

IEC Appliance Inlet C14 with Circuit Breaker TA35 2-pole



Rocker white  
Non-illuminated



Rocker green  
illuminated



Rocker orange  
illuminated



See below:  
[Approvals and Compliances](#)

**Description**

- Panel mount :  
Snap-in version front side
- 2 Functions :  
Appliance Inlet , Protection class I , Circuit breaker type TA35 , 2-pole
- Quick connect terminal 6.3 x 0.8 mm

**Characteristics**

- Unwired
- Switch non-illuminated or illuminated
- Suitable for use in equipment according to IEC/UL 62368-1

**Other versions on request**

- Pre-wired version
- Quick connect terminals 4.8 x 0.8 mm
- Protection class II, 70°C

**References**

Alternative: version for 16 A (20 A)  
 Component: circuit breakers [TA36 Rocker](#); [TA35 Rocker 2Pole](#)  
 Substitute for type [7764](#)  
 We recommend for new applications the type [DG11](#)

**Weblinks**

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

**Technical Data**

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 2.5 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 60 °C
IP-Protection	front side IP40 acc. to IEC 60529
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Quick connect terminals 6.3 x 0.8 mm
Panel Thickness S	Snap-in 1.5/2/2.5 mm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance inlet/-outlet	C14 acc. to IEC 60320-1 UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
Circuit Breakers	Acc. IEC/EN 60934, UL 1077, CSA 22.2 no. 235 2-pole rocker switch, illuminated or non-illuminated. Conditional short circuit Inc: 2000 A

**Approvals and Compliances**




Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

## Approvals




The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 6135

Approval Logo	Certificates	Certification Body	Description
	<a href="#">VDE Approvals</a>	VDE	Certificate Number: 40023066
	<a href="#">UL Approvals</a>	UL	UR File Number: E96454
	<a href="#">CCC Approvals</a>	CCC	CCC Certificate Number: 2020180204013718

## Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
	Designed according to	CSA C22.2 no. 60320-1	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices







## Application standards

Application standards where the product can be used

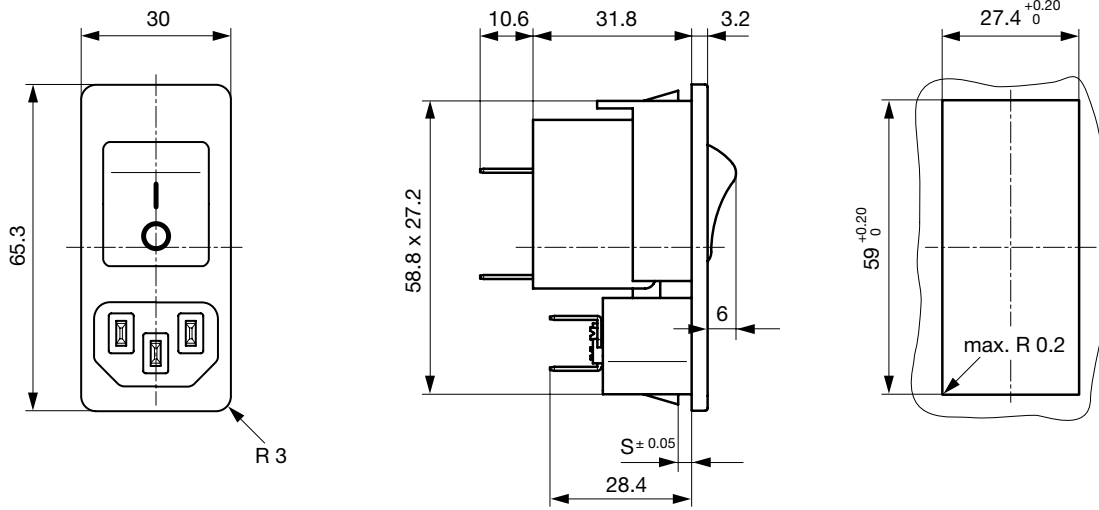
Organization	Design	Standard	Description
	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

