79.02	195.69	48	●	●	24	8060.0290
EKO14	630	1000	1250	82	74	74	FLA			2)	385.62	695.02	95	●	●	24	8060.0299
EKO14	800	1000	1250	82	74	74	FLA			2)	653.19	1075.72	121	●	●	24	8060.0302
EKO14	900	1000	1250	82	74	74	FLA			2)	1311.73	2041.7	130	●	●	24	8060.0304
EKO14	2000	1000	1250	82	74	74	FLA			2)	1590	3050	151	●	●	24	8060.0307
EKO16	150	1500	-	84	43	43	BOA			4)	14.18	28.45	32	●	●	40	3-163-702
EKO16	200	1500	-	84	43	43	BOA			4)	24.13	44.63	36	●	●	40	3-163-703
EKO16	300	1500	-	84	43	43	BOA			4)	50	99.76	60	●	●	40	3-163-704
EKO41	250	1500	-	102	60	60	UBA	●	●	3)	103	169.66	51	●	●	18	3-163-711
EKO41	400	1500	-	102	60	60	UBA	●	●	3)	279	397.98	80	●	●	18	3-163-712
EKO41	630	1500	-	102	60	60	UBA	●	●	3)	806	1400	127	●	●	18	3-163-713
EKO41	250	1500	-	102	60	60	UBA	●		3)	103	169.66	51	●	●	18	3-163-708
EKO41	400	1500	-	102	60	60	UBA	●		3)	279	397.98	80	●	●	18	3-163-709
EKO41	630	1500	-	102	60	60	UBA	●		3)	806	1400	127	●	●	18	3-163-710
EKO41	250	1500	-	102	60	60	UBA			3)	103	169.66	51	●	●	12	3-163-705
EKO41	400	1500	-	102	60	60	UBA			3)	279	397.98	80	●	●	12	3-163-706
EKO41	630	1500	-	102	60	60	UBA			3)	806	1400	127	●	●	12	3-163-707
EKO42	125	1500	-	124	60	60	DIA	●	●	6)	2.5	40.2	48	●	●	9	3-163-728
EKO42	160	1500	-	124	60	60	DIA	●	●	6)	7.3	66.7	55	●	●	9	3-163-729
EKO42	250	1500	-	124	60	60	DIA	●	●	6)	29.8	223.38	67	●	●	9	3-163-730
EKO42	315	1500	-	124	60	60	DIA	●	●	6)	48.67	332.68	83	●	●	9	3-163-731
EKO42	350	1500	-	124	60	60	DIA	●	●	6)	77.15	438.58	93	●	●	9	3-163-732
EKO42	400	1500	-	124	60	60	DIA	●	●	6)	99.98	515.49	100	●	●	9	3-163-733
EKO42	500	1500	-	124	60	60	DIA	●	●	6)	191.6	786.3	110	●	●	9	3-163-734
EKO42	125	1500	-	124	60	60	DIA	●		6)	2.5	40.2	48	●	●	9	3-163-721
EKO42	160	1500	-	124	60	60	DIA	●		6)	7.3	66.7	55	●	●	9	3-163-722
EKO42	250	1500	-	124	60	60	DIA	●		6)	29.8	223.38	67	●	●	9	3-163-723
EKO42	315	1500	-	124	60	60	DIA	●		6)	48.67	332.68	83	●	●	9	3-163-724

Produkt Serie	Nennstrom [A]	Nennspannung [VDC]	Nennspannung [VAC]	Länge [mm]	Breite [mm]	Höhe [mm]	Montage	Anzeigeelement	Mikroschalter	Ausschaltvermögen	Vorschmelzphase I ₂ t typ. k[A ² s]	Schmelzintegral I ₂ t typ. k[A ² s]	Verlustleistung 1.0 I _n typ. [W]			Verpackung [ST]	Bestellnummer
EK042	350	1500	-	124	60	60	DIA	●		6)	77.15	438.58	93	●	●	9	3-163-725
EK042	400	1500	-	124	60	60	DIA	●		6)	99.98	515.49	100	●	●	9	3-163-726
