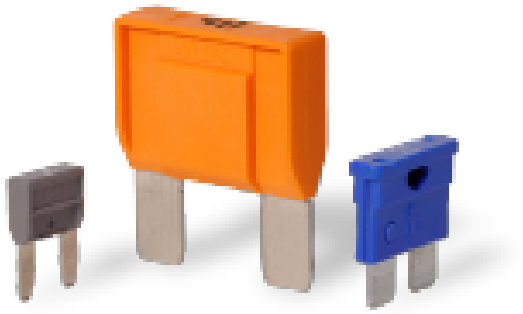
ESKA

the protection company

# KFZ-SICHERUNGEN

## AUTOMOTIVE FUSES



Downloaded from Arrow.com.

# Sicherungshalter

**für die hier gezeigten Sicherungen finden Sie jetzt in unserem**
**Sicherungshalter-Katalog**

# Fuse Holders

for the fuses displayed here can now be found in our
fuse holder catalogue

ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de



Downloaded from Arrow.com.

# Sortimentskästen
*Assortment boxes*

| **Bemessungswerte / *Ratings*** | **Flachstecksicherungssortiment / *Automobile fuse assortment boxes*** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Produktabbildung / *Product picture* |  | | | | | | | |
| Typ / *Type:* | **Flachstecksicherungen / Automobile fuses** | | | | | | | |
| Größe / *Size:* | **Type Mini** | | | | | | | |
| Spannung / *Voltage:* | **DC 32 V** | | | | | | | |
| | **341.750 (80 St. / *pcs.*)** | | | | | | | |
| Inhalt / *Content:* | 10 | x | 2 | A | 10 | x | 10 | A |
| | | | | | 10 | x | 15 | A |
| | 10 | x | 4 | A | 10 | x | 20 | A |
| | 6 | x | 5 | A | 4 | x | 25 | A |
| | 10 | x | 7,5 | A | 10 | x | 30 | A |
| Produktabbildung / *Product picture* |  | | | | | | | |
| Typ / *Type:* | **Flachstecksicherungen / Automobile fuses** | | | | | | | |
| Größe / *Size:* | **Type Standard** | | | | | | | |
| Spannung / *Voltage:* | **DC 32 V** | | | | | | | |
| | **340.750 (80 St. / *pcs.*)** | | | | | | | |
| Inhalt / *Content:* | 10 | x | 4 | A | 10 | x | 15 | A |
| | 10 | x | 5 | A | 10 | x | 20 | A |
| | 10 | x | 7,5 | A | 10 | x | 25 | A |
| | 10 | x | 10 | A | 10 | x | 30 | A |



Downloaded from Arrow.com.

# Flachstecksicherungen 341.100
*Blade Fuses* DC

ESKA the protection company

## Type Mini

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity* |
|---|---|---|
| 32 V | 2 A - 30 A | 1.000 A |



Norm / *Standard*: ISO 8820-3

Anwendung / *Application:* Automobilindustrie, DC-Anwendungen / *Automotive industry, DC-applications*

Aufbau / *Construction*:

Gehäuse / *Body*: Isolierender Kunststoff / *Insulating Plastic (PA66)*

Kontakte / Terminals: Zink, verzinnt / Zinc, *tin plated*

Betriebs-Umgebungstemperatur / *Operating-ambient temperature:* -40 °C bis / *to* +125 °C

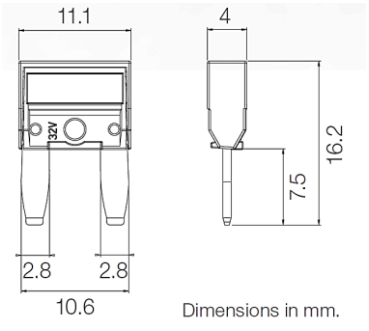
Verpackungsmöglichkeiten / *Packing options*: 2.000 St. = Industrieverpackung / *2.000 pcs. = Industrial packaging*

**Bemessungswerte / Ratings:**

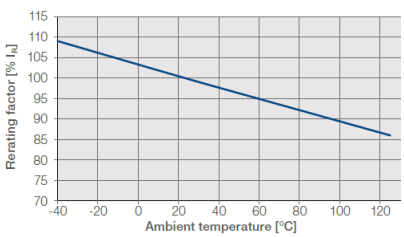
| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $I_{BC}$ [A] | $I^2t$ [$A^2s$] | Farcode / *Color Code* |
|---|---|---|---|---|---|---|
| 341.120 | 2 A | 32 | 128 | 1.000 | 135 | Grau / *Grey* |
| 341.122 | 3 A | 32 | 155 | 1.000 | 115 | Violett / *Violet* |
| 341.123 | 4A | 32 | 121 | 1.000 | 156 | Rosa / *Pink* |
| 341.124 | 5 A | 32 | 112 | 1.000 | 217 | Hellbraun / *Tan* |
| 341.126 | 7,5 A | 32 | 110 | 1.000 | 256 | Braun / *Brown* |
| 341.127 | 10 A | 32 | 106 | 1.000 | 387 | Rot / *Red* |
| 341.129 | 15 A | 32 | 105 | 1.000 | 720 | Blau / *Blue* |
| 341.131 | 20 A | 32 | 97 | 1.000 | 980 | Gelb / *Yellow* |
| 341.132 | 25 A | 32 | 96 | 1.000 | 1.344 | Weiss / *White* |
| 341.133 | 30 A | 32 | 95 | 1.000 | 1.692 | Grün / *Green* |

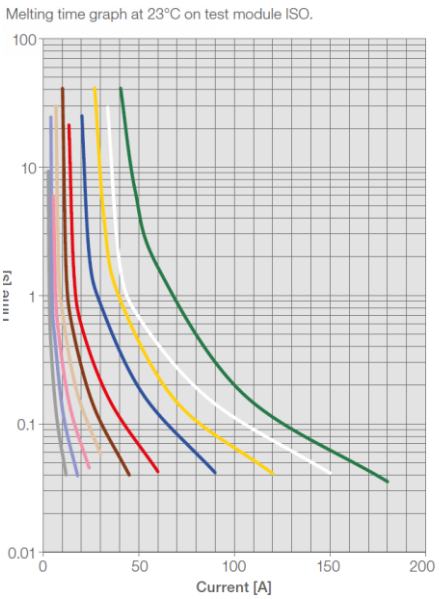
**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 2 A – 30 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 750 ms |
| | $t_{max}$ | 10 min |
| **2 · $I_N$** | $t_{min}$ | 150 ms |
| | $t_{max}$ | 5 s |
| **3,5 · $I_N$** | $t_{min}$ | 40 ms |
| | $t_{max}$ | 500 ms |
| **6 · $I_N$** | $t_{min}$ | 20 ms |
| | $t_{max}$ | 100 ms |




Dimensions in mm.




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de



Downloaded from Arrow.com.

# Flachstecksicherungen 341.100-H
# *Blade Fuses* DC

ESKA the protection company

## Type Mini

RoHS Compliant

| | | | | | |
|---|---|---|---|---|---|
| **Spannung** *Voltage* | **32 V** | **Strom** *Current* | **2 A - 30 A** | **Ausschaltvermögen** *Breaking capacity* | **1.000 A** |



Anwendung / *Application*: Automobilindustrie, DC-Anwendungen / *Automotive industry, DC-applications*

Aufbau / *Construction*:

Gehäuse / *Body*: Isolierender Kunststoff / *Insulating plastic*

Kontakt / *Contact*: Zinklegierung / *Zinc alloy*

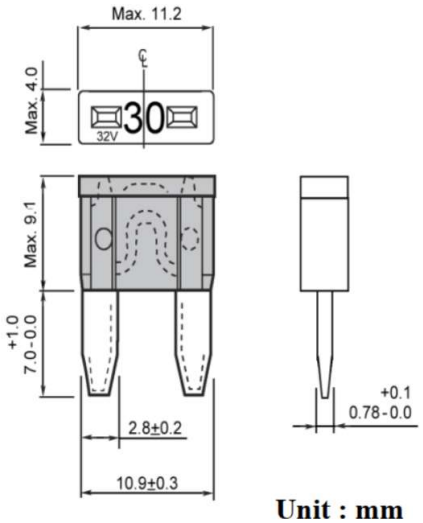
Verpackungsmöglichkeiten / *Packing options*: 1.000 St. = Industrieverpackung / *1.000 pcs. = Industrial packaging*

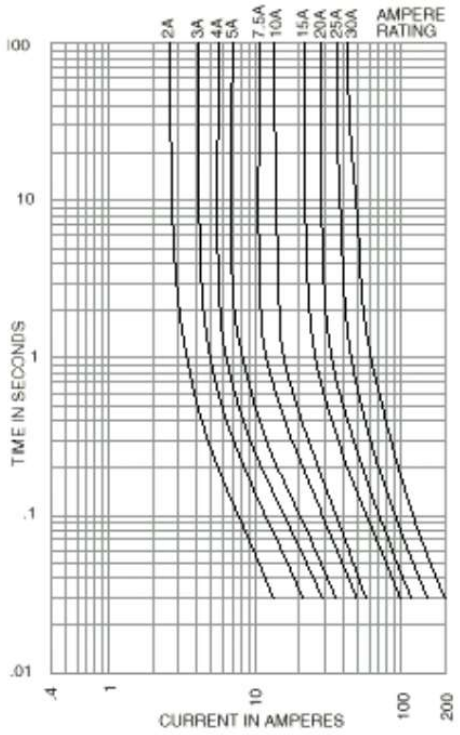
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | $I_{BC}$ [A] | Farbcode / Color Code |
|---|---|---|---|---|---|
| 341.122-H | 2 A | 32 | 56 | 1.000 | Grau / Gray |
| 341.123-H | 3 A | 32 | 34 | 1.000 | Violett / *Violet* |
| 341.124-H | 4 A | 32 | 24 | 1.000 | Rosa / *Pink* |
| 341.126-H | 5 A | 32 | 18 | 1.000 | Hellbraun / *Tan* |
| 341.127-H | 7,5 A | 32 | 11 | 1.000 | Braun / *Brown* |
| 341.129-H | 10 A | 32 | 7,3 | 1.000 | Rot / *Red* |
| 341.131-H | 15 A | 32 | 4,5 | 1.000 | Blau / *Blue* |
| 341.132-H | 20 A | 32 | 3,2 | 1.000 | Gelb / *Yellow* |
| 341.133-H | 25 A | 32 | 2,2 | 1.000 | Natur / *Natural* |
| 341.134-H | 30 A | 32 | 1,8 | 1.000 | Grün / *Green* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 2 A – 30 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | |
| | $t_{max}$ | 30 min |
| **2 · $I_N$** | $t_{min}$ | |
| | $t_{max}$ | 5 s |






Downloaded from Arrow.com.

# Flachstecksicherungen 341.100-58V
*Blade Fuses* DC

ESKA the protection company

## Type Mini

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity* |
|---|---|---|
| 58 V | 2 A - 30 A | 1.000 A |



Anwendung / *Application*: Hochspannungsanwendungen in der Automobilindustrie, USV bis 58 V / *High voltage automotive industry and UPS up to 58 V*

Aufbau / *Construction*:

Gehäuse / *Body*: Isolierender Kunststoff / *Insulating plastic*

Kontakt / *Contact*: Zinklegierung / *Zinc alloy*

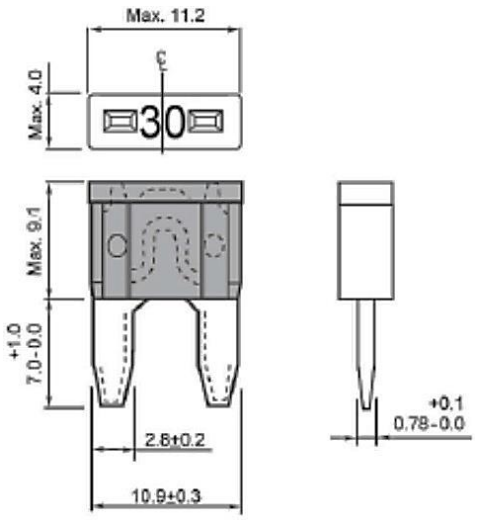
Verpackungsmöglichkeiten / *Packing options*: 500 St. = Industrieverpackung / *500 pcs. = Industrial packaging*

**Bemessungswerte / Ratings:**

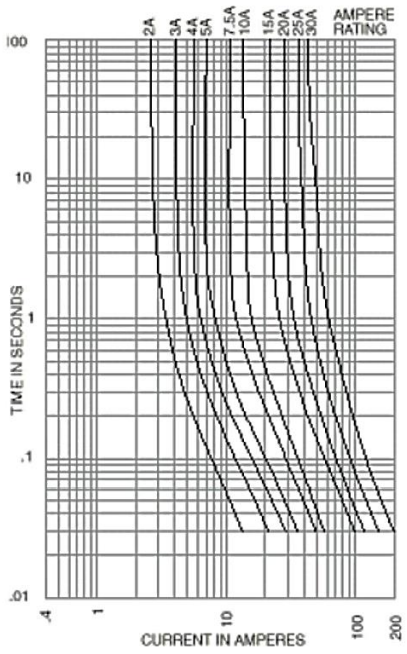
| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | $I_{BC}$ [A] | Farbcode / Color Code |
|---|---|---|---|---|---|
| 341.120-58V | 2 A | 58 | 56 | 1.000 | Grau / *Grey* |
| 341.122-58V | 3 A | 58 | 34 | 1.000 | Violett / *Violet* |
| 341.123-58V | 4 A | 58 | 24 | 1.000 | Rosa / *Pink* |
| 341.124-58V | 5 A | 58 | 18 | 1.000 | Hellbraun / *Tan* |
| 341.126-58V | 7,5 A | 58 | 11 | 1.000 | Braun / *Brown* |
| 341.127-58V | 10 A | 58 | 7,3 | 1.000 | Rot / *Red* |
| 341.129-58V | 15 A | 58 | 4,5 | 1.000 | Blau / *Blue* |
| 341.131-58V | 20 A | 58 | 3,2 | 1.000 | Gelb / *Yellow* |
| 341.132-58V | 25 A | 58 | 2,2 | 1.000 | Weiss / *White* |
| 341.133-58V | 30 A | 58 | 1,8 | 1.000 | Grün / *Green* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungsstrom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 2 A – 30 A |
|---|---|---|
| $1{,}1 \cdot I_N$ | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| $1{,}35 \cdot I_N$ | $t_{min}$ | 0 |
| | $t_{max}$ | 30 min |
| $2 \cdot I_N$ | $t_{min}$ | 0 |
| | $t_{max}$ | 5 s |




**I-t Charakteristik / *Characteristics:***






Downloaded from Arrow.com.

# Schraubsicherungen 341.300-70V
# *Bold-Down Fuses* DC

ESKA the protection company

## Type Mega

RoHS COMPLIANT

| Spannung / *Voltage* | 70 V | Strom / *Current* | 100 A – 500 A | Ausschaltvermögen / *Breaking capacity* | 2.500 A |
|---|---|---|---|---|---|



| | |
|---|---|
| Prüfnorm / *Testing standards:* | ISO 20934 (type SF51-70V) |
| Aufbau / *Construction*: | |
| Gehäuse / *Body* | GF6T/66-GF30 V0 (Thermoplastik / *Thermoplastic*) |
| Kontakt / *Contact* | Kupfer, verzinnt / *Tin plated copper* |
| Befestigungsschraube / *Mounting screw:* | M8 |
| Umgebungstemperatur / *Ambient temperature*: | -40 °C bis / *to* +125 °C |
| Verpackungsmöglichkeiten / *Packing options*: | 1.000 St. = Industrieverpackung / *1.000 pcs. = Industrial packaging* |

**Bemessungswerte / Ratings:**

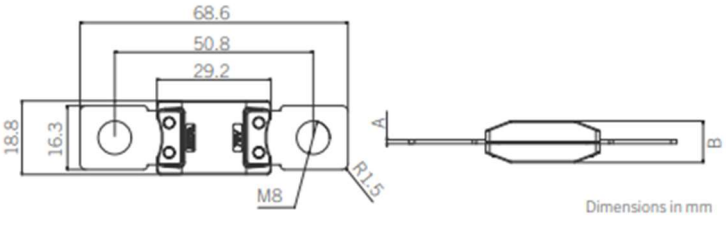
| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $I_{BC}$ [A] | $I^2t$ [$A^2s$] | Farbcode / *Colour Code* |
|---|---|---|---|---|---|---|
| 341.310-70V | 100 A | 70 | 108 | 2.500 | 87.500 | Gelb / *Yellow* |
| 341.312-70V | 125 A | 70 | 107 | 2.500 | 100.000 | Grün / *Green* |
| 341.315-70V | 150 A | 70 | 104 | 2.500 | 150.000 | Orange / *Orange* |
| 341.317-70V | 175 A | 70 | 103 | 2.500 | 287.500 | Weiß / *White* |
| 341.320-70V | 200 A | 70 | 98 | 2.500 | 400.000 | Blau / *Blue* |
| 341.322-70V | 225 A | 70 | 98 | 2.500 | 537.500 | Hellbraun / *Light Brown* |
| 341.325-70V | 250 A | 70 | 103 | 2.500 | 612.500 | Rosa / *Pink* |
| 341.326-70V | 300 A | 70 | 55 | 2.500 | 937.500 | Grau / *Grey* |
| 341.327-70V | 400 A | 70 | 65 | 2.500 | 1.025.000 | Violett / *Violet* |
| 341.328-70V | 500 A | 70 | 75 | 2.500 | 1.687.500 | Braun / *Brown* |

**$I_N$ - t Verhalten / *$I_N$ - t characteristics*:**

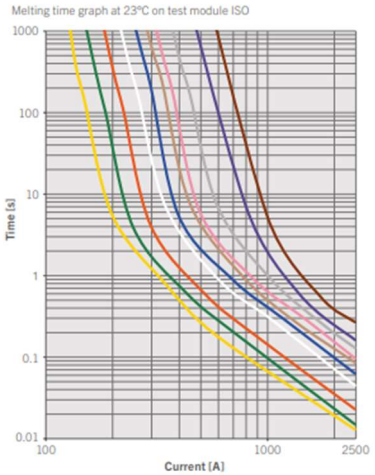
| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 100 A - 250 A | 300 A - 500 A |
|---|---|---|---|
| 0,75· $I_N$ | $t_{min}$ | - | 4 h |
| | $t_{max}$ | - | - |
| 1,0 · $I_N$ | $t_{min}$ | 4 h | - |
| | $t_{max}$ | - | - |
| 1,35 $I_N$ | $t_{min}$ | 2 min | - |
| | $t_{max}$ | 30 min | - |
| 2 · $I_N$ | $t_{min}$ | 1 s | 1 s |
| | $t_{max}$ | 15 s | 15 s |
| 3,5 · $I_N$ | $t_{min}$ | 300 ms | 500 ms |
| | $t_{max}$ | 5 s | 5 s |
| 6 · $I_N$ | $t_{min}$ | 100 ms | - |
| | $t_{max}$ | 1 s | - |

**Maße / *Dimensions*:**

| Größe / *Size* | A [mm] | B [mm] |
|---|---|---|
| 100 – 175 A | 0,8 | 10.4 |
| 200 – 300 A | 1.0 | 10.6 |
| 400 – 500 A | 1.8 | 10.6 |




**$I_N$ - t Kennlinie / *$I_N$ - t graph*:**




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de

Technische Änderungen sind vorbehalten!
Technical data are subject to change without notice!



Downloaded from Arrow.com.

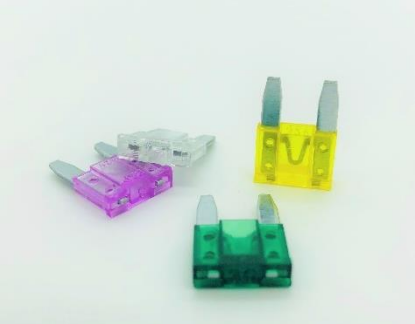
# Flachstecksicherungen 341.600
*Blade Fuses* DC

ESKA the protection company

## Type Mini

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity* |
|---|---|---|
| 32 V | 2 A - 30 A | 1.000 A |



Anwendungen / *Applications*: Kfz-Bereich & Elektroindustrie / *Automobile area & electrical industry*

Aufbau / *Construction*: Anschlüsse: Zink-Legierung *Termination: zinc-alloy* Gehäuse (transparent): Polycarbonat (PC) / *Housing (transparent): Polycarbonate (PC)*

Norm gemäß / *Standard according to:* SAE J-2077

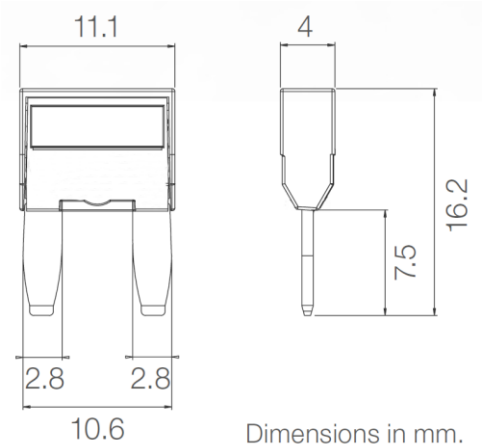
Verpackungsmöglichkeiten / *Packing options*: 1.000 St. = Industrieverpackung (lose geschüttet) / *1.000 pcs. = Industrial box (bulk)*

**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ [A] | $U_N$ [V] | $R_c$ [mΩ] | $I_{BC}$ [A] | Farbcode / *Colour Code* |
|---|---|---|---|---|---|
| 341.620 | 2 | 32 | | 1.000 | Grau / *Gray* |
| 341.622 | 3 | 32 | | 1.000 | Violett / *Violet* |
| 341.623 | 4 | 32 | Auf | 1.000 | Rosa / *Pink* |
| 341.624 | 5 | 32 | Anfrage | 1.000 | Hellbraun / *Tan* |
| 341.626 | 7,5 | 32 | / | 1.000 | Braun / *Brown* |
| 341.627 | 10 | 32 | *On* | 1.000 | Rot / *Red* |
| 341.629 | 15 | 32 | *Request* | 1.000 | Blau / *Blue* |
| 341.631 | 20 | 32 | | 1.000 | Gelb / *Yellow* |
| 341.632 | 25 | 32 | | 1.000 | Natur / *Natural* |
| 341.633 | 30 | 32 | | 1.000 | Grün / *Green* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungsstrom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 2 A - 30 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 500 ms |
| | $t_{max}$ | 5 min |
| **2 · $I_N$** | $t_{min}$ | 150 ms |
| | $t_{max}$ | 20 s |
| **3,5 · $I_N$** | $t_{min}$ | 40 ms |
| | $t_{max}$ | 500 ms |




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de



Downloaded from Arrow.com.

