

IEC Appliance Inlet C14 with Circuit Breaker TA35 2-pole

V-Lock



**Description**

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

**Approvals**

- VDE Certificate Number: 40023066
- UL File Number: E96454

**Characteristics**

- Unwired
- Switch non-illuminated or illuminated
- Suitable for use in equipment according to IEC/UL 60950

**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)  
Substitute for type 7764

**Weblinks**

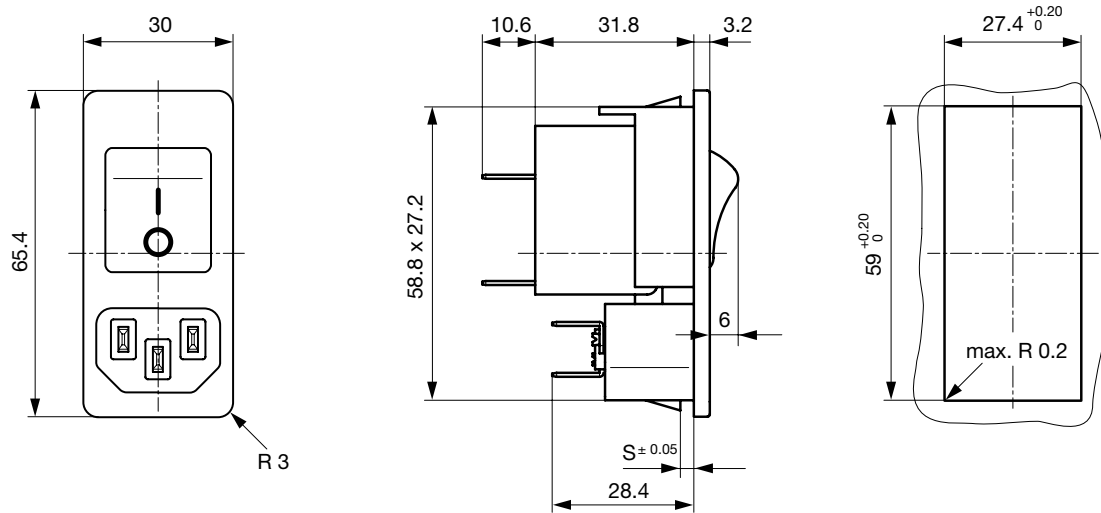
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed 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.

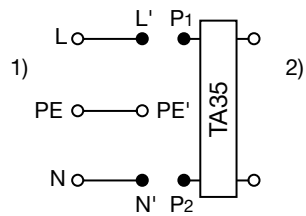
**Technical Data**

Ratings IEC	10A / 250VAC; 50Hz	Appliance Inlet	C14 acc. to IEC 60320
Ratings UL/CSA	15A / 250VAC; 60Hz		UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
Dielectric Strength	> 2.5kVAC between L-N > 3kVAC between L/N-PE (1 min/50Hz)	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
Allowable Operation Temp.	-25 °C to 60 °C		
Degree of Protection	from front side IP 40 acc. to IEC 60529		
Protection Class	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		

## Dimensions



## Diagrams

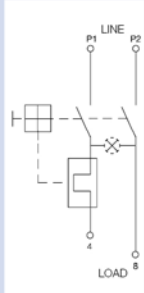
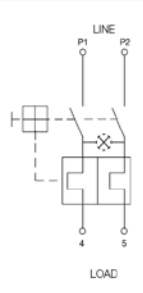


- 1) Line  
2) Load

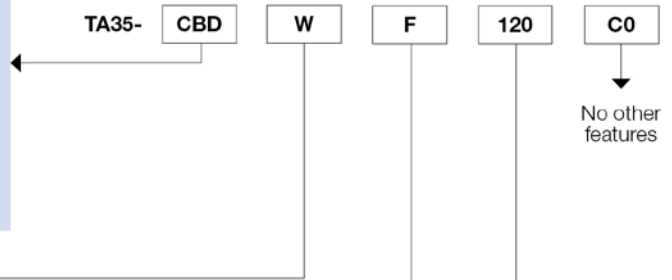
**ORDER CODE**

**Table 1 Selection for type TA35**

Order example

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








**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

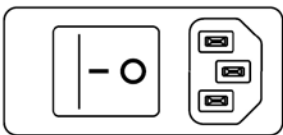
Other colours on request

**Rocker legend**

Surface	Illustration	Colour of print
<b>F</b> embossed		white
<b>H</b> printed		white
<b>K</b> printed		black
<b>L</b> printed		white
<b>M</b> printed		black