EK042	500	1500	-	124	60	60	DIA	●		6)	191.6	786.3	110	●	●	9	3-163-727
EK042	125	1500	-	124	60	60	DIA			6)	2.5	40.2	48	●	●	12	3-163-714
EK042	160	1500	-	124	60	60	DIA			6)	7.3	66.7	55	●	●	12	3-163-715
EK042	250	1500	-	124	60	60	DIA			6)	29.8	223.38	67	●	●	12	3-163-716
EK042	315	1500	-	124	60	60	DIA			6)	48.67	332.68	83	●	●	12	3-163-717
EK042	350	1500	-	124	60	60	DIA			6)	77.15	438.58	93	●	●	12	3-163-718
EK042	400	1500	-	124	60	60	DIA			6)	99.98	515.49	100	●	●	12	3-163-719
EK042	500	1500	-	124	60	60	DIA			6)	191.6	786.3	110	●	●	12	3-163-720
EK042	125	1500	-	124	60	60	DIB	●	●	6)	2.5	40.2	48	●	●	9	3-163-749
EK042	160	1500	-	124	60	60	DIB	●	●	6)	7.3	66.7	55	●	●	9	3-163-750
EK042	250	1500	-	124	60	60	DIB	●	●	6)	29.8	223.38	67	●	●	9	3-163-751
EK042	315	1500	-	124	60	60	DIB	●	●	6)	48.67	332.68	83	●	●	9	3-163-752
EK042	350	1500	-	124	60	60	DIB	●	●	6)	77.15	438.58	93	●	●	9	3-163-753
EK042	400	1500	-	124	60	60	DIB	●	●	6)	99.98	515.49	100	●	●	9	3-163-754
EK042	500	1500	-	124	60	60	DIB	●	●	6)	191.6	786.3	110	●	●	9	3-163-755
EK042	125	1500	-	124	60	60	DIB	●		6)	2.5	40.2	48	●	●	9	3-163-742
EK042	160	1500	-	124	60	60	DIB	●		6)	7.3	66.7	55	●	●	9	3-163-743
EK042	250	1500	-	124	60	60	DIB	●		6)	29.8	223.38	67	●	●	9	3-163-744
EK042	315	1500	-	124	60	60	DIB	●		6)	48.67	332.68	83	●	●	9	3-163-745
EK042	350	1500	-	124	60	60	DIB	●		6)	77.15	438.58	93	●	●	9	3-163-746
EK042	400	1500	-	124	60	60	DIB	●		6)	99.98	515.49	100	●	●	9	3-163-747
EK042	500	1500	-	124	60	60	DIB	●		6)	191.6	786.3	110	●	●	9	3-163-748
EK042	125	1500	-	124	60	60	DIB			6)	2.5	40.2	48	●	●	12	3-163-735
EK042	160	1500	-	124	60	60	DIB			6)	7.3	66.7	55	●	●	12	3-163-736
EK042	250	1500	-	124	60	60	DIB			6)	29.8	223.38	67	●	●	12	3-163-737
EK042	315	1500	-	124	60	60	DIB			6)	48.67	332.68	83	●	●	12	3-163-738
EK042	350	1500	-	124	60	60	DIB			6)	77.15	438.58	93	●	●	12	3-163-739
EK042	400	1500	-	124	60	60	DIB			6)	99.98	515.49	100	●	●	12	3-163-740
EK042	500	1500	-	124	60	60	DIB			6)	191.6	786.3	110	●	●	12	3-163-741
EK042	125	1500	-	124	60	60	UBA	●	●	6)	2.5	40.2	48	●	●	9	3-163-770
EK042	160	1500	-	124	60	60	UBA	●	●	6)	7.3	66.7	55	●	●	9	3-163-771
EK042	250	1500	-	124	60	60	UBA	●	●	6)	29.8	223.38	67	●	●	9	3-163-772
EK042	315	1500	-	124	60	60	UBA	●	●	6)	48.67	332.68	83	●	●	9	3-163-773
EK042	350	1500	-	124	60	60	UBA	●	●	6)	77.15	438.58	93	●	●	9	3-163-774