# Flachstecksicherungen 341.600-THT
*Blade Fuses* DC

ESKA the protection company

## Type Mini lötbar / *solderable*

RoHS COMPLIANT

| Spannung | | Strom | | Ausschaltvermögen | |
|---|---|---|---|---|---|
| *Voltage* | 32 V | *Current* | 2 A - 30 A | *Breaking capacity* | 1.000 A |



Anwendungen / *Applications*: Kfz-Bereich & Elektroindustrie, direkt auf Platine lötbar (THT) / *Automotive & electrical industry, designed for through-hole mounting*

Aufbau / *Construction*: Anschlüsse: Zink-Legierung, verzinnt *Termination: zinc-alloy, tin plated* Gehäuse (transparent): Thermoplast (UL 94-V2) / *Housing (transparent): Thermo plastic (UL 94-V2)*

Norm gemäß / *Standard according to:* ISO 8820-3, SAE J-1284

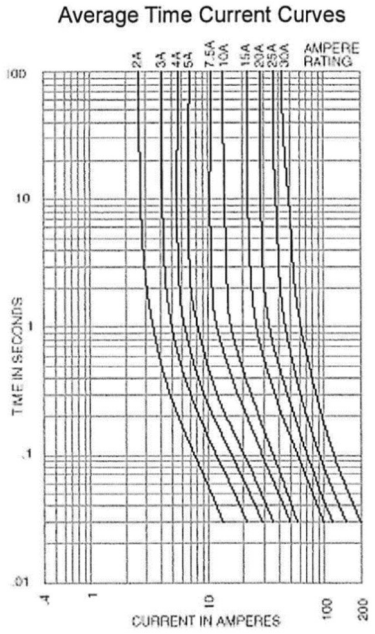
Verpackungsmöglichkeiten / *Packing options*: 1.000 St. = Industrieverpackung (lose geschüttet) / *1.000 pcs. = Industrial packaging (bulk)*

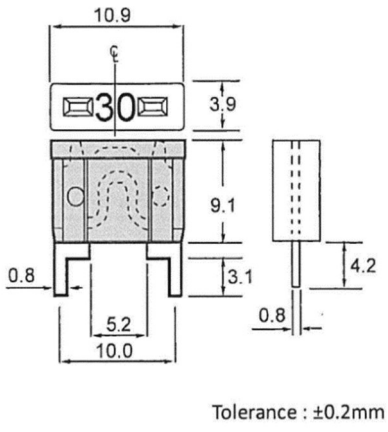
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ [A] | $U_N$ [V] | $R_c$ [mΩ] | $I_{BC}$ [A] | Farbcode / *Colour Code* |
|---|---|---|---|---|---|
| 341.620-THT | 2 | 32 | | 1.000 | Grau / *Gray* |
| 341.622-THT | 3 | 32 | | 1.000 | Violett / *Violet* |
| 341.623-THT | 4 | 32 | Auf | 1.000 | Rosa / *Pink* |
| 341.624-THT | 5 | 32 | Anfrage | 1.000 | Hellbraun / *Tan* |
| 341.626-THT | 7,5 | 32 | / | 1.000 | Braun / *Brown* |
| 341.627-THT | 10 | 32 | *On* | 1.000 | Rot / *Red* |
| 341.629-THT | 15 | 32 | *Request* | 1.000 | Blau / *Blue* |
| 341.631-THT | 20 | 32 | | 1.000 | Gelb / *Yellow* |
| 341.632-THT | 25 | 32 | | 1.000 | Natur / *Natural* |
| 341.633-THT | 30 | 32 | | 1.000 | Grün / *Green* |

**$I_N$ - t Verhalten / *$I_N$ - t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 2 A - 30 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 750 ms |
| | $t_{max}$ | 30 min |
| **2 · $I_N$** | $t_{min}$ | 150 ms |
| | $t_{max}$ | 5 s |
| **3,5 · $I_N$** | $t_{min}$ | 40 ms |
| | $t_{max}$ | 500 ms |






Downloaded from Arrow.com.

# Flachstecksicherungen 341.700-58V
*Blade Fuses* DC

ESKA the protection company

## Type Low Profile Mini

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity* |
|---|---|---|
| 58 V | 2 A - 30 A | 1.000 A |



Norm / *Standards*: ISO 8820-9

Anwendung / *Application*: Hochspannungsanwendungen in der Automobilindustrie, USV bis 58 V / *High voltage automotive industry and UPS up to 58 V*

Aufbau / *Construction*:
Gehäuse / *Body*: Isolierender Kunststoff / *Insulating plastic*
Kontakt / *Contact*: Zinklegierung / *Zinc alloy*

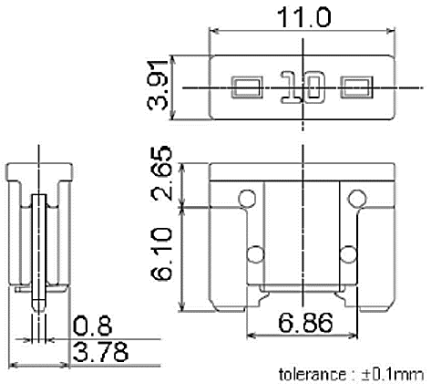
Verpackungsmöglichkeiten / *Packing options*: 500 St. = Industrieverpackung / *500 pcs. = Industrial packaging*

**Bemessungswerte / Ratings:**

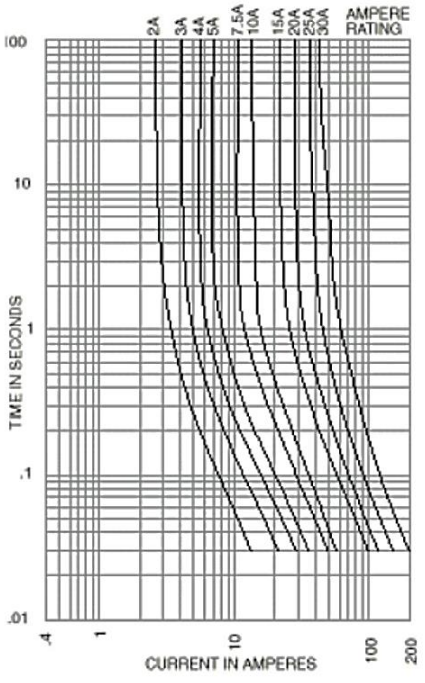
| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | $I_{BC}$ [A] | Farbcode / Color Code |
|---|---|---|---|---|---|
| 341.720-58V | 2 A | 58 | 56 | 1.000 | Grau / *Grey* |
| 341.722-58V | 3 A | 58 | 31 | 1.000 | Violett / *Violet* |
| 341.723-58V | 4 A | 58 | 23 | 1.000 | Rosa / *Pink* |
| 341.724-58V | 5 A | 58 | 18 | 1.000 | Hellbraun / *Tan* |
| 341.726-58V | 7,5 A | 58 | 11 | 1.000 | Braun / *Brown* |
| 341.727-58V | 10 A | 58 | 7,7 | 1.000 | Rot / *Red* |
| 341.729-58V | 15 A | 58 | 4,8 | 1.000 | Blau / *Blue* |
| 341.731-58V | 20 A | 58 | 3,3 | 1.000 | Gelb / *Yellow* |
| 341.732-58V | 25 A | 58 | 2,5 | 1.000 | Weiss / *White* |
| 341.733-58V | 30 A | 58 | 1,9 | 1.000 | Grün / *Green* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 2 A – 30 A |
|---|---|---|
| 1,1 · $I_N$ | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| 1,35 · $I_N$ | $t_{min}$ | 0 |
| | $t_{max}$ | 30 min |
| 2 · $I_N$ | $t_{min}$ | 0 |
| | $t_{max}$ | 5 s |




**I-t Charakteristik / *Characteristics:***




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de

Technische Änderungen sind vorbehalten!
Technical data are subject to change without notice!



Downloaded from Arrow.com.

# Flachstecksicherungen 341.700-LED
*Blade Fuses* DC

ESKA the protection company

## Type Low Profile Super Mini (LED)

RoHS COMPLIANT

| | | | | | |
|---|---|---|---|---|---|
| **Spannung** *Voltage* | **32 V** | **Strom** *Current* | **3 A - 30 A** | **Ausschaltvermögen** *Breaking capacity:* | **1.000 A** |



Norm / *Standards*: ISO 8820-9

Anwendung / *Application:* Anwendungen in der Automobilindustrie / *Applications in automotive industry*

Aufbau / *Construction*:
Gehäuse / *Body:* Isolierender Kunststoff / *Insulating plastic*
Kontakt / *Contact:* Zinklegierung / *Zinc alloy*

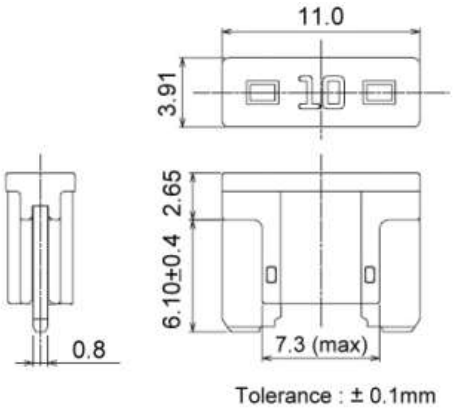
Verpackungsmöglichkeiten / *Packing options:* 2.000 St. im Polybeutel / *2.000 pcs. in polybag*

**Bemessungswerte / Ratings:**

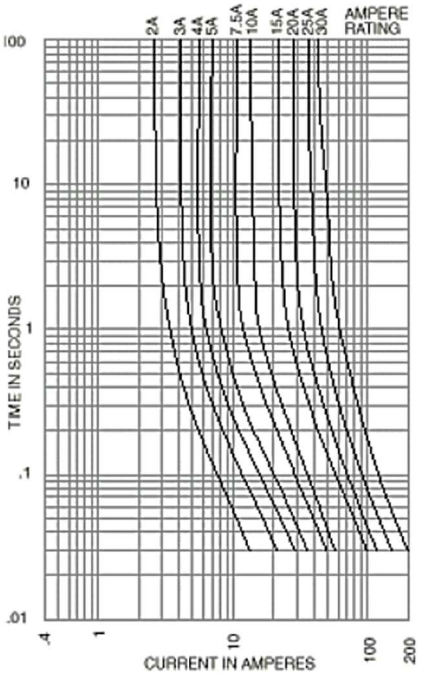
| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | Farbcode / *Color Code* |
|---|---|---|---|---|
| 341.722-LED | 3 A | 32 | 56 | Grau / *Grey* |
| 341.723-LED | 4 A | 32 | 34 | Violett / *Violet* |
| 341.724-LED | 5 A | 32 | 24 | Rosa / *Pink* |
| 341.726-LED | 7,5 A | 32 | 18 | Hellbraun / *Tan* |
| 341.727-LED | 10 A | 32 | 11 | Braun / *Brown* |
| 341.729-LED | 15 A | 32 | 7,3 | Rot / *Red* |
| 341.731-LED | 20 A | 32 | 4,5 | Blau / *Blue* |
| 341.732-LED | 25 A | 32 | 3,2 | Gelb / *Yellow* |
| 341.733-LED | 30 A | 32 | 2,2 | Weiss / *White* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 3 A – 30 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 0 |
| | $t_{max}$ | 30 min |
| **2 · $I_N$** | $t_{min}$ | 0 |
| | $t_{max}$ | 5 s |




**I-t Charakteristik / *Characteristics***






Downloaded from Arrow.com.

# Flachstecksicherungen 341.800
*Blade Fuses* DC

ESKA the protection company

## Type Mini (LED)

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity:* |
|---|---|---|
| 32 V | 2 A - 30 A | 1.000 A |



Norm / *Standards*: SAE J2077, ISO 8820-3

Anwendung / *Application:* Anwendungen in der Automobilindustrie / *Applications in automotive industry*

Aufbau / *Construction*:
Gehäuse / *Body:* Isolierender Kunststoff / Insulating plastic
Kontakt / *Contact:* Zinklegierung / Zinc alloy

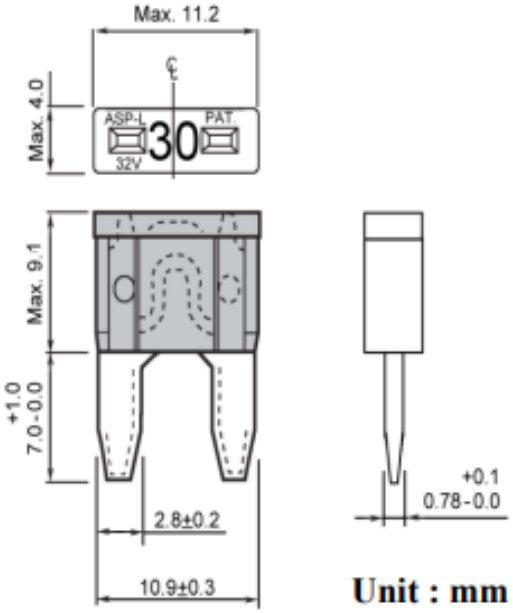
Verpackungsmöglichkeiten / *Packing options:* 2.000 St. im Polybeutel / *2.000 pcs. in polybag*

**Bemessungswerte / Ratings:**

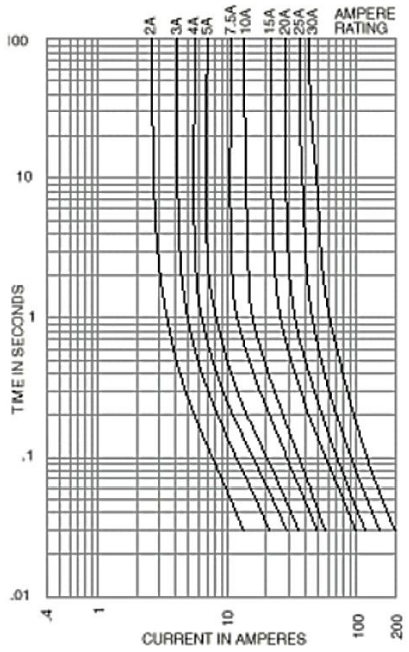
| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | Farbcode / Color Code |
|---|---|---|---|---|
| 341.820 | 2 A | 32 | 50 | Grau / *Grey* |
| 341.822 | 3 A | 32 | 29 | Violett / *Violet* |
| 341.823 | 4 A | 32 | 20 | Rosa / *Pink* |
| 341.824 | 5 A | 32 | 16 | Hellbraun / *Tan* |
| 341.826 | 7,5 A | 32 | 10 | Braun / *Brown* |
| 341.827 | 10 A | 32 | 7,1 | Rot / *Red* |
| 341.829 | 15 A | 32 | 4,3 | Blau / *Blue* |
| 341.831 | 20 A | 32 | 3,1 | Gelb / *Yellow* |
| 341.832 | 25 A | 32 | 2,2 | Weiss / *White* |
| 341.833 | 30 A | 32 | 1,8 | Grün / *Green* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 2 A – 30 A |
|---|---|---|
| $1{,}1 \cdot I_N$ | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| $1{,}35 \cdot I_N$ | $t_{min}$ | 0 |
| | $t_{max}$ | 30 min |
| $2 \cdot I_N$ | $t_{min}$ | 0 |
| | $t_{max}$ | 5 s |




**I-t Charakteristik / *Characteristics***






Downloaded from Arrow.com.

# Flachstecksicherungen 341.900
*Blade Fuses* DC

ESKA the protection company

## Type Super Mini (LED)

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity:* |
|---|---|---|
| 32 V | 3 A - 30 A | 1.000 A |



Anwendung / *Application:* Anwendungen in der Automobilindustrie / *Applications in automotive industry*

Aufbau / *Construction*:

Gehäuse / *Body:* Isolierender Kunststoff / *Insulating plastic*

Kontakt / *Contact:* Zinklegierung / *Zinc alloy*

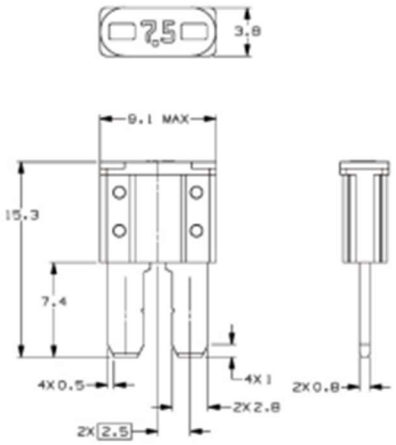
Verpackungsmöglichkeiten / *Packing options:* 1.000 St. im Polybeutel / *1.000 pcs. in polybag*

**Bemessungswerte / Ratings:**

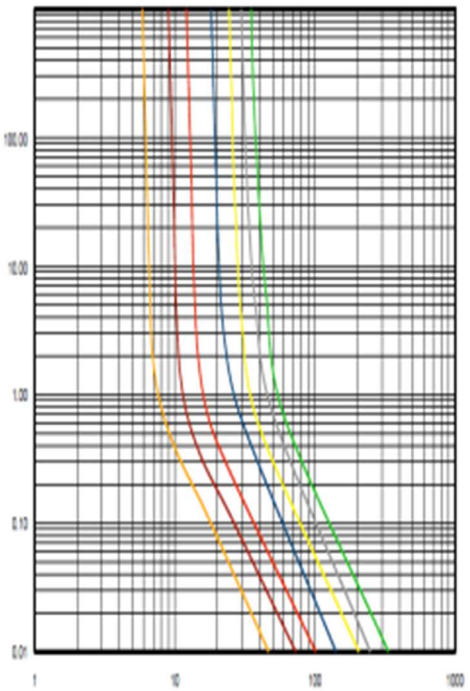
| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | Farbcode / *Color Code* |
|---|---|---|---|---|
| 341.922 | 3 A | 32 | 31 | Violett / Violet |
| 341.923 | 4 A | 32 | 23 | Rosa / Pink |
| 341.924 | 5 A | 32 | 17 | Hellbraun / Tan |
| 341.926 | 7,5 A | 32 | 10 | Braun / Brown |
| 341.927 | 10 A | 32 | 7,7 | Rot / Red |
| 341.929 | 15 A | 32 | 4,9 | Blau / Blue |
| 341.931 | 20 A | 32 | 3,5 | Gelb / Yellow |
| 341.932 | 25 A | 32 | 2,6 | Weiß / White |
| 341.933 | 30 A | 32 | 2,1 | Grün / Green |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 3 A – 30 A |
|---|---|---|
| $1{,}1 \cdot I_N$ | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| $1{,}35 \cdot I_N$ | $t_{min}$ | 750 ms |
| | $t_{max}$ | 2 min |
| $2 \cdot I_N$ | $t_{min}$ | 150 ms |
| | $t_{max}$ | 5 s |




**I-t Charakteristik / *Characteristics:***





Downloaded from Arrow.com.