Other legends on request

Position of the rocker legend e.g. F



**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>		

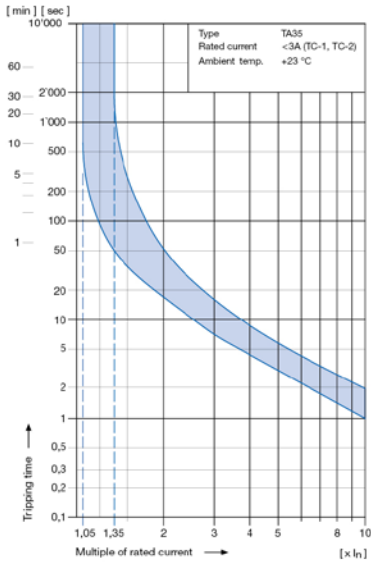
Other rated currents on request      \*) UL / CSA only

Technical data (continued)

Circuit breaker

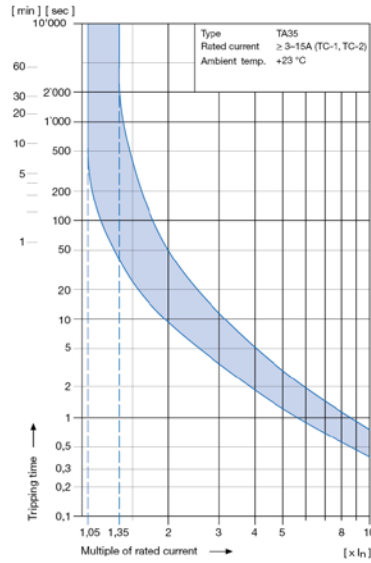
Tripping characteristics

$I_n < 3 A$



Tripping characteristics

$I_n \ge 3 \dots 15 A$



The above tripping characteristics apply to symmetrical overloads on the two poles.

At asymmetric overloads on two pole types the tripping current will be increased by factor **1.05** (TC-2).

Effect of ambient temperature

The unit is calibrated for an ambient temperature of +23 °C. To determine the rated current for lower or higher ambient temperature, use a correction factor from the table below.

\* Temperature must be measured at the rear of the breaker next to the terminals after equipment operating temperature has been reached.

* Ambient temperature [°C]	Correction factor
-25	0.79
-20	0.81
0	0.90
+23	1.00
+40	1.03
+50	1.04
+60	1.06

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**

Order code (Order example)

Type	Order code TA35								
6135	C B D W F 1 2 0 C 0		. 0 2 1 0 . 2 1						
	see table 1								

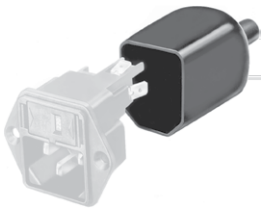
- Specials**  
21 V-Lock-Notch
- Wiring**  
1 wired  
0 unwired
- Terminals**  
1 Quick connect 6.3 x 0.8 mm
- Mounting**  
2 Snap-in s = 1.5 mm  
3 Snap-in s = 2.0 mm  
4 Snap-in s = 2.5 mm
- 0 Protection class 1

Please note that Schurter will establish an internal part number for logistics use in addition to the order code. The format of this internal part number is, for example: 6135.xxxx.xxxx

Packaging unit 40 Pcs

### Accessories

Description



Assorted Covers  
Rear Cover



Cord retaining kits  
Cord retaining strain relief

### Mating Outlets/Connectors

Category / Description



Appliance Outlet Overview complete

IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal	4787
IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4788

Appliance Outlet further types to 6135

Connector Overview complete



IEC Connector C15A, Rewireable, Straight	0102
IEC Connector C15A, Rewireable, Straight	0102-G
IEC Connector C15A, Rewireable, Angled	0112
IEC Connector C13, Rewireable, Angled	4012
IEC Connector C13, Rewireable, Straight	4022

Connector further types to 6135

### Mating Outlets/Connectors shuttered



Power Cord Overview complete

Overview Power Supply Cord with IEC Connector C13, V-Lock, straight	VAC13KS
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Power Cord further types to 6135

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