EK042	400	1500	-	124	60	60	UBA	●	●	6)	99.98	515.49	100	●	●	9	3-163-775
EK042	500	1500	-	124	60	60	UBA	●	●	6)	191.6	786.3	110	●	●	9	3-163-776
EK042	125	1500	-	124	60	60	UBA	●		6)	2.5	40.2	48	●	●	9	3-163-763
EK042	160	1500	-	124	60	60	UBA	●		6)	7.3	66.7	55	●	●	9	3-163-764
EK042	250	1500	-	124	60	60	UBA	●		6)	29.8	223.38	67	●	●	9	3-163-765
EK042	315	1500	-	124	60	60	UBA	●		6)	48.67	332.68	83	●	●	9	3-163-766
EK042	350	1500	-	124	60	60	UBA	●		6)	77.15	438.58	93	●	●	9	3-163-767
EK042	400	1500	-	124	60	60	UBA	●		6)	99.98	515.49	100	●	●	9	3-163-768
EK042	500	1500	-	124	60	60	UBA	●		6)	191.6	786.3	110	●	●	9	3-163-769
EK042	125	1500	-	124	60	60	UBA			6)	2.5	40.2	48	●	●	12	3-163-756

Produkt Serie	Nennstrom [A]	Nennspannung [VDC]	Nennspannung [VAC]	Länge [mm]	Breite [mm]	Höhe [mm]	Montage	Anzeigeelement	Mikroschalter	Ausschaltvermögen	Vorschmelzphase I _{pt} typ. k[A ² s]	Schmelzintegral I _t typ. k[A ² s]	Verlustleistung 1.0 I _n typ. [W]	 cULus		Verpackung [ST]	Bestellnummer
EKO42	160	1500	-	124	60	60	UBA			6)	7.3	66.7	55	●	●	12	3-163-757
EKO42	250	1500	-	124	60	60	UBA			6)	29.8	223.38	67	●	●	12	3-163-758
EKO42	315	1500	-	124	60	60	UBA			6)	48.67	332.68	83	●	●	12	3-163-759
EKO42	350	1500	-	124	60	60	UBA			6)	77.15	438.58	93	●	●	12	3-163-760
EKO42	400	1500	-	124	60	60	UBA			6)	99.98	515.49	100	●	●	12	3-163-761
EKO42	500	1500	-	124	60	60	UBA			6)	191.6	786.3	110	●	●	12	3-163-762
EKO42	125	1500	-	124	60	60	UBB	●	●	6)	2.5	40.2	48	●	●	9	3-163-790
EKO42	160	1500	-	124	60	60	UBB	●	●	6)	7.3	66.7	55	●	●	9	3-163-791
EKO42	250	1500	-	124	60	60	UBB	●	●	6)	29.8	223.38	67	●	●	9	3-163-792
EKO42	315	1500	-	124	60	60	UBB	●	●	6)	48.67	332.68	83	●	●	9	3-163-793
EKO42	350	1500	-	124	60	60	UBB	●	●	6)	77.15	438.58	93	●	●	9	3-163-794
EKO42	400	1500	-	124	60	60	UBB	●	●	6)	99.98	515.49	100	●	●	9	3-163-795
EKO42	500	1500	-	124	60	60	UBB	●	●	6)	191.6	786.3	110	●	●	9	3-163-796
EKO42	125	1500	-	124	60	60	UBB	●		6)	2.5	40.2	48	●	●	9	3-163-783
EKO42	160	1500	-	124	60	60	UBB	●		6)	7.3	66.7	55	●	●	9	3-163-784
EKO42	250	1500	-	124	60	60	UBB	●		6)	29.8	223.38	67	●	●	9	3-163-785
EKO42	315	1500	-	124	60	60	UBB	●		6)	48.67	332.68	83	●	●	9	3-163-786
EKO42	350	1500	-	124	60	60	UBB	●		6)	77.15	438.58	93	●	●	9	3-163-787
EKO42	400	1500	-	124	60	60	UBB	●		6)	99.98	515.49	100	●	●	9	3-163-788
EKO42	500	1500	-	124	60	60	UBB	●		6)	191.6	786.3	110	●	●	9	3-163-789