# Type Mini

RoHS COMPLIANT

| **Spannung** *Voltage* | **14 V** | **Strom** *Current* | **5 A - 30 A** | **Ausschaltvermögen** *Breaking capacity* | **100 A - 300 A** |
|---|---|---|---|---|---|



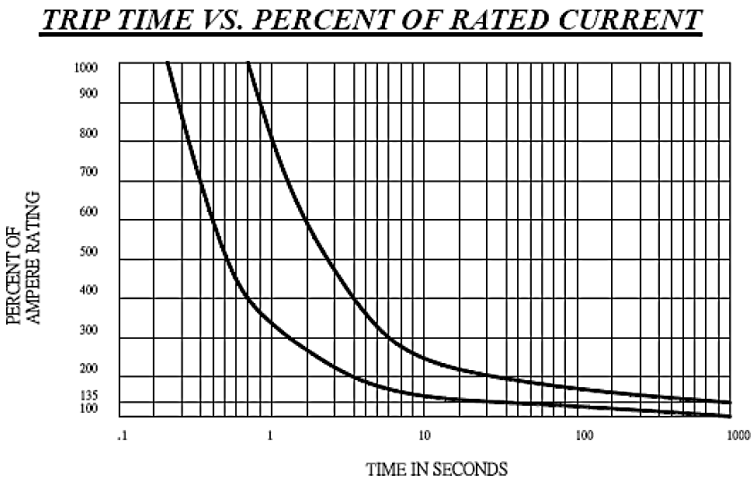
| | |
|---|---|
| Prüfnorm / *Testing standards:* | SAE J553 Type III |
| Spezifikation / *Specification*: | Manuelle Rückstellung (Typ III) / *Manual reset (Type III)*<br>Einpoliger thermischer Schutzschalter / *Single pole temperature circuit breaker* |
| Temperaturbereich / *Operating temperature:* | -40°C (-40°F) bis / *to* 85°C (185°F)<br>Lagerung / *storage:* -40°C (-40°F) bis / *to* 125°C (260°F) |
| Verpackungsmöglichkeiten / *Packing options*: | 100 St. im Polybeutel / *100 pcs. in polybag* |

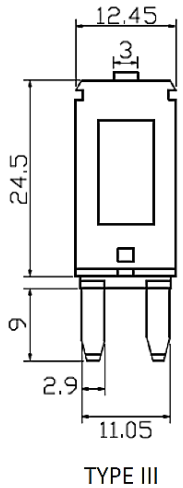
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | U [V] | $I_{BC}$ [A] | Farbe / Colour |
|---|---|---|---|---|
| 341.124 – Manual Reset | 5 A | 14 | 100 | Hellbraun / *Tan* |
| 341.126 – Manual Reset | 7,5 A | 14 | 100 | Braun / *Brown* |
| 341.127 – Manual Reset | 10 A | 14 | 100 | Rot / *Red* |
| 341.129 – Manual Reset | 15 A | 14 | 150 | Blau / *Blue* |
| 341.131 – Manual Reset | 20 A | 14 | 200 | Gelb / *Yellow* |
| 341.132 – Manual Reset | 25 A | 14 | 300 | Weiß / *White* |
| 341.133 – Manual Reset | 30 A | 14 | 300 | Grün / *Green* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 5 A – 30 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | Auf |
| | $t_{max}$ | Anfrage |
| **1,35 · $I_N$** | $t_{min}$ | / |
| | $t_{max}$ | *On* |
| **2 · $I_N$** | $t_{min}$ | *Request* |
| | $t_{max}$ | |






Downloaded from Arrow.com.

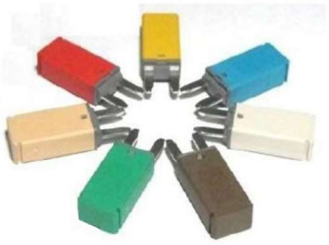
# KFZ-Sicherungsautomat 341.100-Auto Reset
*Automotive circuit breaker* **DC**

ESKA the protection company

## Type Mini

RoHS COMPLIANT

| **Spannung** *Voltage* | **14 V** | **Strom** *Current* | **5 A - 30 A** | **Ausschaltvermögen** *Breaking capacity* | **100 A - 300 A** |
|---|---|---|---|---|---|



Prüfnorm / *Testing standards:* SAE J553 Type III

Spezifikation / *Specification*: Automatische Rückstellung (Typ I) / *Automatic reset (Type I)*

Einpoliger thermischer Schutzschalter / *Single pole temperature circuit breaker*

Temperaturbereich / *Operating temperature:* -40°C (-40°F) bis / *to* 85°C (185°F)

Lagerung / *storage:* -40°C (-40°F) bis / *to* 125°C (260°F)

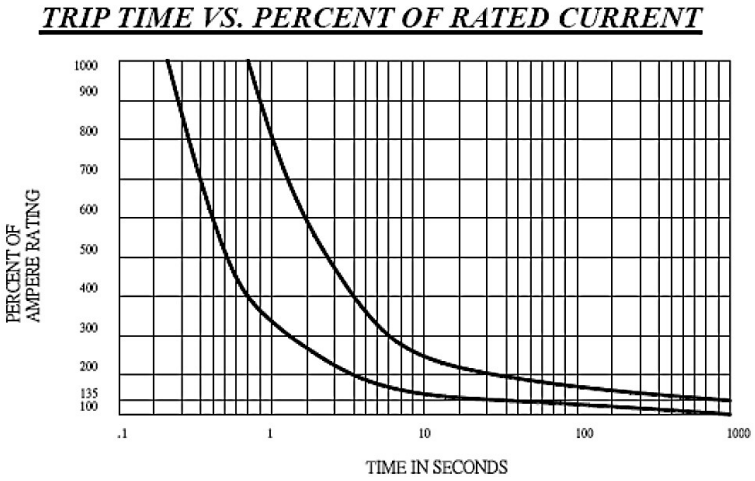
Verpackungsmöglichkeiten / *Packing options*: 100 St. im Polybeutel / *100 pcs. in polybag*

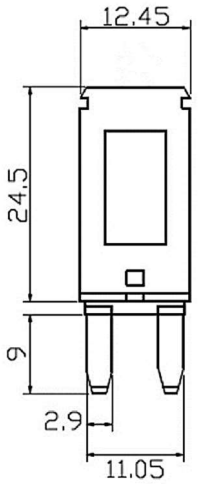
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | U [V] | $I_{BC}$ [A] | Farbe / Colour |
|---|---|---|---|---|
| 341.124 – Auto Reset | 5 A | 14 | 100 | Hellbraun / *Tan* |
| 341.126 – Auto Reset | 7,5 A | 14 | 100 | Braun / *Brown* |
| 341.127 – Auto Reset | 10 A | 14 | 100 | Rot / *Red* |
| 341.129 – Auto Reset | 15 A | 14 | 150 | Blau / *Blue* |
| 341.131 – Auto Reset | 20 A | 14 | 200 | Gelb / *Yellow* |
| 341.132 – Auto Reset | 25 A | 14 | 300 | Weiß / *White* |
| 341.133 – Auto Reset | 30 A | 14 | 300 | Grün / *Green* |

**$I_N$ - t Verhalten / *$I_N$ - t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 5 A – 30 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | Auf |
| | $t_{max}$ | Anfrage |
| **1,35 · $I_N$** | $t_{min}$ | / |
| | $t_{max}$ | *On* |
| **2 · $I_N$** | $t_{min}$ | *Request* |
| | $t_{max}$ | |






Downloaded from Arrow.com.

# Flachstecksicherungen 340.000
*Blade Fuses* DC

ESKA the protection company

## Type Standard

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity* |
|---|---|---|
| 32 V | 1 A - 40 A | 1.000 A |



Norm / *Standard*: ISO 8820-3

Anwendung / *Application*: Automobilindustrie, DC-Anwendungen / *Automotive industry, DC-applications*

Aufbau / *Construction*:

Gehäuse / *Body*: Isolierender Kunststoff / *Insulating Plastic (PBT)*

Kontakte / Terminals: Zink, verzinnt / Zinc, *tin plated*

Betriebs-Umgebungstemperatur / *Operating-ambient temperature:* -40 °C bis / *to* +125 °C

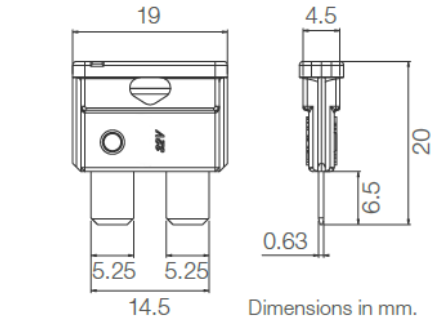
Verpackungsmöglichkeiten / *Packing options*: 2.000 St. = Industrieverpackung / *2.000 pcs. = Industrial packaging*

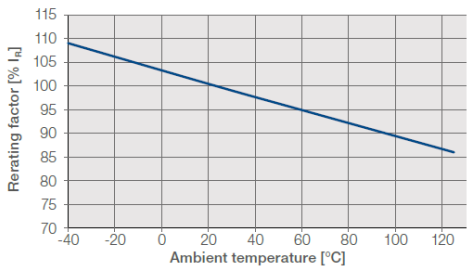
**Bemessungswerte / Ratings:**

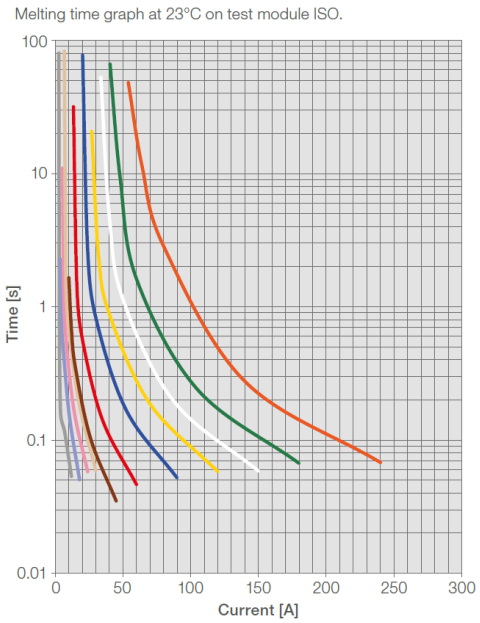
| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $I_{BC}$ [A] | $I^2t$ [$A^2s$] | Farcode / *Colour Code* |
|---|---|---|---|---|---|---|
| 340.017 | 1 A | 32 | < 250 | 1.000 | / | Schwarz / *Black* |
| 340.020 | 2 A | 32 | 142 | 1.000 | 157 | Grau / *Grey* |
| 340.022 | 3 A | 32 | 135 | 1.000 | 200 | Violett / *Violet* |
| 340.023 | 4 A | 32 | 126 | 1.000 | 205 | Rosa / *Pink* |
| 340.024 | 5 A | 32 | 119 | 1.000 | 218 | Hellbraun / *Tan* |
| 340.026 | 7,5 A | 32 | 139 | 1.000 | 304 | Braun / *Brown* |
| 340.027 | 10 A | 32 | 112 | 1.000 | 320 | Rot / *Red* |
| 340.029 | 15 A | 32 | 104 | 1.000 | 480 | Blau / *Blue* |
| 340.031 | 20 A | 32 | 117 | 1.000 | 720 | Gelb / *Yellow* |
| 340.032 | 25 A | 32 | 104 | 1.000 | 1.155 | Weiss / *White* |
| 340.033 | 30 A | 32 | 103 | 1.000 | 1.843 | Grün / *Green* |
| 340.035 | 40 A | 32 | 101 | 1.000 | 2.880 | Orange / *Orange* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungsstrom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 1 A – 40 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 750 ms |
| | $t_{max}$ | 10 min |
| **2 · $I_N$** | $t_{min}$ | 150 ms |
| | $t_{max}$ | 5 s |
| **3,5 · $I_N$** | $t_{min}$ | 40 ms |
| | $t_{max}$ | 500 ms |
| **6 · $I_N$** | $t_{min}$ | 20 ms |
| | $t_{max}$ | 100 ms |




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de



Downloaded from Arrow.com.

# Flachsteckssicherungen 340.000-58V
*Blade Fuses* DC

ESKA the protection company

## Type Standard

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity* |
|---|---|---|
| 58 V | 2 A - 40 A | 1.000 A |



Anwendung / *Application*: Hochspannungsanwendungen in der Automobilindustrie, USV bis 58 V / *High voltage automotive industry and UPS up to 58 V*

Aufbau / *Construction*:

Gehäuse / *Body*: Isolierender Kunststoff / *Insulating plastic*

Kontakt / *Contact*: Zinklegierung / *Zinc alloy*

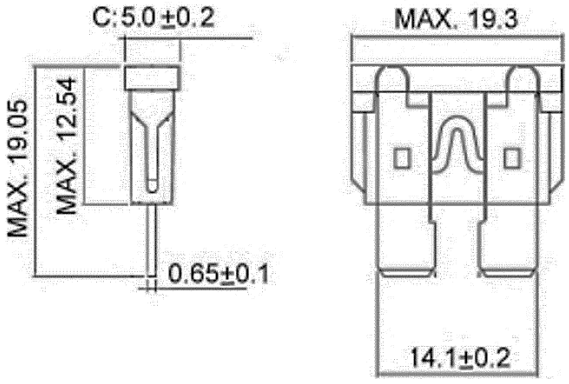
Verpackungsmöglichkeiten / *Packing options*: 500 St. = Industrieverpackung / *500 pcs. = Industrial packaging*

**Bemessungswerte / Ratings:**

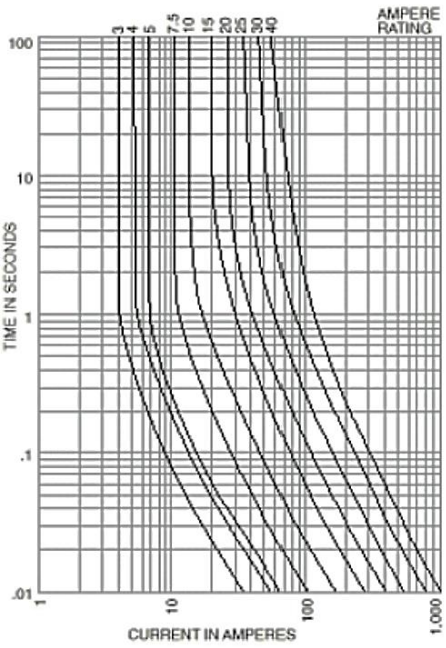
| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | $I_{BC}$ [A] | Farbcode / Color Code |
|---|---|---|---|---|---|
| 340.020-58V | 2 A | 58 | 55 | 1.000 | Grau / *Grey* |
| 340.022-58V | 3 A | 58 | 31 | 1.000 | Violett / *Violet* |
| 340.023-58V | 4 A | 58 | 23 | 1.000 | Rosa / *Pink* |
| 340.024-58V | 5 A | 58 | 18 | 1.000 | Hellbraun / *Tan* |
| 340.026-58V | 7,5 A | 58 | 11 | 1.000 | Braun / *Brown* |
| 340.027-58V | 10 A | 58 | 7,7 | 1.000 | Rot / *Red* |
| 340.029-58V | 15 A | 58 | 4,8 | 1.000 | Blau / *Blue* |
| 340.031-58V | 20 A | 58 | 3,3 | 1.000 | Gelb / *Yellow* |
| 340.032-58V | 25 A | 58 | 2,5 | 1.000 | Weiss / *White* |
| 340.033-58V | 30 A | 58 | 1,9 | 1.000 | Grün / *Green* |
| 340.034-58V | 35 A | 58 | 1,6 | 1.000 | Blau Grün / Blue *Green* |
| 340.035-58V | 40 A | 58 | 1,4 | 1.000 | Bernstein / *Amber* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungsstrom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 2 A – 40 A |
|---|---|---|
| $1{,}1 \cdot I_N$ | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| $1{,}35 \cdot I_N$ | $t_{min}$ | 750 ms |
| | $t_{max}$ | 30 min |
| $2 \cdot I_N$ | $t_{min}$ | 40 ms |
| | $t_{max}$ | 5 s |




**I-t Charakteristik / *Characteristics:***




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de



Downloaded from Arrow.com.

# Flachstecksicherungen 340.600
*Blade Fuses* DC

ESKA the protection company

## Type Maxi (LED)

RoHS COMPLIANT

| **Spannung** *Voltage* | **32 V** | **Strom** *Current* | **20 A - 100 A** |
|---|---|---|---|



Anwendung / *Application:* Anwendungen in der Automobilindustrie / *Applications in automotive industry*

Aufbau / *Construction*:

Gehäuse / *Body:* Isolierender Kunststoff / *Insulating plastic*

Kontakt / *Contact:* Zinklegierung / *Zinc alloy*

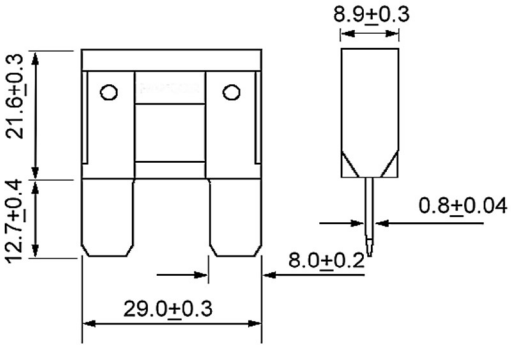
Verpackungsmöglichkeiten / *Packing options:* 100 St. im Polybeutel / *100 pcs. in polybag*

**Bemessungswerte / Ratings:**

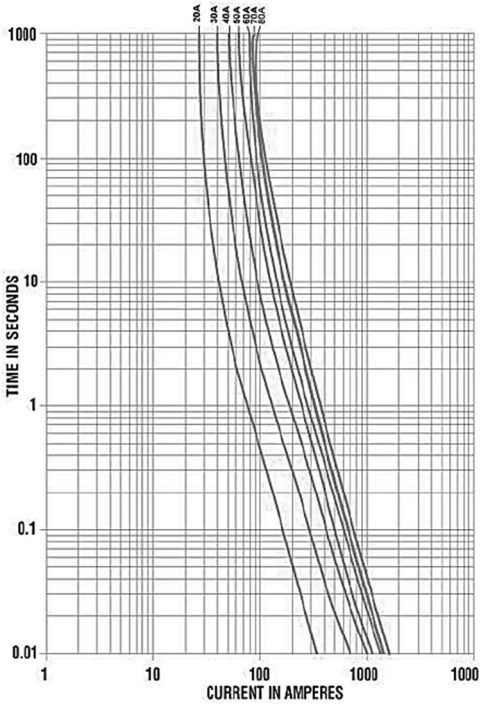
| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | Farbcode / *Color Code* |
|---|---|---|---|---|
| 340.631 | 20 A | 32 | 3,9 | Gelb / *Yellow* |
| 340.633 | 30 A | 32 | 2,4 | Grün / *Green* |
| 340.635 | 40 A | 32 | 1,8 | Orange / Amber |
| 340.637 | 50 A | 32 | 1,4 | Rot / *Red* |
| 340.639 | 60 A | 32 | 1,1 | Blau / *Blue* |
| 340.640 | 70 A | 32 | 0,9 | Braun / Tan |
| 340.641 | 80 A | 32 | 0,8 | Weiß / White |
| 340.643 | 100 A | 32 | 0,6 | Violett / *Purple* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 20 A – 60 A | 70 A- 100 A |
|---|---|---|---|
| **1,35 · $I_N$** | $t_{min}$ | 1 min | 1 min |
| | $t_{max}$ | 30 min | 1 h |
| **2 · $I_N$** | $t_{min}$ | 4 s | |
| | $t_{max}$ | 1 min | |
| **3,5 · $I_N$** | $t_{min}$ | 200 ms | |
| | $t_{max}$ | 7 s | |




**I- t Charakteristik / *Characteristics*:**




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de



Downloaded from Arrow.com.

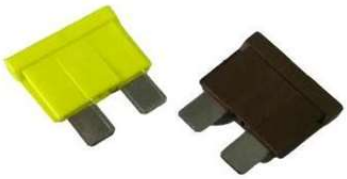
# Flachstecksicherungen 340.000-80V
# *Blade Fuses* DC

ESKA the protection company

## Type Standard

RoHS Compliant

| Spannung / *Voltage* | 80 V | Strom / *Current* | 1 A - 35 A | Ausschaltvermögen / *Breaking capacity* | 1.000 A |
|---|---|---|---|---|---|



Anwendung / *Application*: Hochspannungsanwendungen in der Automobilindustrie, USV bis 80 V / *High voltage automotive industry and UPS up to 80 V*

Aufbau / *Construction*:

Gehäuse / *Body:* Isolierender Kunststoff / *Insulating Plastic*

Kontakte / *Terminals*: Cu-Legierung, verzinnt / *Copper alloy, Sn plated*

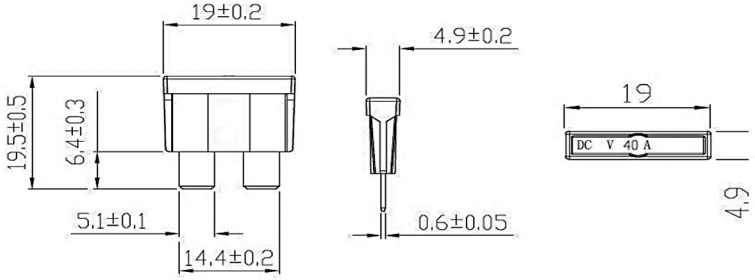
Verpackungsmöglichkeiten / *Packing options*: 2.000 St. im Polybeutel / *2.000 pcs. in polybag*

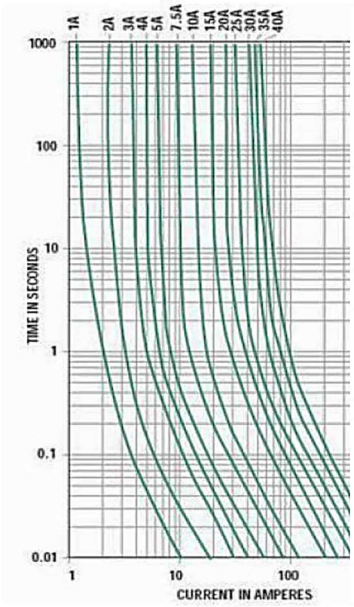
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $I_{BC}$ [A] | Farbcode / *Color Code* |
|---|---|---|---|---|
| 340.017-80V | 1 A | 80 | 1.000 | Schwarz / *Black* |
| 340.020-80V | 2 A | 80 | 1.000 | Grau / *Grey* |
| 340.022-80V | 3 A | 80 | 1.000 | Violett / *Violet* |
| 340.023-80V | 4 A | 80 | 1.000 | Rosa / *Pink* |
| 340.024-80V | 5 A | 80 | 1.000 | Hellbraun / *Tan* |
| 340.026-80V | 7,5 A | 80 | 1.000 | Braun / *Brown* |
| 340.027-80V | 10 A | 80 | 1.000 | Rot / *Red* |
| 340.029-80V | 15 A | 80 | 1.000 | Blau / *Blue* |
| 340.031-80V | 20 A | 80 | 1.000 | Gelb / *Yellow* |
| 340.032-80V | 25 A | 80 | 1.000 | Weiss / *White* |
| 340.033-80V | 30 A | 80 | 1.000 | Grün / *Green* |
| 340.034-80V | 35 A | 80 | 1.000 | Lila / *Purple* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 1 A – 35 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,5 · $I_N$** | $t_{min}$ | 500 ms |
| | $t_{max}$ | 5 min |
| **2 · $I_N$** | $t_{min}$ | 150 ms |
| | $t_{max}$ | 20 s |
| **3,5 · $I_N$** | $t_{min}$ | 40 ms |
| | $t_{max}$ | 500 ms |
| **6 · $I_N$** | $t_{min}$ | 20 ms |
| | $t_{max}$ | 100 ms |




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de



Downloaded from Arrow.com.