## Compliances

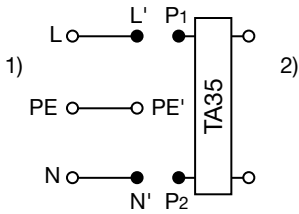
The product complies with following Guide Lines

Identification	Details	Initiator	Description
	<a href="#">CE declaration of conformity</a>	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	<a href="#">UKCA declaration of conformity</a>	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.
		SCHURTER AG	V-Lock system are based on a matching plug-dose combination. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

**Dimensions [mm]**



**Diagrams**



- 1) Line
- 2) Load

**Effect of ambient temperature**

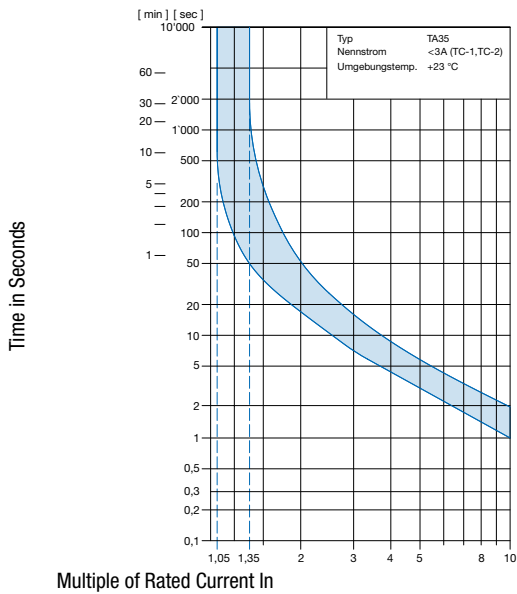
The units are calibrated for an ambient temperature of +23°C. To determine the rated current for a lower or higher ambient temperature, use a correction factor (typical value) from the table below:

Ambient Temperature [°C]	Correction factor
-10	0.89
-5	0.91
0	0.92
+23	1.00
+30	1.03
+40	1.08
+55	1.16

Example: Rated current at +23°C 10 A, Ambient temperature +60°C, Correction factor 1.06, Chosen rated current at +60°C, ambient temperature: 10 A x 1.06 = 10.6 A

**Time-Current-Curves**

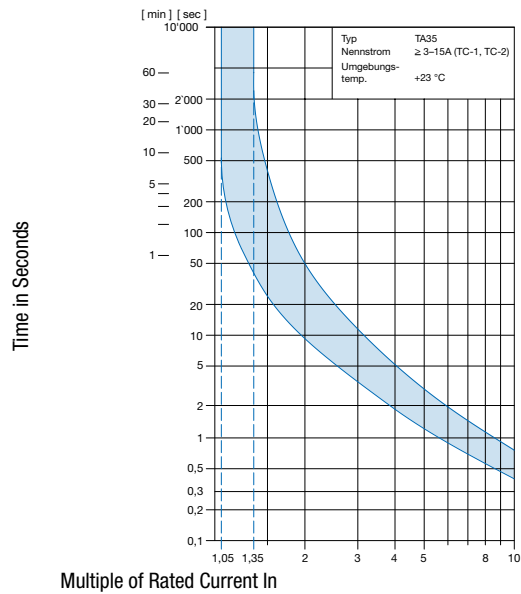
Tripping Characteristics  $I_n < 3 \text{ A}$



Multiple of Rated Current In

Ambient temperature +23°

Tripping Characteristics  $I_n \geq 3 \dots \leq 15 \text{ A}$



Multiple of Rated Current In

Ambient temperature +23°

Order number key

Configuration code TA35

Typ	Konfigurationscode TA35													
	6135	-	C	B	D	W	F	1	2	0	C	0	-	000-C6135-1112-100

No other features

Rated current  $I_n$  (A)