EKO42	160	1500	-	124	60	60	UBB			6)	7.3	66.7	55	●	●	12	3-163-777
EKO42	250	1500	-	124	60	60	UBB			6)	29.8	223.38	67	●	●	12	3-163-778
EKO42	315	1500	-	124	60	60	UBB			6)	48.67	332.68	83	●	●	12	3-163-779
EKO42	350	1500	-	124	60	60	UBB			6)	77.15	438.58	93	●	●	12	3-163-780
EKO42	400	1500	-	124	60	60	UBB			6)	99.98	515.49	100	●	●	12	3-163-781
EKO42	500	1500	-	124	60	60	UBB			6)	191.6	786.3	110	●	●	12	3-163-782
EKO42	125	1500	-	124	60	60	UBB			6)	2.5	40.2	48	●	●	12	3-164-171
EKO43	200	1500	-	142	74	74	DIA	●	●	6)	17.77	152.2	65		●	6	3-163-832
EKO43	315	1500	-	142	74	74	DIA	●	●	6)	58.1	352.02	78		●	6	3-163-833
EKO43	350	1500	-	142	74	74	DIA	●	●	6)	77.34	431.28	84		●	6	3-163-834
EKO43	400	1500	-	142	74	74	DIA	●	●	6)	99.66	515.9	97		●	6	3-163-835
EKO43	450	1500	-	142	74	74	DIA	●	●	6)	125.2	606.29	109		●	6	3-163-836
EKO43	500	1500	-	142	74	74	DIA	●	●	6)	186.3	804.49	113		●	6	3-163-837
EKO43	630	1500	-	142	74	74	DIA	●	●	6)	332.7	946.86	133		●	6	3-163-838
EKO43	200	1500	-	142	74	74	DIA	●		6)	17.77	152.2	65		●	6	3-163-825
EKO43	315	1500	-	142	74	74	DIA	●		6)	58.1	352.02	78		●	6	3-163-826
EKO43	350	1500	-	142	74	74	DIA	●		6)	77.34	431.28	84		●	6	3-163-827
EKO43	400	1500	-	142	74	74	DIA	●		6)	99.66	515.9	97		●	6	3-163-828
EKO43	450	1500	-	142	74	74	DIA	●		6)	125.2	606.29	109		●	6	3-163-829
EKO43	500	1500	-	142	74	74	DIA	●		6)	186.3	804.49	113		●	6	3-163-830
EKO43	630	1500	-	142	74	74	DIA	●		6)	332.7	946.86	133		●	6	3-163-831
EKO43	200	1500	-	142	74	74	DIA			6)	17.77	152.2	65		●	6	3-163-818
EKO43	315	1500	-	142	74	74	DIA			6)	58.1	352.02	78		●	6	3-163-819
EKO43	350	1500	-	142	74	74	DIA			6)	77.34	431.28	84		●	6	3-163-820
EKO43	400	1500	-	142	74	74	DIA			6)	99.66	515.9	97		●	6	3-163-821
EKO43	450	1500	-	142	74	74	DIA			6)	125.2	606.29	109		●	6	3-163-822

Produkt Serie	Nennstrom [A]	Nennspannung [VDC]	Nennspannung [VAC]	Länge [mm]	Breite [mm]	Höhe [mm]	Montage	Anzeigelement	Mikroschalter	Ausschaltvermögen	Vorschmelzphase I ² t typ. k[A ² s]	Schmelzintegral I ² t typ. k[A ² s]	Verlustleistung 1.0 I _n typ. [W]		Verpackung [ST]	Bestellnummer
EK043	500	1500	-	142	74	74	DIA			6)	186.3	804.49	113	●	6	3-163-823
EK043	630	1500	-	142	74	74	DIA			6)	332.7	946.86	133	●	6	3-163-824
EK043	200	1500	-	142	74	74	UBA	●	●	6)	17.77	152.2	65	●	6	3-163-811
EK043	315	1500	-	142	74	74	UBA	●	●	6)	58.1	352.02	78	●	6	3-163-812