# Flachsteckssicherungen 340.100
*Blade Fuses* DC

ESKA the protection company

## Type Standard

RoHS COMPLIANT

| Spannung / *Voltage* | 32 V | Strom / *Current* | 1 A - 40 A | Ausschaltvermögen / *Breaking capacity* | 1.000 A |
|---|---|---|---|---|---|



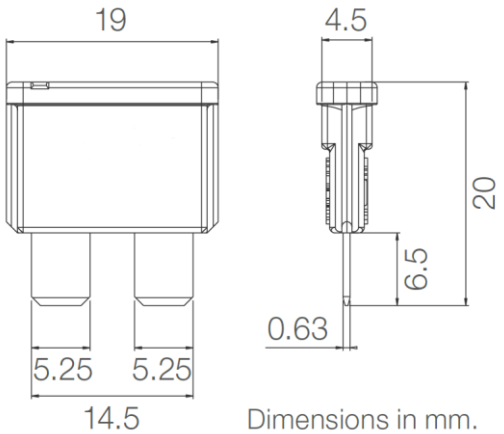
| | |
|---|---|
| Norm gemäß / *Standard according to:* | DIN 72581<br>SAE J-1284 |
| Anwendungen / *Applications*: | Kfz-Bereich & Elektroindustrie /<br>*Automobile area & electrical industry* |
| Aufbau / *Construction*: | Anschlüsse: Zink-Legierung<br>*Termination: zinc-alloy*<br>Gehäuse (transparent): Polycarbonat (PC) /<br>*Housing (transparent): Polycarbonate (PC)* |
| Verpackungsmöglichkeiten / *Packing options*: | 1.000 St. = Industrieverpackung (lose geschüttet /<br>*1.000 pcs. = Industrial box (bulk in carton)* |

**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | $I_{BC}$ [A] | Farbcode / *Colour Code* |
|---|---|---|---|---|---|
| 340.117 | 1 A | 32 | 120 | 1.000 | Schwarz / *Black* |
| 340.120 | 2 A | 32 | 56 | 1.000 | Grau / *Gray* |
| 340.122 | 3 A | 32 | 34 | 1.000 | Violet / *Violet* |
| 340.123 | 4 A | 32 | 24 | 1.000 | Rosa / *Pink* |
| 340.124 | 5 A | 32 | 18 | 1.000 | Hellbraun / *Tan* |
| 340.126 | 7,5 A | 32 | 11 | 1.000 | Braun / *Brown* |
| 340.127 | 10 A | 32 | 7,7 | 1.000 | Rot / *Red* |
| 340.129 | 15 A | 32 | 4,5 | 1.000 | Blau / *Blue* |
| 340.131 | 20 A | 32 | 3,2 | 1.000 | Gelb / *Yellow* |
| 340.132 | 25 A | 32 | 2,3 | 1.000 | Natur / *Natural* |
| 340.133 | 30 A | 32 | 1,8 | 1.000 | Grün / *Green* |
| 340.135 | 40 A | 32 | 2,1 | 1.000 | Orange / Orange |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 1 A - 40 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 500 ms |
| | $t_{max}$ | 5 min |
| **2 · $I_N$** | $t_{min}$ | 150 ms |
| | $t_{max}$ | 20 s |
| **3,5 · $I_N$** | $t_{min}$ | 40 ms |






Downloaded from Arrow.com.

# Flachstecksicherungen 340.100
*Blade Fuses* DC

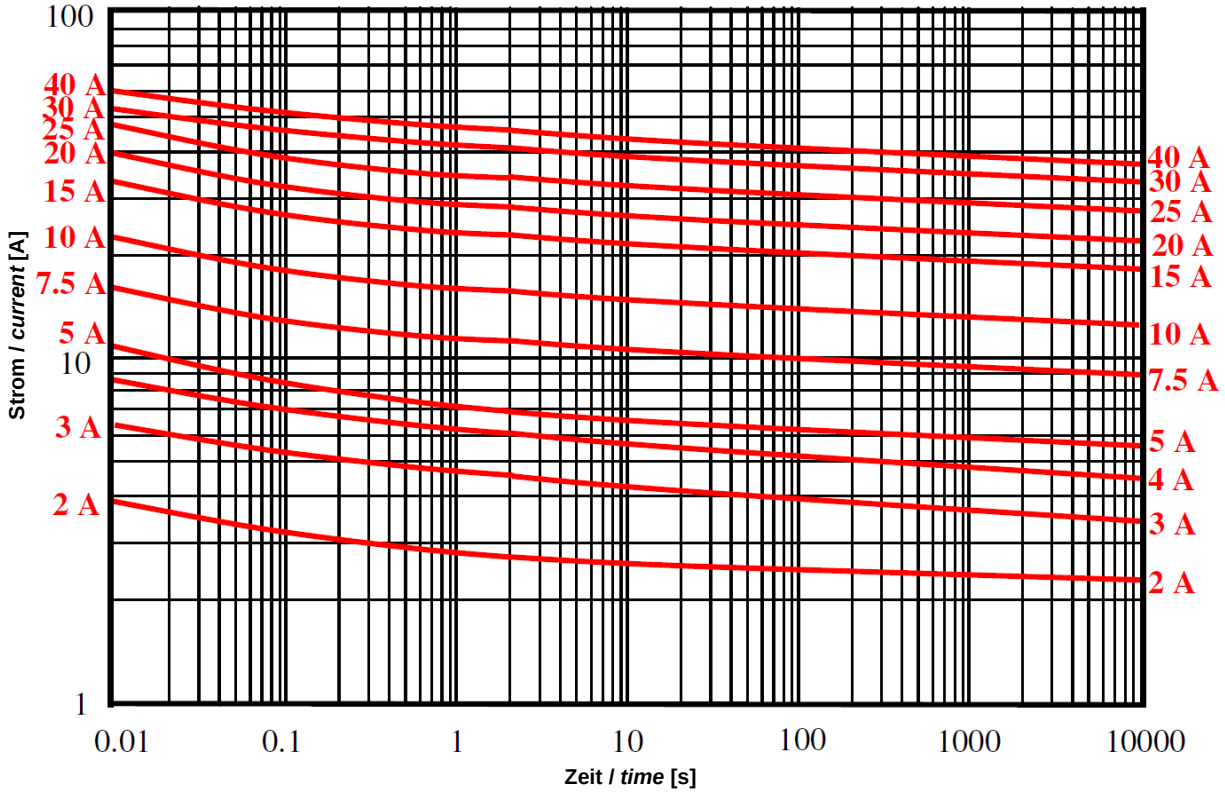
ESKA the protection company

## Type Standard

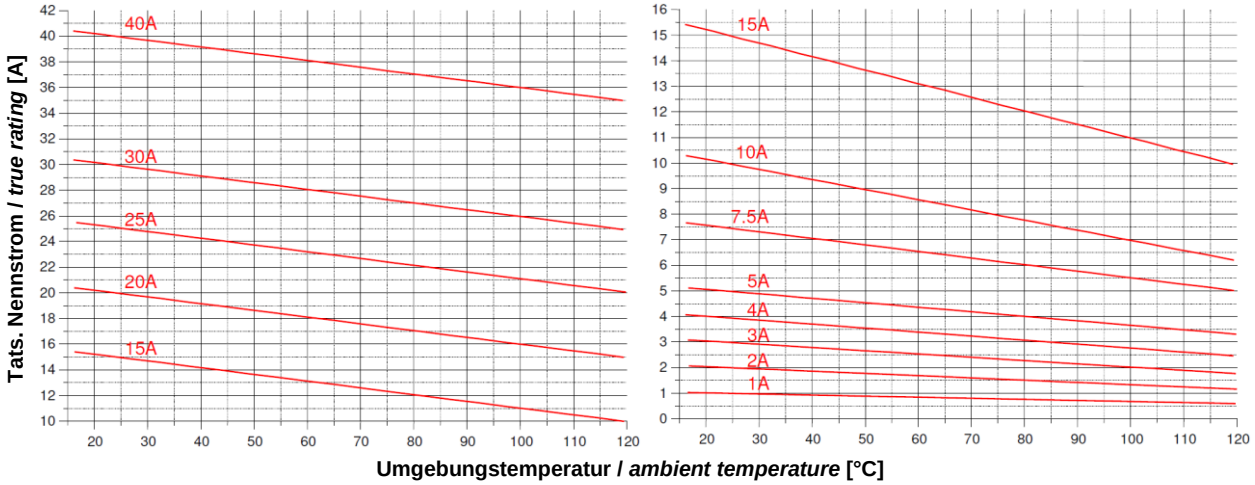
RoHS COMPLIANT

| | | | | | |
|---|---|---|---|---|---|
| **Spannung** *Voltage* | **32 V** | **Strom** *Current* | **1 A - 40 A** | **Ausschaltvermögen** *Breaking capacity* | **1.000 A** |

**Strom-Zeit-Kennlinie 23°C / *Time-current Curve (23°C)***




**Temperatur-Derating / *Temperature De-Rating Curves***






Downloaded from Arrow.com.

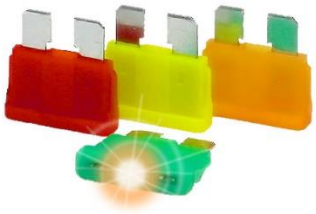
# Flachsteckssicherungen 340.200
*Blade Fuses* DC

ESKA the protection company

## Type Standard (LED)

RoHS COMPLIANT

| **Spannung** *Voltage* | **32 V** | **Strom** *Current* | **3 A - 40 A** |
|---|---|---|---|



Anwendung / *Application:* Anwendungen in der Automobilindustrie / *Applications in automotive industry*

Aufbau / *Construction*:

Gehäuse / *Body:* Isolierender Kunststoff / *Insulating plastic*

Kontakt / *Contact:* Zinklegierung / *Zinc alloy*

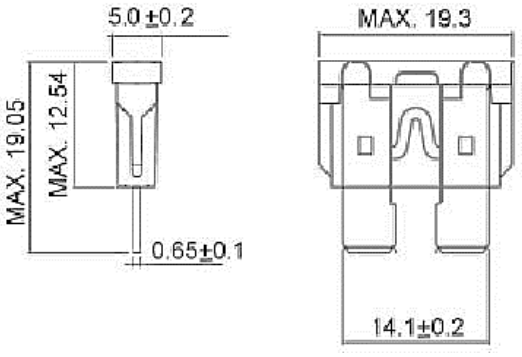
Verpackungsmöglichkeiten / *Packing options:* 2.000 St. im Polybeutel / *2.000 pcs. in polybag*

**Bemessungswerte / Ratings:**

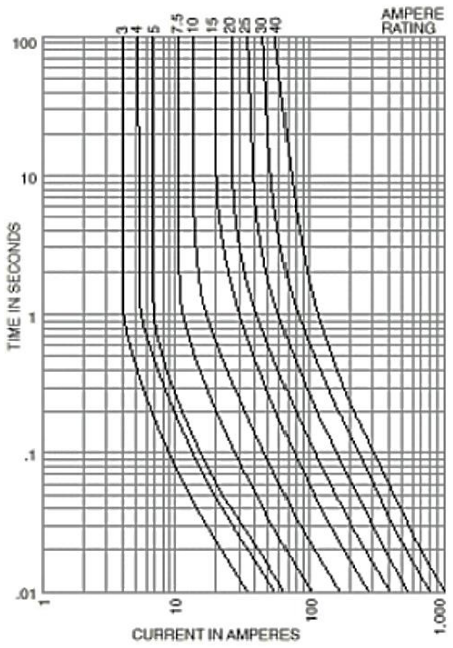
| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | Farbcode / *Color Code* |
|---|---|---|---|---|
| 340.220 | 2 A | 32 | 55 | Grau / Grey |
| 340.222 | 3 A | 32 | 30 | Violett / *Violet* |
| 340.223 | 4 A | 32 | 23 | Rosa / *Pink* |
| 340.224 | 5 A | 32 | 17 | Hellbraun / Tan |
| 340.226 | 7,5 A | 32 | 10,5 | Braun / *Brown* |
| 340.227 | 10 A | 23 | 7,5 | Rot / *Red* |
| 340.229 | 15 A | 32 | 4,6 | Blau / *Blue* |
| 340.231 | 20 A | 32 | 3,2 | Gelb / *Yellow* |
| 340.232 | 25 A | 32 | 2,4 | Weiss / *White* |
| 340.233 | 30 A | 32 | 1,8 | Grün / *Green* |
| 340.234 | 35 A | 32 | 1,6 | Blau Grün / *Blue Green* |
| 340.235 | 40 A | 32 | 1,3 | Bernstein / *Amber* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 3 A – 40 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 0 |
| | $t_{max}$ | 30 min |
| **2 · $I_N$** | $t_{min}$ | 0 |
| | $t_{max}$ | 5 s |




**I- t Charakteristik / *Characteristics*:**




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de

Technische Änderungen sind vorbehalten!
Technical data are subject to change without notice!



Downloaded from Arrow.com.

# Flachstecksicherungen 340.600
*Blade Fuses* DC

ESKA the protection company

## Type Maxi (LED)

RoHS COMPLIANT

| **Spannung** *Voltage* | **32 V** | **Strom** *Current* | **20 A - 100 A** |
|---|---|---|---|



Anwendung / *Application:* Anwendungen in der Automobilindustrie / *Applications in automotive industry*

Aufbau / *Construction*:

Gehäuse / *Body:* Isolierender Kunststoff / *Insulating plastic*

Kontakt / *Contact:* Zinklegierung / *Zinc alloy*

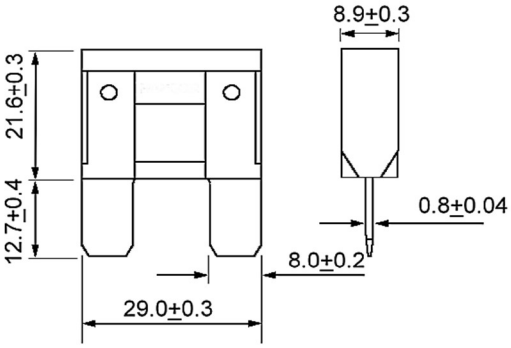
Verpackungsmöglichkeiten / *Packing options:* 100 St. im Polybeutel / *100 pcs. in polybag*

**Bemessungswerte / Ratings:**

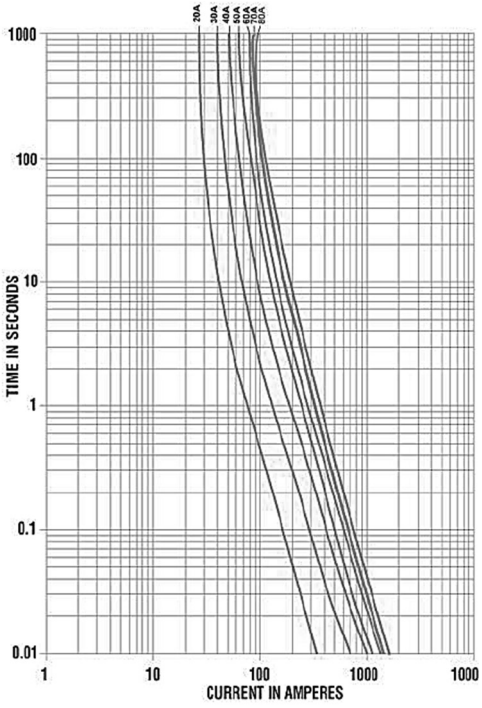
| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | Farbcode / *Color Code* |
|---|---|---|---|---|
| 340.631 | 20 A | 32 | 3,9 | Gelb / *Yellow* |
| 340.633 | 30 A | 32 | 2,4 | Grün / *Green* |
| 340.635 | 40 A | 32 | 1,8 | Orange / Amber |
| 340.637 | 50 A | 32 | 1,4 | Rot / *Red* |
| 340.639 | 60 A | 32 | 1,1 | Blau / *Blue* |
| 340.640 | 70 A | 32 | 0,9 | Braun / Tan |
| 340.641 | 80 A | 32 | 0,8 | Weiß / White |
| 340.643 | 100 A | 32 | 0,6 | Violett / *Purple* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 20 A – 60 A | 70 A- 100 A |
|---|---|---|---|
| **1,35 · $I_N$** | $t_{min}$ | 1 min | 1 min |
| | $t_{max}$ | 30 min | 1 h |
| **2 · $I_N$** | $t_{min}$ | 4 s | |
| | $t_{max}$ | 1 min | |
| **3,5 · $I_N$** | $t_{min}$ | 200 ms | |
| | $t_{max}$ | 7 s | |




**I- t Charakteristik / *Characteristics*:**




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de



Downloaded from Arrow.com.

# KFZ-Sicherungsautomat 340.000-Auto Reset
*Automotive circuit breaker* **DC**

ESKA *the protection company*

## Type Standard

RoHS COMPLIANT

| **Spannung** *Voltage* | **14 V** | **Strom** *Current* | **5 A - 30 A** | **Ausschaltvermögen** *Breaking Capacity* | **100 A – 300 A** |
|---|---|---|---|---|---|



Spezifikation / *Specification*: Automatische Rückstellung (Typ I) / *Automatic reset type (Type I)*

Einpoliger thermischer Schutzschalter / *Single pole temperature circuit breaker*

Prüfnorm / *Testing standards:* SAE J553 Type I

Temperaturbereich / *Operating temperature:* -40°C (-40°F) bis / *to* 85°C (185°F)
Lagerung / *Storage:*
-40°C (-40°F) bis / *to* 125°C (260°F)

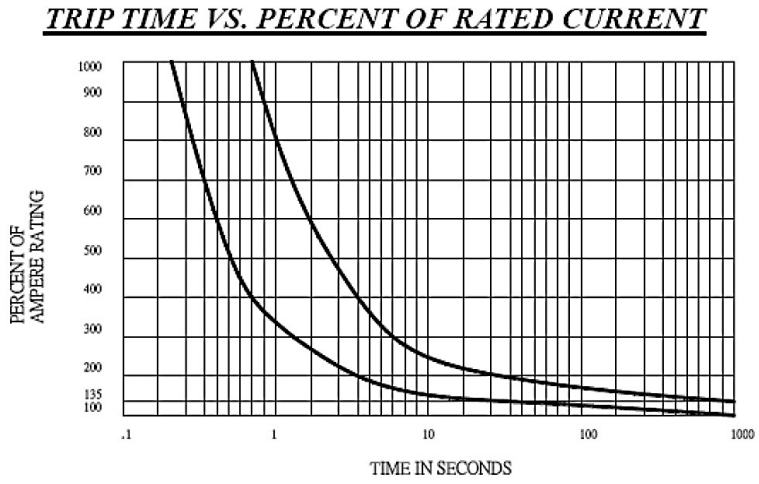
Verpackungsmöglichkeiten / *Packing options*: 100 St. im Polybeutel / *100 pcs. in polybag*

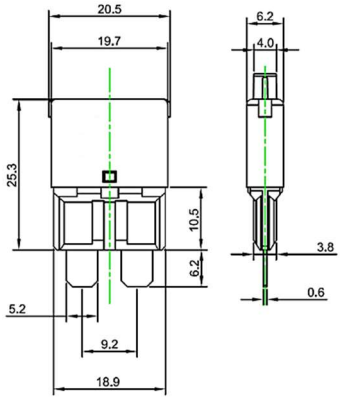
**Bemessungswerte / Ratings:**

| Art. No. | I | U [V] | $I_{BC}$ [A] | Farbcode / *Color code* |
|---|---|---|---|---|
| 340.024–Auto Reset | 5 A | 14 | 100 | Hellbraun / *Tan* |
| 340.025–Auto Reset | 7,5 A | 14 | 100 | Braun / *Brown* |
| 340.027–Auto Reset | 10 A | 14 | 100 | Rot / *Red* |
| 340.029–Auto Reset | 15 A | 14 | 150 | Blau / *Blue* |
| 340.031–Auto Reset | 20 A | 14 | 200 | Gelb / *Yellow* |
| 340.032–Auto Reset | 25 A | 14 | 300 | Weiß / *White* |
| 340.033–Auto Reset | 30 A | 14 | 300 | Grün / *Green* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 5 A - 30 A |
|---|---|---|
| **2 · $I_N$** | $t_{min}$ | Auf |
| | $t_{max}$ | Anfrage |
| **4 · $I_N$** | $t_{min}$ | / |
| | $t_{max}$ | |
| **10 · $I_N$** | $t_{min}$ | *On* |
| | $t_{max}$ | *Request* |






Downloaded from Arrow.com.