$I_n$	Code	$I_n$	Code
1,0	<b>J10</b>	8,0	<b>080</b>
2,0	<b>J20</b>	10,0	<b>100</b>
4,0	<b>040</b>	12,0	<b>120*</b>
5,0	<b>050</b>	15,0	<b>150*</b>
6,0	<b>060</b>		

Other rated currents on request

\*) UL / CSA only

Rocker legend

Surface	Illustration	Colour of print	Position of the rocker legend e.g. F
<b>F</b> embossed			
<b>H</b> printed		white	
<b>K</b> printed		black	
<b>L</b> printed		white	
<b>M</b> printed		black	

Other legends on request

Colours

	Switch front	Rocker non-illuminated	illuminated
<b>W</b>	black	white	-
<b>B</b>	black	black	-
<b>3</b>	black	-	red transparent
<b>4</b>	black	-	green transparent
<b>6</b>	black	-	orange transparent

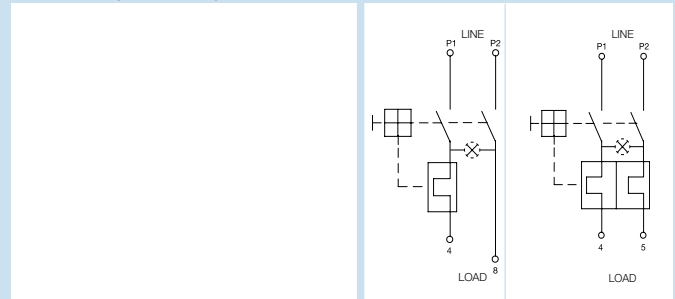
Other colours on request

Number of switched poles  
 Number of protected poles

2-pole

1

2

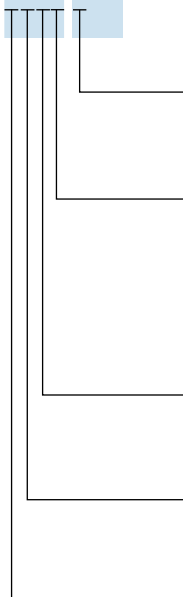


Switch	without illumination	<b>CBT</b>	<b>CBD</b>
Switch	illuminated 240 V 120 V	<b>C12</b> <b>C14</b>	<b>C32</b> <b>C34</b>

Other versions on request

## Configuration code (Order example)

Typ	Konfigurationscode TA35
6135	- C B D W F 1 2 0 C 0 - 000-C6135-1112-100

**Locking system**

- 0 Without
- 1 V-Lock

**Mounting**

- 1 Snap-in s = 1.0 mm 1)
- 2 Snap-in s = 1.5 mm
- 3 Snap-in s = 2.0 mm
- 4 Snap-in s = 2.5 mm
- 5 Snap-in s = 3.0 mm

**Terminal PE**

- 0 Without (PCI) 2)
- 1 Quick connect 6.3 x 0.8 mm

**Terminal N**

- 1 Quick connect 6.3 x 0.8 mm
- 4 Connection

**Terminal L**

- 1 Quick connect 6.3 x 0.8 mm
- 4 Connection

1) Only on request

2) Only on request- no approvals available

0 Protection class 1

Packaging unit 40 Pcs

Accessories

Description



Assorted\_Covers  
 Rear Cover

0859.0074



Cord\_retaining\_kits  
 Cord retaining strain relief  
 Flat head, A

4700.0001

Mating Outlets/Connectors

Category / Description

Appliance Outlet Overview complete



4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I

4787

4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder / Quick Connect, 10 A, Suitable for appliances with protection class I

4788

Connector Overview complete



4782 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13

4782

4785 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13

4785

4300-06 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13

4300-06

4781 Mounting: Power Cord, Cable, Connector: IEC C15

4781

4784 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C15

4784

Mating Outlets/Connectors shuttered

Connector Overview complete



4783 Mounting: Power Cord, 3 x 1 mm<sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13

4783



Power Cord Overview complete

VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black

VAC13KS