EK043	350	1500	-	142	74	74	UBA	●	●	6)	77.34	431.28	84	●	6	3-163-813
EK043	400	1500	-	142	74	74	UBA	●	●	6)	99.66	515.9	97	●	6	3-163-814
EK043	450	1500	-	142	74	74	UBA	●	●	6)	125.2	606.29	109	●	6	3-163-815
EK043	500	1500	-	142	74	74	UBA	●	●	6)	186.3	804.49	113	●	6	3-163-816
EK043	630	1500	-	142	74	74	UBA	●	●	6)	332.7	946.86	133	●	6	3-163-817
EK043	200	1500	-	142	74	74	UBA	●		6)	17.77	152.2	65	●	6	3-163-804
EK043	315	1500	-	142	74	74	UBA	●		6)	58.1	352.02	78	●	6	3-163-805
EK043	350	1500	-	142	74	74	UBA	●		6)	77.34	431.28	84	●	6	3-163-806
EK043	400	1500	-	142	74	74	UBA	●		6)	99.66	515.9	97	●	6	3-163-807
EK043	450	1500	-	142	74	74	UBA	●		6)	125.2	606.29	109	●	6	3-163-808
EK043	500	1500	-	142	74	74	UBA	●		6)	186.3	804.49	113	●	6	3-163-809
EK043	630	1500	-	142	74	74	UBA	●		6)	332.7	946.86	133	●	6	3-163-810
EK043	200	1500	-	142	74	74	UBA			6)	17.77	152.2	65	●	6	3-163-797
EK043	315	1500	-	142	74	74	UBA			6)	58.1	352.02	78	●	6	3-163-798
EK043	350	1500	-	142	74	74	UBA			6)	77.34	431.28	84	●	6	3-163-799
EK043	400	1500	-	142	74	74	UBA			6)	99.66	515.9	97	●	6	3-163-800
EK043	450	1500	-	142	74	74	UBA			6)	125.2	606.29	109	●	6	3-163-801
EK043	500	1500	-	142	74	74	UBA			6)	186.3	804.49	113	●	6	3-163-802
EK043	630	1500	-	142	74	74	UBA			6)	332.7	946.86	133	●	6	3-163-803
EK044	1000	1500	-	143	105	105	FLA	●	●	5)	2899	5382.68	137	●	4	3-163-851
EK044	1250	1500	-	143	105	105	FLA	●	●	5)	4891	8298.5	173	●	4	3-163-852
EK044	1500	1500	-	143	105	105	FLA	●	●	5)	5402	9645.37	232	●	4	3-163-853
EK044	1600	1500	-	143	105	105	FLA	●	●	5)	6025	10377.65	252	●	4	3-163-854
EK044	1800	1500	-	143	105	105	FLA	●	●	5)	8844	13650.54	278	●	4	3-163-855
EK044	2000	1500	-	143	105	105	FLA	●	●	5)	10000	21000	318	●	4	3-163-856
EK044	1000	1500	-	143	105	105	FLA	●		5)	2899	5382.68	137	●	4	3-163-845
EK044	1250	1500	-	143	105	105	FLA	●		5)	4891	8298.5	173	●	4	3-163-846
EK044	1500	1500	-	143	105	105	FLA	●		5)	5402	9645.37	232	●	4	3-163-847
EK044	1600	1500	-	143	105	105	FLA	●		5)	6025	10377.65	252	●	4	3-163-848
EK044	1800	1500	-	143	105	105	FLA	●		5)	8844	13650.54	278	●	4	3-163-849
EK044	2000	1500	-	143	105	105	FLA	●		5)	10000	21000	318	●	4	3-163-850
EK044	1000	1500	-	143	105	105	FLA			5)	2899	5382.68	137	●	4	3-163-839
EK044	1250	1500	-	143	105	105	FLA			5)	4891	8298.5	173	●	4	3-163-840