# KFZ-Sicherungsautomat 340.000-Manual Reset
*Automotive circuit breaker* **DC**

ESKA the protection company

## Type Standard

RoHS COMPLIANT

| **Spannung** *Voltage* | **28 V** | **Strom** *Current* | **5 A - 30 A** | **Ausschaltvermögen** *Breaking Capacity* | **200 A – 300 A** |
|---|---|---|---|---|---|



Spezifikation / *Specification*: Manuelle Rückstellung (Typ III) / *Manual reset type (Type III)*

Einpoliger thermischer Schutzschalter / *Single pole temperature circuit breaker*

Prüfnorm / *Testing standards:* SAE J553 Type III

Temperaturbereich / *Operating temperature:* -40°C (-40°F) bis / *to* 85°C (185°F)
Lagerung / *Storage:*
-40°C (-40°F) bis / *to* 125°C (260°F)

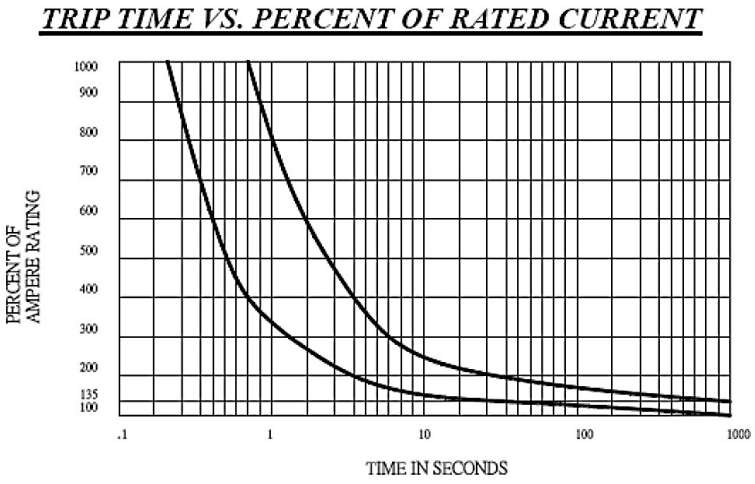
Verpackungsmöglichkeiten / *Packing options*: 100 St. im Polybeutel / *100 pcs. in polybag*

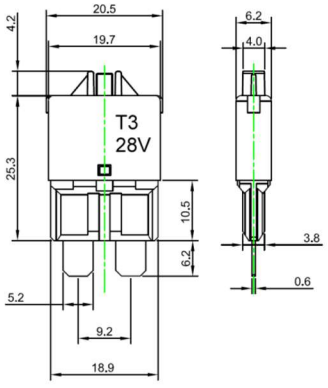
**Bemessungswerte / Ratings:**

| Art. No. | I | U [V] | $I_{BC}$ [A] | Farbcode / *Color code* |
|---|---|---|---|---|
| 340.024–Manual Reset | 5 A | 28 | 100 | Hellbraun / *Tan* |
| 340.025–Manual Reset | 7,5 A | 28 | 100 | Braun / *Brown* |
| 340.027–Manual Reset | 10 A | 28 | 100 | Rot / *Red* |
| 340.029–Manual Reset | 15 A | 28 | 150 | Blau / *Blue* |
| 340.031–Manual Reset | 20 A | 28 | 200 | Gelb / *Yellow* |
| 340.032–Manual Reset | 25 A | 28 | 300 | Weiß / *White* |
| 340.033–Manual Reset | 30 A | 28 | 300 | Grün / *Green* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 5 A - 30 A |
|---|---|---|
| **2 · $I_N$** | $t_{min}$ | Auf |
| | $t_{max}$ | Anfrage |
| **4 · $I_N$** | $t_{min}$ | / |
| | $t_{max}$ | |
| **10 · $I_N$** | $t_{min}$ | *On* |
| | $t_{max}$ | *Request* |






Downloaded from Arrow.com.

# Flachstecksicherungen 343.400
*Blade Fuses* DC

ESKA the protection company

## Type Maxi

RoHS COMPLIANT

| Spannung / *Voltage* | 32 V | Strom / *Current* | 20 A - 100 A | Ausschaltvermögen / *Breaking capacity* | 1.000 A |
|---|---|---|---|---|---|



Norm / *Standard*: ISO 8820-3

Anwendung / *Application*: Automobilindustrie, DC-Anwendungen / *Automotive industry, DC-applications*

Aufbau / *Construction*:

Gehäuse / *Body*: Isolierender Kunststoff / *Insulating Plastic (PA66)*

Kontakte / Terminals: Zink, verzinnt / *Zinc, tin plated*

Betriebs-Umgebungstemperatur / *Operating-ambient temperature:* -40 °C bis / *to* +125 °C

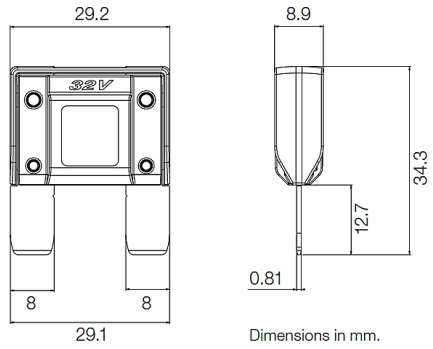
Verpackungsmöglichkeiten / *Packing options*: 2.000 St. = Industrieverpackung / *2.000 pcs. = Industrial packaging*

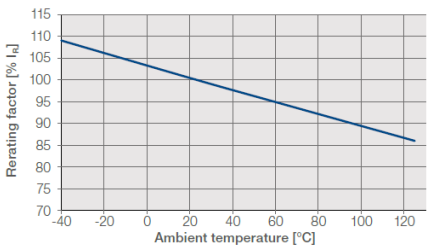
**Bemessungswerte / Ratings:**

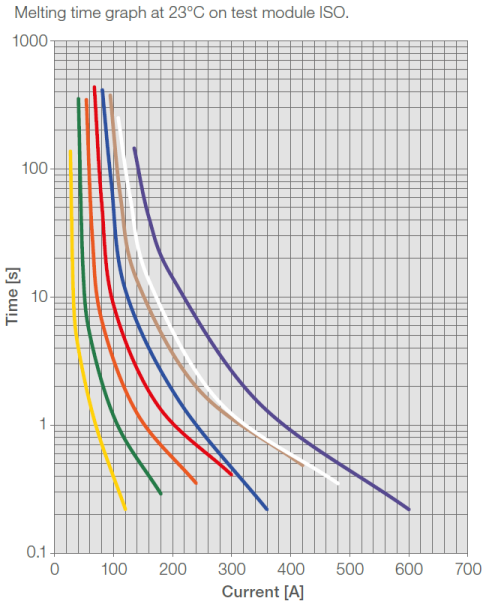
| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $I_{BC}$ [A] | $I^2t$ [$A^2s$] | Farcode / *Color Code* |
|---|---|---|---|---|---|---|
| 343.431 | 20 A | 32 | 105 | 1.000 | 2.880 | Gelb / *Yellow* |
| 343.433 | 30 A | 32 | 95 | 1.000 | 7.069 | Grün / *Green* |
| 343.435 | 40A | 32 | 90 | 1.000 | 23.120 | Orange / *Orange* |
| 343.437 | 50 A | 32 | 89 | 1.000 | 36.980 | Rot / *Red* |
| 343.439 | 60 A | 32 | 84 | 1.000 | 40.680 | Blau / *Blue* |
| 343.440 | 70 A | 32 | 87 | 1.000 | 112.500 | Hellbraun / *Tan* |
| 343.441 | 80 A | 32 | 85 | 1.000 | 23.120 | Weiss / *White* |
| 343.443 | 100 A | 32 | 89,5 | 1.000 | 65.000 | Violett / *Violet* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 20 A – 100 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 1 min |
| | $t_{max}$ | 10 min |
| **2 · $I_N$** | $t_{min}$ | 2 s |
| | $t_{max}$ | 1 min |
| **3,5 · $I_N$** | $t_{min}$ | 200 ms |
| | $t_{max}$ | 7 s |
| **6 · $I_N$** | $t_{min}$ | 40 ms |
| | $t_{max}$ | 1 s |




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de

Technische Änderungen sind vorbehalten!
Technical data are subject to change without notice!



Downloaded from Arrow.com.

# Flachstecksicherungen 343.400-H
*Blade Fuses* DC

ESKA the protection company

## Type Maxi

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity* |
|---|---|---|
| 32 V | 20 A - 100 A | 1.000 A |



Anwendung / *Application*: Automobilindustrie, DC-Anwendungen / *Automotive industry, DC-applications*

Aufbau / *Construction*:
Gehäuse / *Body:* Isolierender Kunststoff / *Insulating Plastic (PA66)*
Kontakte / Terminals: Zink, verzinnt / *Zinc, tin plated*

Betriebs-Umgebungstemperatur / *Operating-ambient temperature:* -40 °C bis / *to* +125 °C

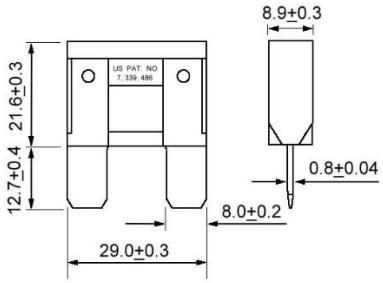
Verpackungsmöglichkeiten / *Packing options*: 500 St. = Industrieverpackung / *500 pcs. = Industrial packaging*

**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | $I_{BC}$ [A] | Farbcode / Color Code |
|---|---|---|---|---|---|
| 343.431-H | 20 A | 32 | 3,9 | 1.000 | Gelb / *Yellow* |
| 343.433-H | 30 A | 32 | 2,4 | 1.000 | Weiss / *White* |
| 343.435-H | 40A | 32 | 1,8 | 1.000 | Grün / *Green* |
| 343.437-H | 50 A | 32 | 1,4 | 1.000 | Orange / *Orange* |
| 343.439-H | 60 A | 32 | 1,1 | 1.000 | Rot / *Red* |
| 343.440-H | 70 A | 32 | 0,9 | 1.000 | Blau / *Blue* |
| 343.441-H | 80 A | 32 | 0,8 | 1.000 | Hellbraun / *Tan* |
| 343.443-H | 100 A | 32 | 0,6 | 1.000 | Violett / *Violet* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 20 A - 60 A | 70 A - 100 A |
|---|---|---|---|
| **1,35 · $I_N$** | $t_{min}$ | 1 min | 1 min |
| | $t_{max}$ | 30 min | 1 h |
| **2 · $I_N$** | $t_{min}$ | 4 s | 4 s |
| | $t_{max}$ | 1 min | 1 min |
| **3,5 · $I_N$** | $t_{min}$ | 200 ms | 200 ms |
| | $t_{max}$ | 7 s | 7 s |




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de



Downloaded from Arrow.com.

# Flachstecksicherungen 343.400-58V
*Blade Fuses* DC

ESKA the protection company

## Type Maxi

RoHS COMPLIANT

| Spannung *Voltage* | 58 V | Strom *Current* | 20 A - 100 A | Ausschaltvermögen *Breaking capacity:* | 1.000 A |
|---|---|---|---|---|---|




Norm / *Standards*: SAE J1888, SAE J2576, ISO 8820-3

Anwendung / *Application*: Hochspannungsanwendungen in der Automobilindustrie, USV bis 58 V / *High voltage automotive industry and UPS up to 58 V*

Aufbau / *Construction*:
Gehäuse / *Body*: Isolierender Kunststoff / *Insulating plastic*
Kontakt / *Contact*: Zinklegierung / *Zinc alloy*

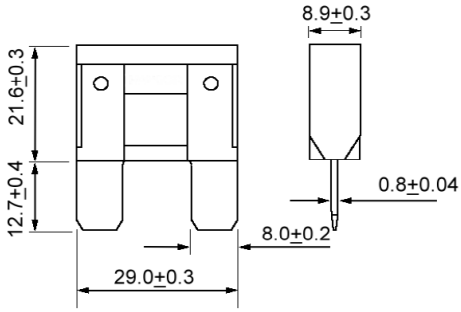
Verpackungsmöglichkeiten / *Packing options*: 500 St. = Industrieverpackung / *500 pcs. = Industrial packaging*

**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | $I_{BC}$ [A] | Farbcode / Color Code |
|---|---|---|---|---|---|
| 343.430-58V | 20 A | 58 V | 31 | 1.000 | Gelb / *Yellow* |
| 343.431-58V | 30 A | 58 V | 20 | 1.000 | Grün / *Green* |
| 343.433-58V | 40 A | 58 V | 14 | 1.000 | Orange / *Orange* |
| 343.435-58V | 50 A | 58 V | 11 | 1.000 | Rot / *Red* |
| 343.439-58V | 60 A | 58 V | 8,9 | 1.000 | Blau / *Blue* |
| 343.440-58V | 70 A | 58 V | 6,9 | 1.000 | Braun / *Brown* |
| 343.441-58V | 80 A | 58 V | 14 | 1.000 | Weiß / *White* |
| 343.443-58V | 100 A | 58 V | 6,0 | 1.000 | Lila / *Purple* |

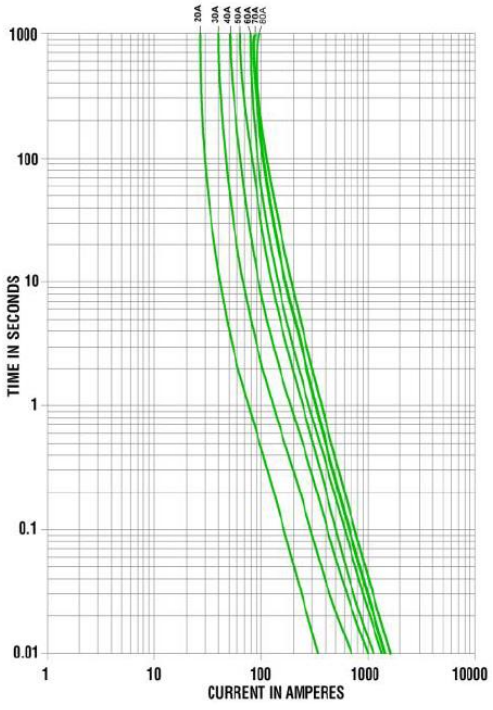
**$I_N$ - t Verhalten / *$I_N$ - t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 20 A – 60 A | 70 A- 100 A |
|---|---|---|---|
| **1,35 · $I_N$** | $t_{min}$ | 1 min | 1 min |
| | $t_{max}$ | 30 min | 1 h |
| **2 · $I_N$** | $t_{min}$ | 4 s | |
| | $t_{max}$ | 1 min | |
| **3,5 · $I_N$** | $t_{min}$ | 200 ms | |
| | $t_{max}$ | 7 s | |




**Unit : mm**

**I-t Charakteristik / *Characteristics:***




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de

Technische Änderungen sind vorbehalten!
Technical data are subject to change without notice!



Downloaded from Arrow.com.

# Flachsteck-Sicherungen 343.400-M8C
*Blade-fuses* DC

ESKA the protection company

## Type M8 Compact

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity* |
|---|---|---|
| 32 V | 30 A – 80 A | 1.000 A |



Norm / *Standards*: ISO 8820-11

Anwendung / *Application*: Automobilindustrie, DC-Anwendungen / *Automotive industry, DC-applications*

Aufbau / *Construction*:

Gehäuse / *Body:* Isolierender Kunststoff / *Insulating Plastic (PA66)*

Kontakte / Terminals: Zink, verzinnt / *Zinc, tin plated*

Betriebs-Umgebungstemperatur / *Operating-ambient temperature:* -40 °C bis / *to* +125 °C

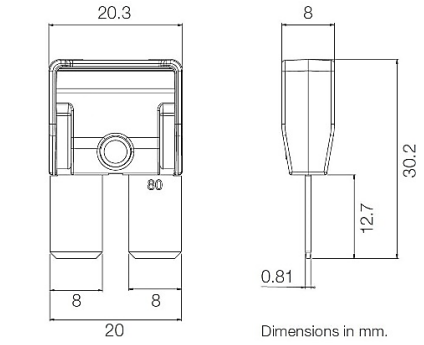
Verpackungsmöglichkeiten / *Packing options*: 2.000 St. = Industrieverpackung / *2.000 pcs. = Industrial packaging*

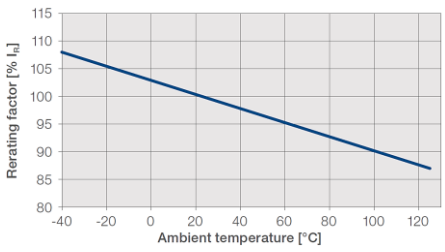
**Bemessungswerte / Ratings:**

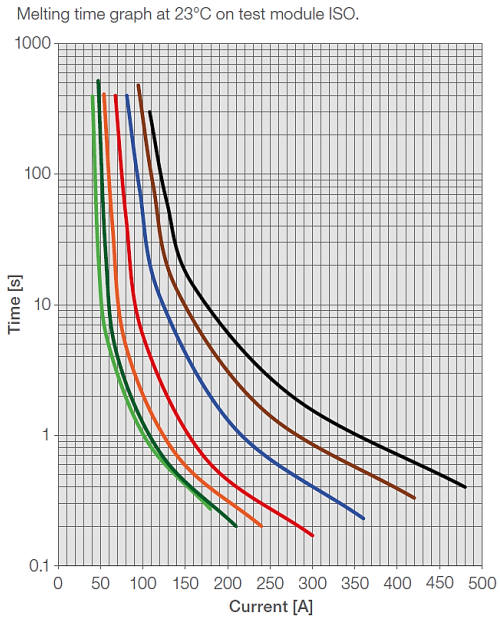
| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $R_C$ [Ω] | $I_{BC}$ [A] | Farbcode / *Color Code* |
|---|---|---|---|---|---|---|
| 343.433-M8C | 30 A | 32 | 108 | 2,4 | 1.000 | Hellgrün / *Lime* |
| 343.434-M8C | 35 A | 32 | 102 | 1,9 | 1.000 | D.grün / *D.green* |
| 343.435-M8C | 40 A | 32 | 97 | 1,5 | 1.000 | Orange / *Orange* |
| 343.437-M8C | 50 A | 32 | 92 | 1,1 | 1.000 | Rot / *Red* |
| 343.439-M8C | 60 A | 32 | 85 | 0,9 | 1.000 | Blau / *Blue* |
| 343.440-M8C | 70 A | 32 | 82 | 0,7 | 1.000 | Hellbraun / *Tan* |
| 343.441-M8C | 80 A | 32 | 88 | 0,6 | 1.000 | Schwarz / *Black* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 30 A – 80 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 1 min |
| | $t_{max}$ | 15 min |
| **2 · $I_N$** | $t_{min}$ | 2 s |
| | $t_{max}$ | 1 min |
| **3,5 · $I_N$** | $t_{min}$ | 200 ms |
| | $t_{max}$ | 7 s |
| **6 · $I_N$** | $t_{min}$ | 40 ms |
| | $t_{max}$ | 1 s |




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de

Technische Änderungen sind vorbehalten!
Technical data are subject to change without notice!



Downloaded from Arrow.com.

# Flachstecksicherungen 343.400-MC
*Blade Fuses* DC

ESKA the protection company

## Type Maxi Compact

RoHS COMPLIANT

| Spannung / *Voltage* | 32 V | Strom / *Current* | 20 A – 60 A | Ausschaltvermögen / *Breaking capacity* | 1.000 A |
|---|---|---|---|---|---|



Norm / *Standards*: ISO 8820-10

Anwendung / *Application*: Automobilindustrie, DC-Anwendungen / *Automotive industry, DC-applications*

Aufbau / *Construction*:

Gehäuse / *Body*: Isolierender Kunststoff / *Insulating Plastic (PA66)*

Kontakte / Terminals: Zink, verzinnt / *Zinc, tin plated*

Betriebs-Umgebungstemperatur / *Operating-ambient temperature:* -40 °C bis / *to* +125 °C

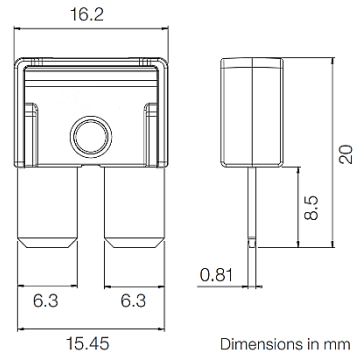
Verpackungsmöglichkeiten / *Packing options*: 2.000 St. = Industrieverpackung / *2.000 pcs. = Industrial packaging*

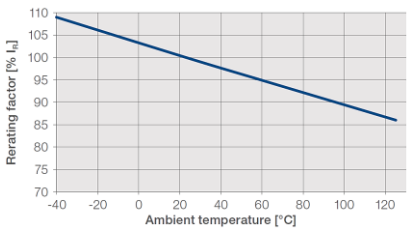
**Bemessungswerte / Ratings:**

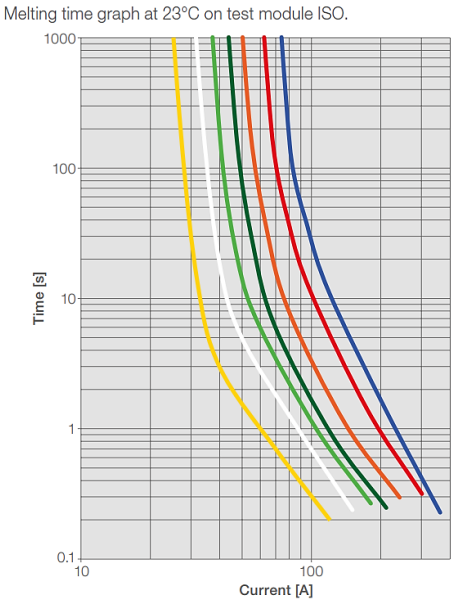
| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $R_C$ [Ω] | $I_{BC}$ [A] | Farcode / *Color Code* |
|---|---|---|---|---|---|---|
| 343.431-MC | 20 A | 32 | 93 | 3,4 | 1.000 | Gelb / *Yellow* |
| 343.432-MC | 25 A | 32 | 101 | 2,8 | 1.000 | Weiß / *White* |
| 343.433-MC | 30 A | 32 | 100 | 2,2 | 1.000 | Hellgrün / *Lime* |
| 343.434-MC | 35 A | 32 | 89 | 1,7 | 1.000 | D.grün / *D.green* |
| 343.435-MC | 40 A | 32 | 85 | 1,4 | 1.000 | Orange / *Orange* |
| 343.437-MC | 50 A | 32 | 84 | 1,0 | 1.000 | Rot / *Red* |
| 343.439-MC | 60 A | 32 | 69 | 0,8 | 1.000 | Blau / *Blue* |

**$I_N$ - t Verhalten / *$I_N$ - t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 20 A – 60 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 1 min |
| | $t_{max}$ | 5 min |
| **2 · $I_N$** | $t_{min}$ | 2 s |
| | $t_{max}$ | 30 s |
| **3,5 · $I_N$** | $t_{min}$ | 200 ms |
| | $t_{max}$ | 7 s |
| **6 · $I_N$** | $t_{min}$ | 40 ms |
| | $t_{max}$ | 1 s |






Downloaded from Arrow.com.

# Flachstecksicherungen 1.343.400-58V
*Blade Fuses* DC

ESKA the protection company

## Type Maxi

RoHS COMPLIANT

| Spannung / *Voltage* | 58 V | Strom / *Current* | 20 A - 100 A | Ausschaltvermögen / *Breaking capacity* | 1.000 A |
|---|---|---|---|---|---|




Anwendung / *Application*: Hochspannungsanwendungen in der Automobilindustrie, USV bis 58 V / *High voltage automotive industry and UPS up to 58 V*

Aufbau / *Construction*:

Gehäuse / *Body*: Isolierender Kunststoff / *Insulating plastic*

Kontakt / *Contact*: Zinklegierung / *Zinc alloy*
**Verzinnte Kontakte zum Einlöten /**
***Tinned contacts suitable for soldering***

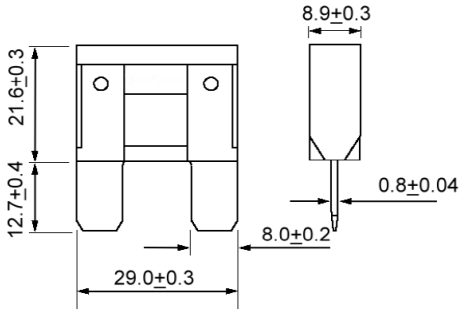
Verpackungsmöglichkeiten / *Packing options*: 500 St. = Industrieverpackung / *500 pcs. = Industrial packaging*

**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [mΩ] | $I_{BC}$ [A] | Farbcode / *Color Code* |
|---|---|---|---|---|---|
| 1.343.430-58V | 20 A | 58 V | 31 | 1.000 | Gelb / *Yellow* |
| 1.343.431-58V | 30 A | 58 V | 20 | 1.000 | Grün / *Green* |
| 1.343.433-58V | 40 A | 58 V | 14 | 1.000 | Bernstein / *Amber* |
| 1.343.435-58V | 50 A | 58 V | 11 | 1.000 | Rot / *Red* |
| 1.343.439-58V | 60 A | 58 V | 8,9 | 1.000 | Blau / *Blue* |
| 1.343.440-58V | 70 A | 58 V | 6,9 | 1.000 | Hellbraun / *Tan* |
| 1.343.441-58V | 80 A | 58 V | 14 | 1.000 | Pink / *Pink* |
| 1.343.443-58V | 100 A | 58 V | 6,0 | 1.000 | Violett / *Violet* |

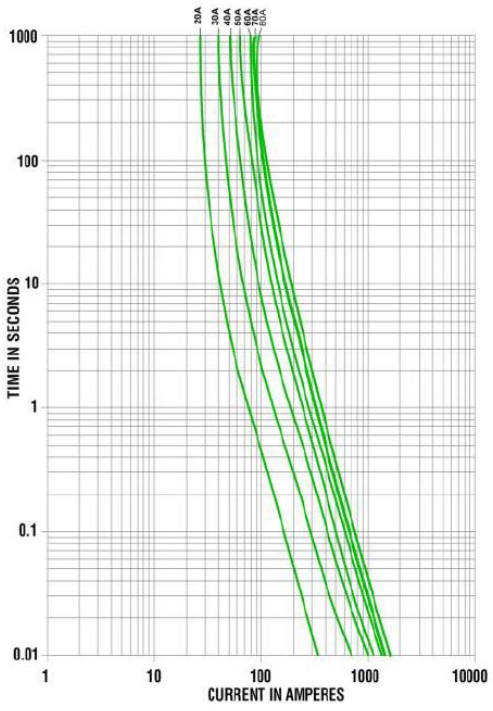
**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 20 A – 60 A | 70 A- 100 A |
|---|---|---|---|
| **1,35 · $I_N$** | $t_{min}$ | 1 min | 1 min |
| | $t_{max}$ | 30 min | 1 h |
| **2 · $I_N$** | $t_{min}$ | 4 s | |
| | $t_{max}$ | 1 min | |
| **3,5 · $I_N$** | $t_{min}$ | 200 ms | |
| | $t_{max}$ | 7 s | |




**Unit : mm**

**I-t Charakteristik / *Characteristics:***




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de

Technische Änderungen sind vorbehalten!
Technical data are subject to change without notice!



Downloaded from Arrow.com.

# Streifensicherungen
*Strip Fuses*

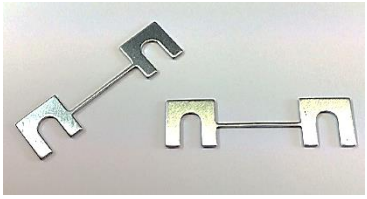
**341.200**
**DC**

ESKA the protection company

## 41,2 x 11,2 mm

RoHS COMPLIANT

| **Spannung** *Voltage* | **Strom** *Current* | **Ausschaltvermögen** *Breaking capacity* |
|---|---|---|
| **32 V** | **30 A - 100 A** | **1.000 A** |



| | |
|---|---|
| Norm / *Standard:* | DIN 72581-2 |
| Material: | Kupfer, verzinkt / *Copper zinc-alloy* |
| Farbe / *Colour* | Silber / *silver* |
| Verpackungsmöglichkeiten / *Packing options*: | 100 St. = Industrieverpackung / *100 pcs. = Industrial packaging* |

**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $I_{BC}$ [A] | Materialstärke / thickness |
|---|---|---|---|---|---|
| 341.233 | 30 A | 32 | 80 | 1.000 | 0,20 |
| 341.235 | 40 A | 32 | 80 | 1.000 | 0,25 |
| 341.237 | 50 A | 32 | 80 | 1.000 | 0,35 |
| 341.239 | 60 A | 32 | 80 | 1.000 | 0,40 |
| 341.241 | 80 A | 32 | 80 | 1.000 | 0,50 |
| 341.243 | 100 A | 32 | 80 | 1.000 | 0,80 |

**$I_N$ - t Verhalten / *$I_N$ - t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 30 A - 100 A |
|---|---|---|
| **1,0 · $I_N$** | $t_{min}$<br>$t_{max}$ | Auf Anfrage |
| **2 · $I_N$** | $t_{min}$<br>$t_{max}$ | / |
| **4 · $I_N$** | $t_{min}$<br>$t_{max}$ | *On request* |
| **10 · $I_N$** | $t_{min}$<br>$t_{max}$ | |



Downloaded from Arrow.com.

# Schraubsicherungen 341.400-58V
## *Bold-Down Fuses* DC

ESKA the protection company

RoHS COMPLIANT

| | | | | | |
|---|---|---|---|---|---|
| **Spannung** *Voltage* | **58 V** | **Strom** *Current* | **30 A – 200 A** | **Ausschaltvermögen** *Breaking capacity* | **Auf Anfrage / *On request*** |



| | |
|---|---|
| Prüfnorm / *Testing standards:* | ISO 8820-5 |
| Anwendung / *Application* | Automobilindustrie, DC-Anwendungen / *Automotive industry, DC-applications* |
| Aufbau / *Construction*: | |
| Gehäuse / *Body* | Thermoplastik / *Thermoplastic* |
| Kontakt / *Contact* | Kupfer, Silber-Nickel Legierung / *Copper, silver-nickel plated* |
| Befestigungsschraube / *Mounting screw:* | 5,5 mm |
| Umgebungstemperatur / *Ambient temperature*: | -20 °C bis / *to* +125 °C |
| Verpackungsmöglichkeiten / *Packing options*: | Auf Anfrage / *On request* |

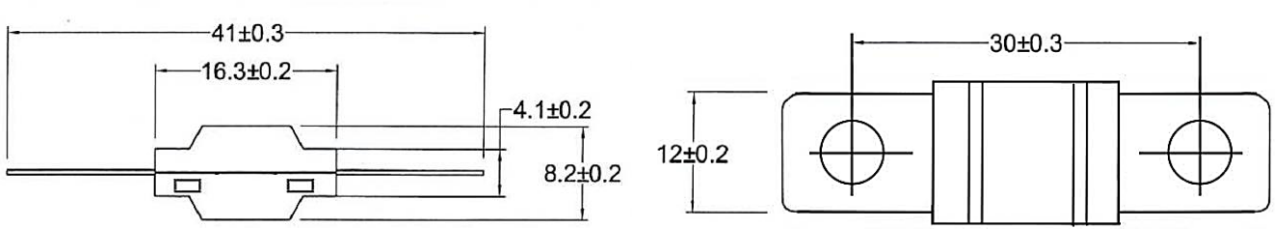
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | U [V] | $I_{BC}$ [A] |
|---|---|---|---|
| 341.437-58V | 50 A | 58 | Auf Anfrage / On request |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 30 A - 125 A | Schmelzzeit / *Melting time:* 150 A - 200 A |
|---|---|---|---|
| **1,5 · $I_N$** | $t_{min}$ | 90 s | |
| | $t_{max}$ | 1 h | |
| **2 · $I_N$** | $t_{min}$ | 5 s | 1 s |
| | $t_{max}$ | 10 s | 15 s |
| **3 · $I_N$** | $t_{min}$ | 500 ms | 300 ms |
| | $t_{max}$ | 3 s | 3 s |

**Maße / *Dimensions*:**






Downloaded from Arrow.com.

# Streifensicherungen
*Strip Fuses*

**341.200-M6**
**DC**

ESKA the protection company

## 42 x 12 mm

RoHS COMPLIANT

| **Spannung** *Voltage* | **Strom** *Current* | **Ausschaltvermögen** *Breaking capacity* |
|---|---|---|
| **36 V** | **30 A – 200 A** | **1.000 A** |



| | |
|---|---|
| Norm / *Standard:* | Werknorm / Factory standard |
| Material: | Kupfer, verzinkt / *Copper zinc-alloy* |
| Kontaktanschlüsse / *Conntection possibility*: | 2 x M6 Schrauben mit 30 mm Abstand / *2 x M6 screw at 30 mm distance* |
| Anzugsdrehmoment / *Mounting torque*: | 4 Nm ± 1 Nm |
| Materialstärke / *Material thickness*: | 0,8 mm |
| Betriebstemperatur / *Operating temperature*: | -40°C bis / *to* +125°C (De-rating beachten / Consider De-Rating) |
| Verpackungsmöglichkeiten / *Packing options*: | Auf Anfrage / *On request* |

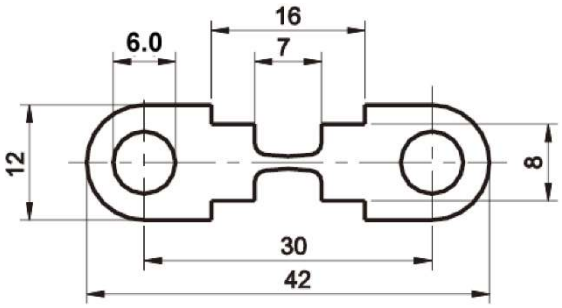
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $R_c$ [mΩ] | $I_{BC}$ [A] |
|---|---|---|---|---|---|
| 341.233-M6 | 30 A | 36 | 48 | 1,42 | 1.000 |
| 341.235-M6 | 40 A | 36 | 48 | 0,95 | 1.000 |
| 341.237-M6 | 50 A | 36 | 46 | 0,70 | 1.000 |
| 341.239-M6 | 60 A | 36 | 46 | 0,62 | 1.000 |
| 341.241-M6 | 80 A | 36 | 46 | 0,45 | 1.000 |
| 341.243-M6 | 110 A | 36 | 46 | 0,35 | 1.000 |
| 341.244-M6 | 150 A | 36 | 56 | 0,30 | 1.000 |
| 341.245-M6 | 175 A | 36 | 56 | 0,28 | 1.000 |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 30 A - 200 A |
|---|---|---|
| **1,25 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **3 · $I_N$** | $t_{min}$ | 100 ms |
| | $t_{max}$ | 10 s |
| **6 · $I_N$** | $t_{min}$ | 20 ms |
| | $t_{max}$ | 1 s |
| **10 · $I_N$** | $t_{min}$ | 10 ms |
| | $t_{max}$ | 300 ms |

**Maße / *Dimensions*:**






Downloaded from Arrow.com.

# Schraubsicherungen 341.300
*Bold-Down Fuses* DC

ESKA the protection company

## Type Mega

RoHS COMPLIANT

| Spannung / *Voltage* | 32 V | Strom / *Current* | 100 A - 500 A | Ausschaltvermögen / *Breaking capacity* | 2.000 A |
|---|---|---|---|---|---|



Norm / *Standard*: ISO 8820-5 (type SF 51)

Aufbau / *Construction*:

Gehäuse / *Body:* PA66-GF25

Kontakte / *Terminals:* 100 A – 250 A: Verzinnte Zinklegierung / *Tin plated zinc alloy*
300 A – 500 A: Verzinntes Kupfer / *Tin plated copper*

Befestigungsschraube / *Mounting screw:* M8

Umgebungstemperatur / *Ambient temperature*: -40 °C bis / *to* +125 °C

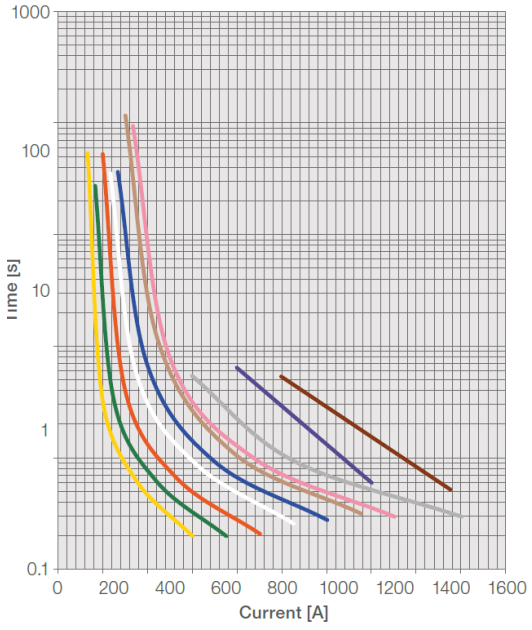
Verpackungsmöglichkeiten / *Packing options*: 1.000 St. = Industrieverpackung / *1.000 pcs. = Industrial packaging*

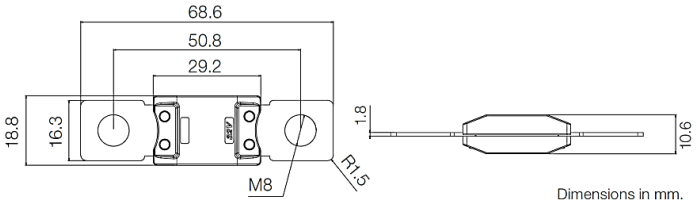
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $I_{BC}$ [A] | $I^2t$ [$A^2s$] | Farcode / *Colour Code* |
|---|---|---|---|---|---|---|
| 341.310 | 100 A | 32 | 86 | 2.000 | 219.583 | Gelb / *Yellow* |
| 341.312 | 125 A | 32 | 85 | 2.000 | 353.125 | Grün / *Green* |
| 341.315 | 150 A | 32 | 93 | 2.000 | 463.167 | Orange / *Orange* |
| 341.317 | 175 A | 32 | 80 | 2.000 | 303.521 | Weiß / *White* |
| 341.320 | 200 A | 32 | 81 | 2.000 | 416.250 | Blau / *Blue* |
| 341.322 | 225 A | 32 | 100 | 2.000 | 296.042 | Braun / *Brown* |
| 341.325 | 250 A | 32 | 80 | 2.000 | 637.500 | Rosa / *Pink* |
| 341.328 | 300 A | 32 | 75 | 2.000 | 880.000 | Grau /*Grey* |
| 341.329 | 400 A | 32 | 75 | 2.000 | 1.028.000 | Violett / *Violet* |
| 341.327 | 500 A | 32 | 80 | 2.000 | 1.892.000 | Braun / *Brown* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 100 A - 500 A |
|---|---|---|
| **1,0 · $I_N$** | $t_{min}$ | 4 h |
| | $t_{max}$ | - |
| **1,35 $I_N$** | $t_{min}$ | 2 min |
| | $t_{max}$ | 30 min |
| **2 · $I_N$** | $t_{min}$ | 1 s |
| | $t_{max}$ | 15 s |
| **3,5 · $I_N$** | $t_{min}$ | 300 ms |
| | $t_{max}$ | 5 s |
| **6 · $I_N$** | $t_{min}$ | 100 ms |
| | $t_{max}$ | 1 s |






Downloaded from Arrow.com.

# Schraubsicherungen 341.300-70V
# *Bold-Down Fuses* DC

ESKA the protection company

## Type Mega

RoHS COMPLIANT

| | | | | | |
|---|---|---|---|---|---|
| **Spannung** *Voltage* | **70 V** | **Strom** *Current* | **100 A – 500 A** | **Ausschaltvermögen** *Breaking capacity* | **2.500 A** |



Prüfnorm / *Testing standards:* ISO 20934 (type SF51-70V)

Aufbau / *Construction*:

Gehäuse / *Body* GF6T/66-GF30 V0 (Thermoplastik / *Thermoplastic*)

Kontakt / *Contact* Kupfer, verzinnt / *Tin plated copper*

Befestigungsschraube / *Mounting screw:* M8

Umgebungstemperatur / *Ambient temperature*: -40 °C bis / *to* +125 °C

Verpackungsmöglichkeiten / *Packing options*: 1.000 St. = Industrieverpackung / *1.000 pcs. = Industrial packaging*

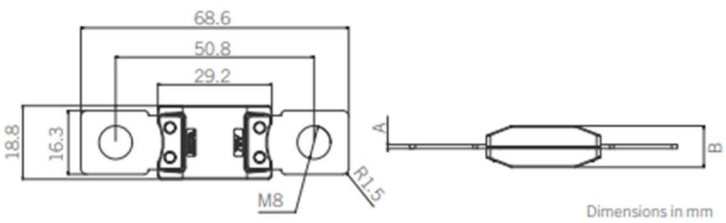
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $I_{BC}$ [A] | $I^2t$ [$A^2s$] | Farbcode / *Colour Code* |
|---|---|---|---|---|---|---|
| 341.310-70V | 100 A | 70 | 108 | 2.500 | 87.500 | Gelb / *Yellow* |
| 341.312-70V | 125 A | 70 | 107 | 2.500 | 100.000 | Grün / *Green* |
| 341.315-70V | 150 A | 70 | 104 | 2.500 | 150.000 | Orange / *Orange* |
| 341.317-70V | 175 A | 70 | 103 | 2.500 | 287.500 | Weiß / *White* |
| 341.320-70V | 200 A | 70 | 98 | 2.500 | 400.000 | Blau / *Blue* |
| 341.322-70V | 225 A | 70 | 98 | 2.500 | 537.500 | Hellbraun / Light *Brown* |
| 341.325-70V | 250 A | 70 | 103 | 2.500 | 612.500 | Rosa / *Pink* |
| 341.328-70V | 300 A | 70 | 55 | 2.500 | 937.500 | Grau /*Grey* |
| 341.329-70V | 400 A | 70 | 65 | 2.500 | 1.025.000 | Violett / *Violet* |
| 341.327-70V | 500 A | 70 | 75 | 2.500 | 1.687.500 | Braun / *Brown* |

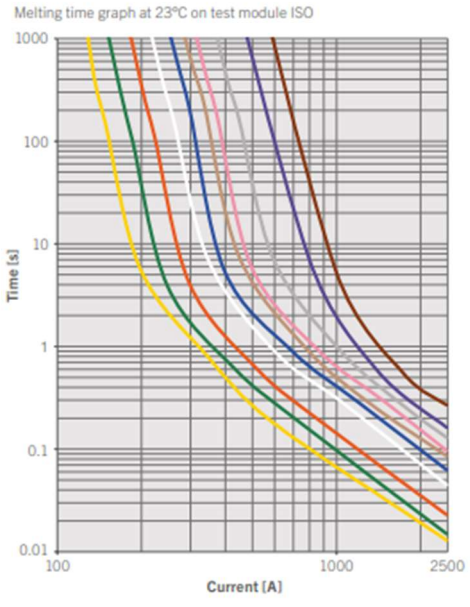
**$I_N$ - t Verhalten / *$I_N$ - t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 100 A - 500 A |
|---|---|---|
| **1,0 · $I_N$** | $t_{min}$ | 4 h |
| | $t_{max}$ | - |
| **1,35 $I_N$** | $t_{min}$ | 2 min |
| | $t_{max}$ | 30 min |
| **2 · $I_N$** | $t_{min}$ | 1 s |
| | $t_{max}$ | 15 s |
| **3,5 · $I_N$** | $t_{min}$ | 300 ms |
| | $t_{max}$ | 5 s |
| **6 · $I_N$** | $t_{min}$ | 100 ms |
| | $t_{max}$ | 1 s |

**Maße / *Dimensions*:**




**$I_N$ - t Kennlinie / *$I_N$ - t graph*:**




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de

Technische Änderungen sind vorbehalten!
Technical data are subject to change without notice!