EK044	1500	1500	-	143	105	105	FLA			5)	5402	9645.37	232	●	4	3-163-841
EK044	1600	1500	-	143	105	105	FLA			5)	6025	10377.65	252	●	4	3-163-842
EK044	1800	1500	-	143	105	105	FLA			5)	8844	13650.54	278	●	4	3-163-843
EK044	2000	1500	-	143	105	105	FLA			5)	10000	21000	318	●	4	3-163-844
EK081	50	500	-	58	36	23.5	BOA			1)	1.88	12.32	5	●	180	3-158-849
EK081	250	500	-	58	36	23.5	BOA			1)	45.44	127.68	28	●	180	3-158-850
EK081	350	500	-	58	36	23.5	BOA			1)	133	256.19	38	●	180	3-158-851
EK081	400	500	-	58	36	23.5	BOA			1)	173.7	466.5	40	●	180	3-158-852
EK083	160	500	-	57	36	32.5	BOA			3)	51	101	16	●	48	3-163-881

Produkt Serie	Nennstrom [A]	Nennspannung [VDC]	Nennspannung [VAC]	Länge [mm]	Breite [mm]	Höhe [mm]	Montage	Anzeigeelement	Mikroschalter	Ausschaltvermögen	Vorschmelzphase I ² t typ. k[A ² s]	Schmelzintegral I ² t typ. k[A ² s]	Verlustleistung 1.0 I _n typ. [W]	 	Verpackung [ST]	Bestellnummer
EKO83	350	500	-	57	36	32.5	BOA			3)	184.86	307.39	39	●	48	3-163-882
EKO83	400	500	-	57	36	32.5	BOA			3)	257.45	405.92	45	●	48	3-163-883
EKO83	450	500	-	57	36	32.5	BOA			3)	343.75	518.75	55	●	48	3-163-884
EKO83	500	500	-	57	36	32.5	BOA			3)	444.39	646.32	58	●	48	3-163-885
EKO83	630	500	-	57	36	32.5	BOA			3)	860.2	1683.01	75	●	48	3-163-886
EKO83	160	500	-	57	36	32.5	MSD			3)	51	101	16	●	100	3-163-875
EKO83	350	500	-	57	36	32.5	MSD			3)	184.86	307.39	39	●	100	3-163-876
EKO83	400	500	-	57	36	32.5	MSD			3)	257.45	405.92	45	●	100	3-163-877
EKO83	450	500	-	57	36	32.5	MSD			3)	343.75	518.75	55	●	100	3-163-878
EKO83	500	500	-	57	36	32.5	MSD			3)	444.39	646.32	58	●	100	3-163-879
EKO83	630	500	-	57	36	32.5	MSD			3)	860.2	1683.01	75	●	100	3-163-880
EKO85	50	1000	-	71	36	23.5	BOA			1)	1.1	3.5	10	●	48	3-163-892
EKO85	63	1000	-	71	36	23.5	BOA			1)	1.8	5.6	12	●	48	3-163-893
EKO85	80	1000	-	71	36	23.5	BOA			1)	2.9	9	15	●	48	3-163-894
EKO85	100	1000	-	71	36	23.5	BOA			1)	4.5	14.1	19	●	48	3-163-895
EKO85	125	1000	-	71	36	23.5	BOA			1)	7	22	24	●	48	3-163-896
EKO85	160	1000	-	71	36	23.5	BOA			1)	11.4	36	31	●	48	3-163-897
EKO85	200	1000	-	71	36	23.5	BOA			1)	17.9	56.3	38	●	48	3-163-898
EKO85	250	1000	-	71	36	23.5	BOA			1)	20.1	60	48	●	48	3-163-899

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Ausschaltvermögen

- 1) 50 kA @ 10 ms
- 2) AC 100 kA / DC50 kA @ 10 ms
- 3) 50 kA ≤ 3 ms
- 4) 30 kA @ 2 ms
- 5) 150 kA @ 10 ms
- 6) 250 kA @ 10 ms