Downloaded from Arrow.com.

# Schraubsicherungen
*Bold-Down Fuses*

**341.400**
**DC**

ESKA the protection company

## Type Midi

RoHS COMPLIANT

| **Spannung** *Voltage* | **32 V** | **Strom** *Current* | **30 A - 125 A** | **Ausschaltvermögen** *Breaking capacity* | **2.000 A** |
|---|---|---|---|---|---|



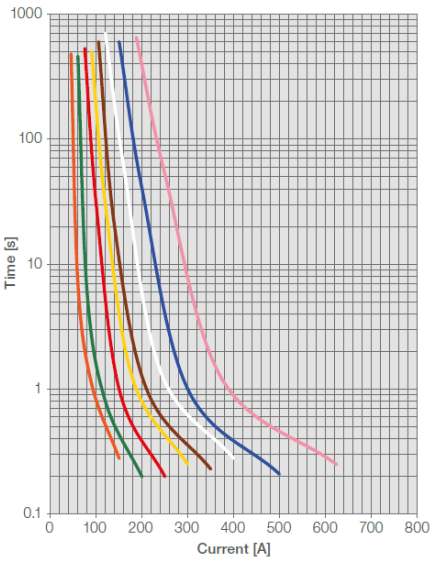
| | |
|---|---|
| Norm / *Standard*: | ISO 8820-5 (type SF30) |
| Aufbau / *Construction*: | |
| Gehäuse / *Body:* | PA66-GF25 |
| Kontakte / *Terminals:* | Zink, verzinnt / *Zinc, Sn plated* |
| Befestigungsschraube / *Mounting screw:* | M5 |
| Umgebungstemperatur / *Ambient temperature*: | -40 °C bis / *to* +125 °C |
| Verpackungsmöglichkeiten / *Packing options*: | Auf Anfrage / *On request* |

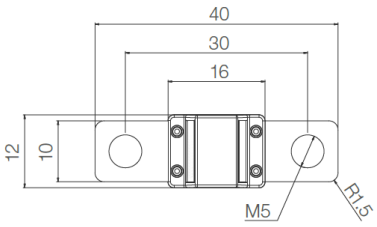
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $I_{BC}$ [A] | $I^2t$ [$A^2s$] | Farcode / *Color Code* |
|---|---|---|---|---|---|
| 341.410 | 30 A | 32 | 2.000 | 10.523 | Orange / *Orange* |
| 341.414 | 40 A | 32 | 2.000 | 18.929 | Grün / *Green* |
| 341.415 | 50 A | 32 | 2.000 | 26.320 | Rot / *Red* |
| 341.416 | 60 A | 32 | 2.000 | 30.804 | Gelb / *Yellow* |
| 341.417 | 70 A | 32 | 2.000 | 26.728 | Braun / *Brown* |
| 341.418 | 80 A | 32 | 2.000 | 56.298 | Weiß / *White* |
| 341.420 | 100 A | 32 | 2.000 | 34.524 | Blau / *Blue* |
| 341.425 | 125 A | 32 | 2.000 | 48.601 | Rosa / *Pink* |

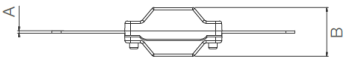
**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 30 A - 125 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 4 h |
| | $t_{max}$ | - |
| **1,5 · $I_N$** | $t_{min}$ | 90 s |
| | $t_{max}$ | 10 h |
| **2 · $I_N$** | $t_{min}$ | 3 s |
| | $t_{max}$ | 100 s |
| **3 · $I_N$** | $t_{min}$ | 300 ms |
| | $t_{max}$ | 3 s |
| **5 · $I_N$** | $t_{min}$ | 100 ms |
| | $t_{max}$ | 1 s |

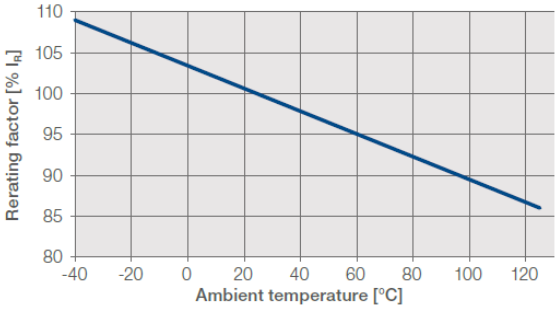



| Fuse size | A [mm] | B [mm] |
|---|---|---|
| 30-70 A | 0.63 | 4 |
| 80-125 A | 0.8 | 4.2 |




Dimensions in mm.






Downloaded from Arrow.com.

# Schraubsicherungen
*Bold-Down Fuses*

**341.400-CU**
**DC**

ESKA the protection company

## Type Midi

RoHS COMPLIANT

| **Spannung** *Voltage* | **32 V** | **Strom** *Current* | **30 A - 200 A** | **Ausschaltvermögen** *Breaking capacity* | **2.000 A** |
|---|---|---|---|---|---|



Norm / *Standard*: ISO 8820-5 (type SF30)

Aufbau / *Construction*:
Gehäuse / *Body:* PA66-GF25
Kontakte / *Terminals:* Kupfer, verzinnt / *Copper, Sn plated*
Befestigungsschraube / *Mounting screw:* M5

Umgebungstemperatur / *Ambient temperature*: -40 °C bis / *to* +125 °C

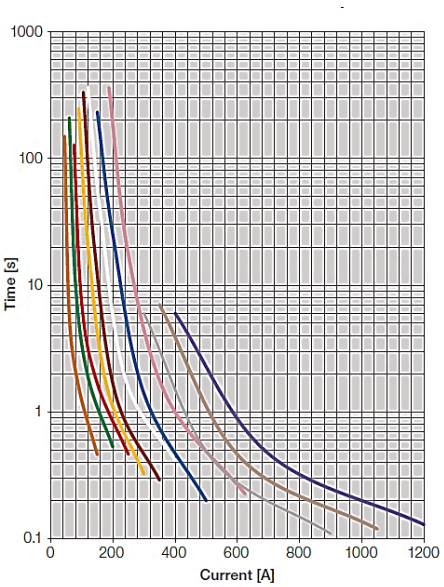
Verpackungsmöglichkeiten / *Packing options*: Auf Anfrage / *On request*

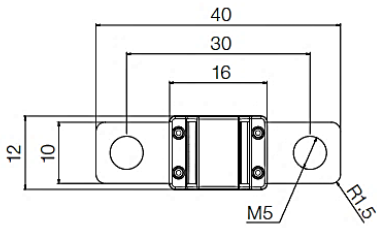
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $I_{BC}$ [A] | $I^2t$ [$A^2s$] | Farcode / *Color Code* |
|---|---|---|---|---|---|
| 341.410-CU | 30 A | 32 | 2.000 | 4.300 | Orange / *Orange* |
| 341.414-CU | 40 A | 32 | 2.000 | 6.300 | Grün / *Green* |
| 341.415-CU | 50 A | 32 | 2.000 | 9.800 | Rot / *Red* |
| 341.416-CU | 60 A | 32 | 2.000 | 16.600 | Gelb / *Yellow* |
| 341.417-CU | 70 A | 32 | 2.000 | 20.800 | Braun / *Brown* |
| 341.418-CU | 80 A | 32 | 2.000 | 31.000 | Weiß / *White* |
| 341.420-CU | 100 A | 32 | 2.000 | 37.500 | Blau / *Blue* |
| 341.425-CU | 125 A | 32 | 2.000 | 69.500 | Rosa / *Pink* |
| 341.430-CU | 150 A | 32 | 2.000 | 80.000 | Grau / *Grey* |
| 341.435-CU | 175 A | 32 | 2.000 | 116.000 | Hellbraun / *Light brown* |
| 341.440-CU | 200 A | 32 | 2.000 | 172.000 | Violett / *Violet* |

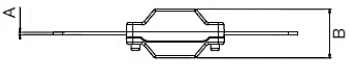
**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 30 A - 125 A | Schmelzzeit / *Melting time:* 150 A - 200 A |
|---|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 4 h | - |
| | $t_{max}$ | - | - |
| **1,5 · $I_N$** | $t_{min}$ | 90 s | - |
| | $t_{max}$ | 1 h | - |
| **2 · $I_N$** | $t_{min}$ | 3 s | |
| | $t_{max}$ | 100 s | 20 s |
| **3,5 · $I_N$** | $t_{min}$ | - | 300 ms |
| | $t_{max}$ | - | 5 s |
| **5 · $I_N$** | $t_{min}$ | 100 ms | - |
| | $t_{max}$ | 1 s | - |
| **6 · $I_N$** | $t_{min}$ | - | 100 ms |
| | $t_{max}$ | - | 1 s |

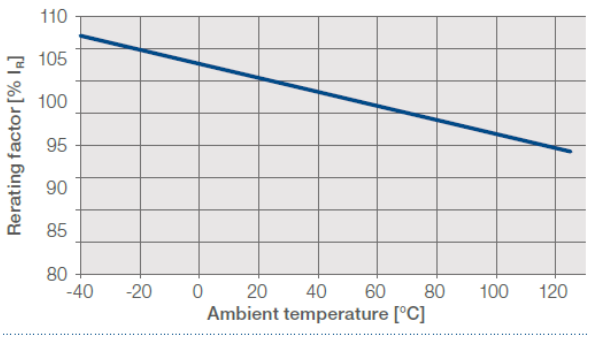



| Fuse size | A [mm] | B [mm] |
|---|---|---|
| 30-80 A | 0.40 | 4 |
| 100-200 A | 0.60 | 4 |




Dimensions in mm.






Downloaded from Arrow.com.

# Schraubsicherungen
*Bold-Down Fuses*

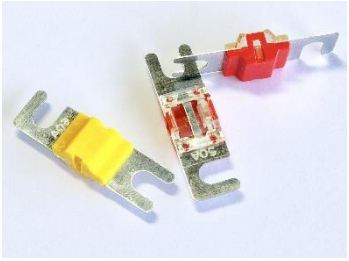
**341.400-X**
**DC**

ESKA the protection company

## Type Midi

RoHS COMPLIANT

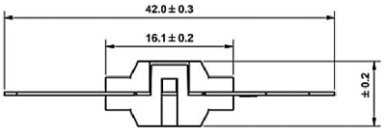
| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity* |
|---|---|---|
| 32 V | 30 A - 200 A | 1.000 A |

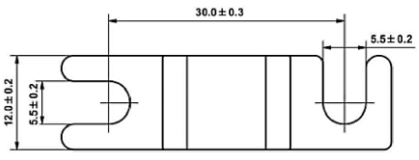


| | |
|---|---|
| Norm / *Standard:* | SAE J1171<br>ISO 8820-5<br>*UL 248-13* (Auf Anfrage / *On request*) |
| Anwendungen / *Applications:* | Kfz-Bereich & Elektroindustrie /<br>*Automobile area & electrical industry* |
| Zulässige Umgebungstemperatur /<br>*Permissible ambient temperature:* | - 20 °C bis / *up to* +125 °C |
| Gehäuse / *Body*: | Thermoplaste / *Thermoplastic* |
| Anschlusskontakt / Terminal contacts: | Kupfer, vernickelt / *Copper, nickel plated* |
| Lötbarkeit gemäß / *Solderability according to*: | 60068-2-20 |
| Verpackungsmöglichkeiten / *Packing options*: | Auf Anfrage / *On request* |

**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $R_c$ [Ω] | $I_{BC}$ [A] | Farbcode / *Color Code* |
|---|---|---|---|---|---|
| 341.410-X | 30 A | 32 | | 1.000 | Orange / *Orange* |
| 341.414-X | 40 A | 32 | | 1.000 | Grün / *Green* |
| 341.415-X | 50 A | 32 | Auf | 1.000 | Rot / *Red* |
| 341.416-X | 60 A | 32 | Anfrage | 1.000 | Gelb / *Yellow* |
| 341.417-X | 70 A | 32 | | 1.000 | Braun / *Brown* |
| 341.418-X | 80 A | 32 | / | 1.000 | Weiß / *White* |
| 341.420-X | 100 A | 32 | | 1.000 | Blau / *Blue* |
| 341.425-X | 125 A | 32 | *On* | 1.000 | Rosa / *Pink* |
| 341.430-X | 150 A | 32 | *request* | 1.000 | Grau / *Grey* |
| 341.440-X | 175 A | 32 | | 1.000 | Hellbraun / *Light brown* |
| 341.450-X | 200 A | 32 | | 1.000 | Violett / *Violet* |




Angaben in mm / *Dimension in mm*

**$I_N$ - t Verhalten / *$I_N$ - t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 30 A – 125 A | Schmelzzeit / *Melting time:* 150 A – 200 A |
|---|---|---|---|
| **0,75 · $I_N$** | $t_{min}$ | - | 4 h |
| | $t_{max}$ | - | - |
| **1 · $I_N$** | $t_{min}$ | 4 h | - |
| | $t_{max}$ | - | - |
| **1,5 · $I_N$** | $t_{min}$ | 90 s | - |
| | $t_{max}$ | 1 h | - |
| **2 · $I_N$** | $t_{min}$ | 5 s | 1 s |
| | $t_{max}$ | 100 s | 15 s |
| **3 · $I_N$** | $t_{min}$ | 300 ms | - |
| | $t_{max}$ | 3 | - |
| **3,5 · $I_N$** | $t_{min}$ | - | 300 ms |
| | $t_{max}$ | - | 5 s |



Downloaded from Arrow.com.

# Schraubsicherungen
*Bold-Down Fuses*

**341.500**
**DC**

ESKA the protection company

## Type Power

RoHS COMPLIANT

| | | | | | |
|---|---|---|---|---|---|
| **Spannung** *Voltage* | **32 V** | **Strom** *Current* | **CAL.1 – CAL.5** | **Ausschaltvermögen** *Breaking capacity* | **2.000 A** |



Norm / *Standard*: Werknorm / *Factory standard*

Aufbau / *Construction*:

Gehäuse / *Body:* PA66-GF30

Kontakte / *Terminals:* CAL.1, CAL.2: Zinklegierung / *Zinc alloy*
CAL.3, CAL.4, CAL.5: Kupfer / *Copper*

Befestigungsschraube / *Mounting screw:* M8

Umgebungstemperatur / *Ambient temperature*: -40 °C bis / *to* +125 °C

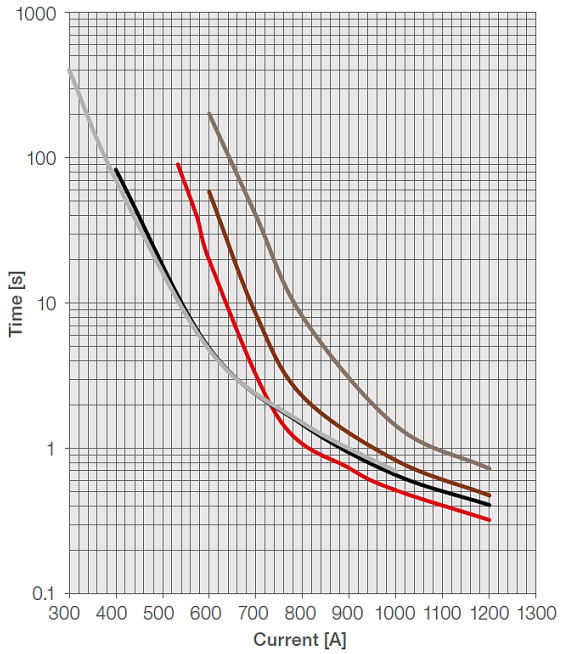
Verpackungsmöglichkeiten / *Packing options*: 1.000 St. = Industrieverpackung / *1.000 pcs. = Industrial packaging*

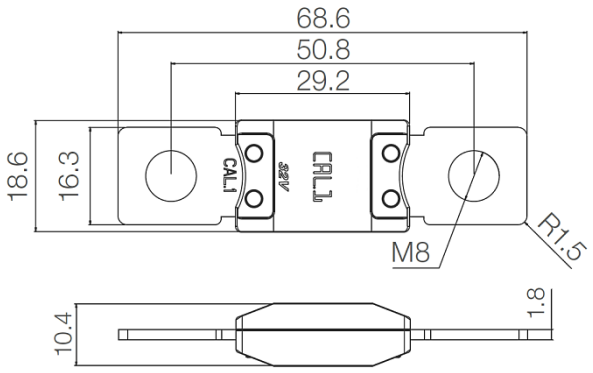
**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $U_d$ [mV] | $I_{BC}$ [A] | $I^2t$ [$A^2s$] | Farcode / *Color Code* |
|---|---|---|---|---|---|---|
| 341.510 | CAL.1 | 32 | 22 | 2.000 | Auf | Grau / *Grey* |
| 341.520 | CAL.2 | 32 | 24 | 2.000 | Anfrage | Schwarz / *Black* |
| 341.530 | CAL.3 | 32 | 30 | 2.000 | / | Rot / *Red* |
| 341.540 | CAL.4 | 32 | 35 | 2.000 | *On* | Braun / *Brown* |
| 341.550 | CAL.5 | 32 | 30 | 2.000 | *Request* | d.braun / *Wheat grey* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* CAL.1 - CAL.5 |
|---|---|---|
| **1,0 · $I_N$** | $t_{min}$ | Siehe Kennlinien unten |
| | $t_{max}$ | / |
| **1,35· $I_N$** | $t_{min}$ | *See characteristics below* |
| | $t_{max}$ | |
| **2 · $I_N$** | $t_{min}$ | |
| | $t_{max}$ | |






Downloaded from Arrow.com.

# Sicherungstester 341.503
*Fuse tester*

ESKA the protection company

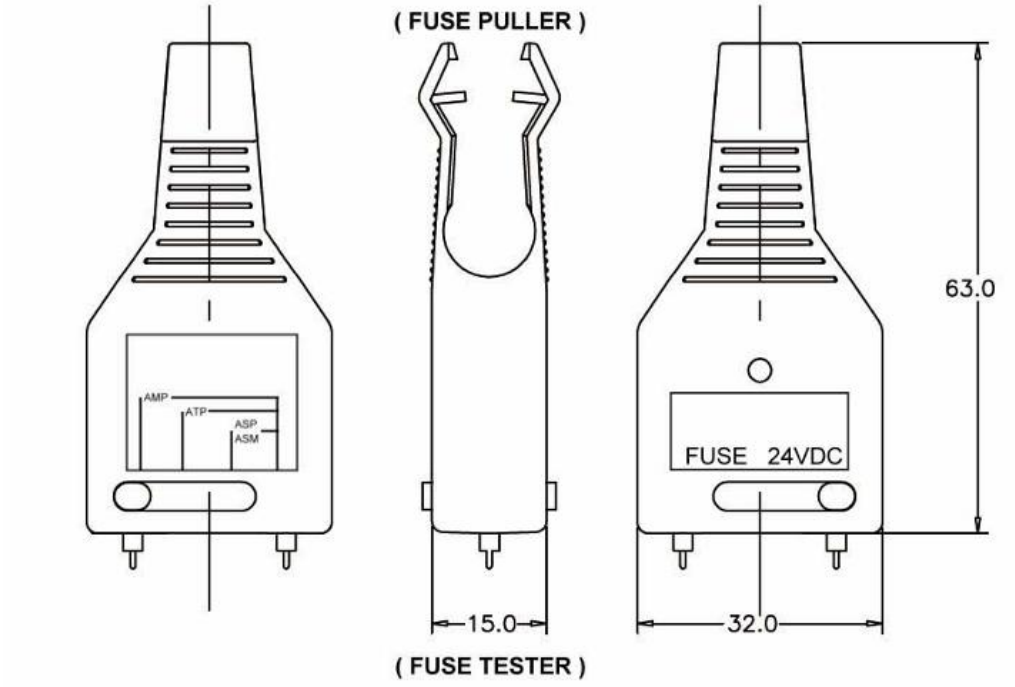
CE RoHS Compliant

**Farbe** / *Colour* — **Orange / *Orange***




**Spezifikationen / Specification:**

| | |
|---|---|
| Anwendungen / *Applications*: | Prüfung von KFZ-Flachsicherungen und Feinsicherungen /*Automobile area and electrical industry* |
| Kompatibel für / *Compatible for:* | **Alle Arten von Flach- und Feinsicherungen / *All types of blade and miniature fuse links*** |
| Aufbau / *Construction*: | Gehäuse / *Housing*: PP (Polypropylene)<br>Prüfspitzen: Kupfer verzinnt, Durchmesser 0,65 mm / *Test probes: Copper, Tin – Plated, diameter 0,65 mm* |
| Farbe / *colour:* | Orange / *Orange* |
| Elektrische Eigenschaft / *Electrical Features* | Nennspannung: 24V DC<br>Anzeige: Grüne LED leuchtet auf, wenn die Sicherung intakt ist / *Green LED lights up when the fuse is intact* |
| Verpackungsmöglichkeiten / *Packing options*: | 500 St. = Industrieverpackung / *500 pcs. = Industrial packaging* |






Downloaded from Arrow.com.

# Torpedo-Sicherungen 300.000
*Torpedo Fuses* DC

ESKA the protection company

## Ø 6 x 25 mm

RoHS COMPLIANT

| Spannung / *Voltage* | 32 V | Strom / *Current* | 5 A – 40 A | Ausschaltvermögen / *Breaking Capacity* | 500 A |
|---|---|---|---|---|---|



Norm / *Standard (*angelehnt an */ according to):* DIN 72581-1

Anwendung / *Application* Automobilindustrie, DC-Anwendungen / *Automotive industry, DC-applications*

Aufbau / *Construction*:

Gehäuse / *Body* Isolierender Kunststoff / *Insulating Plastic*

Kontakt / *Contact* Zinklegierung, verzinnt / *Zinc Alloy, tin plated*

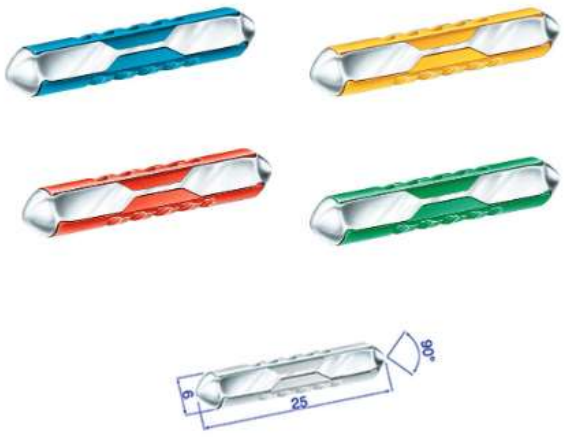
Verpackungsmöglichkeiten / *Packing options*: 100 St. = Industrieverpackung / *100 pcs. = Industrial packaging*

**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_N$ [V] | $U_{d_max}$ [mV] | $I_{BC}$ [A] | $I^2t$ [$A^2s$] | Farcode / *Colour Code* |
|---|---|---|---|---|---|---|
| 300.024 | 5 | 32 | 100 | 500 | Auf | Gelb / *Yellow* |
| 300.026 | 8 | 32 | 100 | 500 | Anfrage | Weiß / *White* |
| 300.030 | 16 | 32 | 100 | 500 | / | Rot / *Red* |
| 300.032 | 25 | 32 | 100 | 500 | On Request | Blau / *Blue* |

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 5 A – 25 A |
|---|---|---|
| $1,5 \cdot I_N$ | $t_{min}$ | 1 h |
| | $t_{max}$ | - |
| $2,5 \cdot I_N$ | $t_{min}$ | 0 |
| | $t_{max}$ | 1 h |




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de



Downloaded from Arrow.com.

# Torpedo-Sicherungen 300.800
*Torpedo Fuses* DC

ESKA the protection company

## Ø 6 x 25 mm Blister

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking Capacity* |
|---|---|---|
| 32 V | 5 A – 25 A | 500 A |



Norm / *Standard (*angelehnt an / *according to):* DIN 72581-1

Anwendung / *Application* Automobilindustrie, DC-Anwendungen / *Automotive industry, DC-applications*

Aufbau / *Construction*:

Gehäuse / *Body* Isolierender Kunststoff / *Insulating Plastic*

Kontakt / *Contact* Zinklegierung, verzinnt / *Zinc Alloy, tin plated*

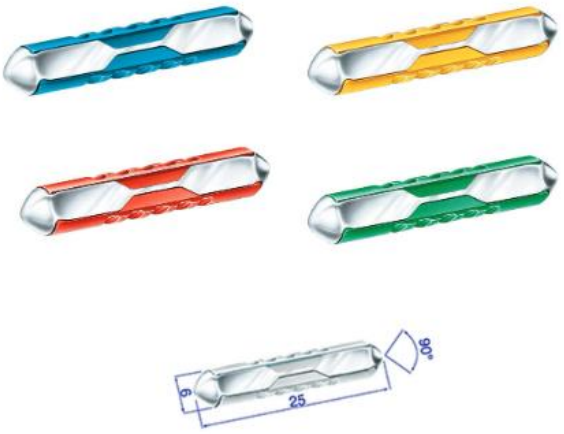
Verpackungsmöglichkeiten / *Packing options*: Blisterverpackung = 20 Stück / *Blister = 20 pieces*

**Bemessungswerte / Ratings:**

| $I_N$ | $U_N$ [V] | Anzahl / Quantity | Farb-Code / *Color Code* |
|---|---|---|---|
| 5 A | 32 | 2 | Gelb / yellow |
| 8 A | 32 | 8 | Weiß / white |
| 16 A | 32 | 6 | Rot / red |
| 25 A | 32 | 4 | Blau / blue |

**$I_N$ - t Verhalten / *$I_N$ - t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 5 A – 25 A |
|---|---|---|
| **2 · $I_N$** | $t_{min}$ | Auf |
| | $t_{max}$ | Anfrage |
| **4 · $I_N$** | $t_{min}$ | / |
| | $t_{max}$ | |
| **10 · $I_N$** | $t_{min}$ | On |
| | $t_{max}$ | Request |






Downloaded from Arrow.com.

# Sicherungszieher
*Extractor for Fuses*

**341.501**

ESKA the protection company

## 10 x 31 mm

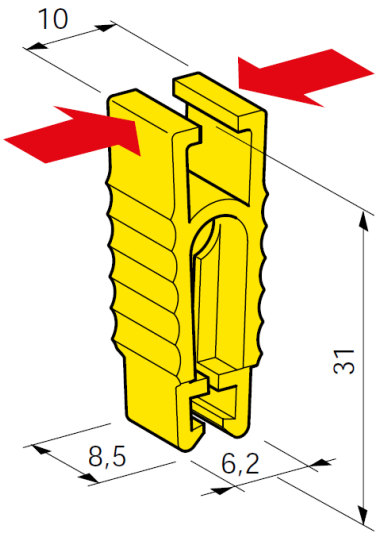
RoHS Compliant

| | |
|---|---|
| **Farbe** *Colour* | **Gelb / *Yellow*** |



**Spezifikationen / Specification:**

| | |
|---|---|
| Anwendungen / *Applications*: | Kfz-Bereich & Elektroindustrie / *Automobile area & electrical industry* |
| Kompatibel für / *Compatible for:* | **KfZ-Sicherungen / *Automotive Fuses*** |
| | **5 x 20 mm** **G-Sicherungseinsätze** ***Fuse-links*** |
| | **6,3 x 32 mm** **G-Sicherungseinsätze** ***Fuse-links*** |
| Aufbau / *Construction*: | PP (Polypropylene) |
| Schutzgrad / *Degree of protection:* | IP00 |
| Farbe / *colour:* | Gelb / Yellow |
| Verpackungsmöglichkeiten / *Packing options*: | 500 St. = Industrieverpackung / *500 pcs. = Industrial packaging* |




ESKA Erich Schweizer GmbH
Elektrotechnische Fabrik
Antonius-Raab-Straße 10
D - 34123 Kassel

www.eska-fuses.de
mail@eska-fuses.de

Technische Änderungen sind vorbehalten!
Technical data are subject to change without notice!



Downloaded from Arrow.com.

# Flachstecksicherungen UL340.000-58V
*Blade Fuses* DC

ESKA the protection company

## Type Standard

RoHS COMPLIANT

| Spannung *Voltage* | Strom *Current* | Ausschaltvermögen *Breaking capacity* |
|---|---|---|
| 58 V | 2 A - 40 A | 1.000 A |



Norm / *Standard:* UL 248, ISO 8820, SAE J2077

Anwendung / *Application* Automobilindustrie, Batteriesysteme bis 58 V / *Automotive industry, battery systems up to 58 V*

Aufbau / *Construction*:

Gehäuse / *Body* Kunststoff / *plastic*

Kontakt / *Contact* Zinklegierung, versilbert / *zinc alloy, silver plated*

Temperaturbereich / *Operating temperature:* -40°C bis / *to* 200°C

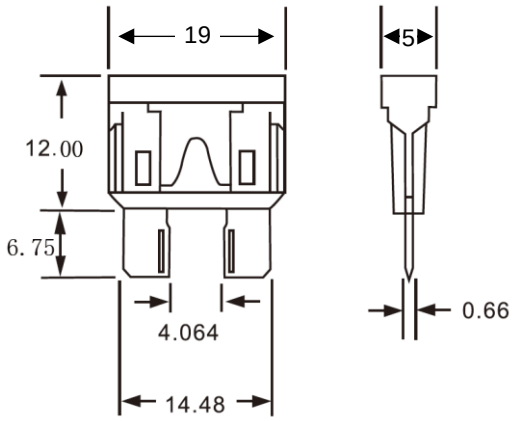
Verpackungsmöglichkeiten / *Packing options*: Auf Anfrage / *On request*

**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_{d_max}$ [mV] | $R_c$ [mΩ] | $I^2t$ [$A^2s$] | Farbcode / Color Code |
|---|---|---|---|---|---|
| UL340.020-58V | 2 A | | 33,60 | | Grau / *Grey* |
| UL340.022-58V | 3 A | Auf | 23,75 | Auf | Violett / *Purple* |
| UL340.024-58V | 5 A | Anfrage | 17,75 | Anfrage | Hellbraun / *Tan* |
| UL340.026-58V | 7,5 A | / | 10,58 | / | Braun / *Brown* |
| UL340.027-58V | 10 A | *On* | 7,82 | *On* | Rot / *Red* |
| UL340.029-58V | 15 A | *request* | 4,58 | *request* | Blau / *Blue* |
| UL340.031-58V | 20 A | | 3,21 | | Gelb / *Yellow* |
| UL340.032-58V | 25 A | | 2,36 | | Natur / *Natural* |
| UL340.033-58V | 30 A | | 1,58 | | Grün / *Green* |
| UL340.034-58V | 35 A | | 1,50 | | Hellgrün / *Light green* |
| UL340.035-58V | 40 A | | 1,35 | | Orange / *Orange* |

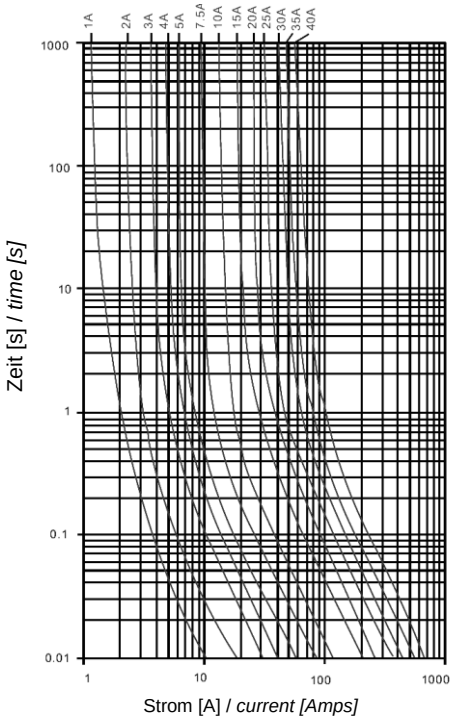
**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 4 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 0,75 s |
| | $t_{max}$ | 600 s |
| **2 · $I_N$** | $t_{min}$ | 0,15 s |
| | $t_{max}$ | 5 s |
| **3,5 · $I_N$** | $t_{min}$ | 80 ms |
| | $t_{max}$ | 250 ms |
| **6 · $I_N$** | $t_{min}$ | 30 ms |
| | $t_{max}$ | 100 ms |




[mm] +/- 0,2 mm

**I-t Charakteristik / *Characteristics:***






Downloaded from Arrow.com.

# Flachsteckssicherungen *Blade Fuses*

**UL340.000-58V-CU**
**DC**

ESKA the protection company

## Type Standard

RoHS COMPLIANT

| **Spannung** *Voltage* | **58 V** | **Strom** *Current* | **1 A - 40 A** | **Ausschaltvermögen** *Breaking capacity* | **1.000 A** |
|---|---|---|---|---|---|



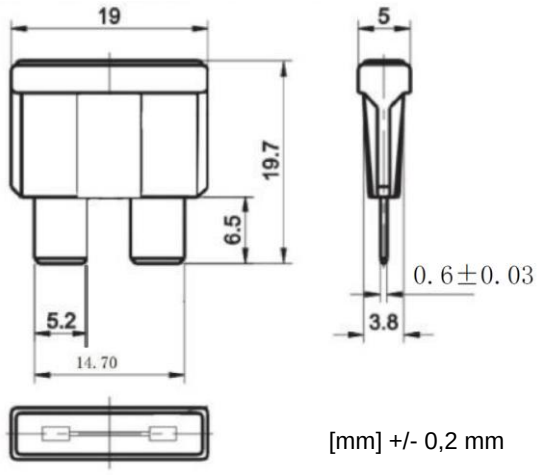
| | |
|---|---|
| Norm / *Standard:* | UL 248, ISO 8820, SAE J2077 |
| Anwendung / *Application* | Automobilindustrie, Batteriesysteme bis 58 V / *Automotive industry, battery systems up to 58 V* |
| Aufbau / *Construction*: | |
| Gehäuse / *Body* | Kunststoff / *plastic* |
| Kontakt / *Contact* | Kupfer, verzinnt / *Copper, tin plated* |
| Temperaturbereich / *Operating temperature:* | -40°C bis / *to* 200°C |
| Verpackungsmöglichkeiten / *Packing options*: | Auf Anfrage / *On request* |

**Bemessungswerte / Ratings:**

| Art. No. | $I_N$ | $U_{d_max}$ [mV] | $R_c$ [mΩ] | $I^2t$ [$A^2s$] | Farbcode / Color Code |
|---|---|---|---|---|---|
| UL340.017-58V-CU | 1 A | | 108 | | Schwarz / *Black* |
| UL340.020-58V-CU | 2 A | | 45,0 | | Grau / *Grey* |
| UL340.022-58V-CU | 3 A | Auf | 28,5 | Auf | Violett / *Purple* |
| UL340.024-58V-CU | 5 A | Anfrage | 22,5 | Anfrage | Hellbraun / *Tan* |
| UL340.026-58V-CU | 7,5 A | / | 16,5 | / | Braun / *Brown* |
| UL340.027-58V-CU | 10 A | *On* | 11,5 | *On* | Rot / *Red* |
| UL340.029-58V-CU | 15 A | *request* | 6,8 | *request* | Blau / *Blue* |
| UL340.031-58V-CU | 20 A | | 4,3 | | Gelb / *Yellow* |
| UL340.032-58V-CU | 25 A | | 3,1 | | Natur / *Natural* |
| UL340.033-58V-CU | 30 A | | 2,3 | | Grün / *Green* |
| UL340.034-58V-CU | 35 A | | 1,9 | | Hellgrün / *Light green* |
| UL340.035-58V-CU | 40 A | | 1,4 | | Orange / *Orange* |

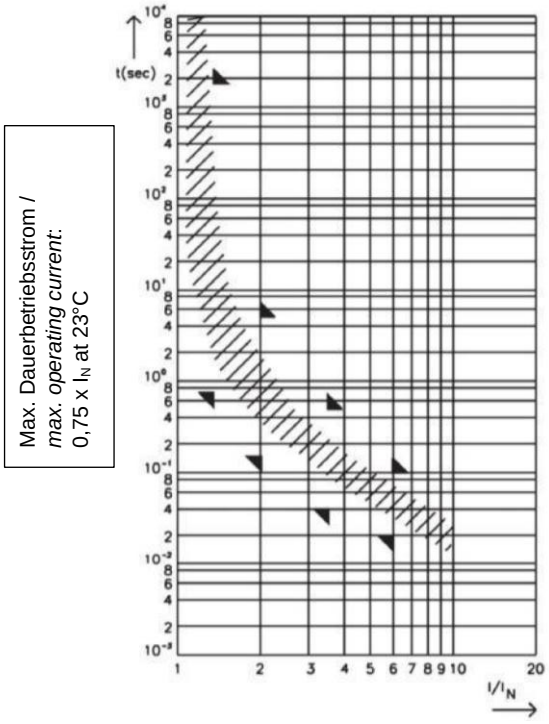
**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 360 s |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 0,75 s |
| | $t_{max}$ | 30 min. |
| **2 · $I_N$** | $t_{min}$ | 0,15 s |
| | $t_{max}$ | 5 s |
| **3,5 · $I_N$** | $t_{min}$ | 40 ms |
| | $t_{max}$ | 500 ms |
| **6 · $I_N$** | $t_{min}$ | 20 ms |
| | $t_{max}$ | 100 ms |




[mm] +/- 0,2 mm

**I-t Charakteristik / *Characteristics:***




Max. Dauerbetriebsstrom / *max. operating current:* 0,75 x $I_N$ at 23°C



Downloaded from Arrow.com.

# Micro-Blocksicherung MC-BXS
*Micro Cartridge Fuse* DC

ESKA the protection company

## Typ JMS

RoHS COMPLIANT

| Spannung / *Voltage* | Strom / *Current* | Ausschaltvermögen / *Breaking capacity* |
|---|---|---|
| 32 V | 15 A – 60 A | 1.000 A |



Norm / *Standard:* ISO 8820-4

Aufbau / Construction:

Gehäuse / *Body*: Isolierender Kunststoff / *Insulating Plastic(PA66)*

Kontakte / *Terminals*: Kupferlegierung / *Copper Alloy*

Betriebstemperatur / *Operating temperature*: -40°C bis / *to* +125°C

Verpackungsmöglichkeiten / *Packing options*: Auf Anfrage / *On request*

**Bemessungswerte / Ratings:**

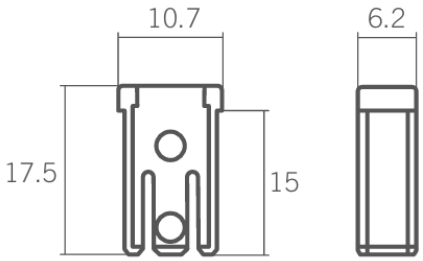
| Art. No. | $I_N$ | $U_N$ [V] | $I_{BC}$ [A] | Farbcode / *Color Code* |
|---|---|---|---|---|
| MC-BXS-15 | 15 A | 32 | 1.000 | Grau / *Grey* |
| MC-BXS-20 | 20 A | 32 | 1.000 | Hell Blau / *Light Blue* |
| MC-BXS-25 | 25 A | 32 | 1.000 | Weiß / *White* |
| MC-BXS-30 | 30 A | 32 | 1.000 | Pink / *Pink* |
| MC-BXS-40 | 40 A | 32 | 1.000 | Grün / *Green* |
| MC-BXS-50 | 50 A | 32 | 1.000 | Rot / *Red* |
| MC-BXS-60 | 60 A | 32 | 1.000 | Gelb / *Yellow* |

3

**$I_N$ - t Verhalten / $I_N$ - *t characteristics*:**

| Bemessungs-strom-Faktor / *Rated current factor* | | Schmelzzeit / *Melting time:* 15 A - 60 A |
|---|---|---|
| **1,1 · $I_N$** | $t_{min}$ | 100 h |
| | $t_{max}$ | - |
| **1,35 · $I_N$** | $t_{min}$ | 1 min |
| | $t_{max}$ | 30 min |
| **2 · $I_N$** | $t_{min}$ | 20 s |
| | $t_{max}$ | 1 min |
| **3,5 · $I_N$** | $t_{min}$ | 20 ms |
| | $t_{max}$ | 7 s |
| **6 · $I_N$** | $t_{min}$ | 40 ms |
| | $t_{max}$ | 1 s |

**Maße / *Dimensions*:**






Downloaded from Arrow.com.