

IEC Appliance Inlet C20 with Circuit Breaker TA35 1-pole



Rocker black
 Lettering white, non-illuminated
 Snap-in mounting from front side



Rocker red
 illuminated
 Snap-in mounting from front side



Rocker green
 illuminated
 Snap-in mounting from front side



See below:
[Approvals and Compliances](#)

Description

- Panel mount :
 Snap-in version from front side
- 2 Functions :
 Appliance Inlet , Protection class I , Circuit breaker type TA35 , 1-pole
- Quick connect terminals 6.3 x 0.8 mm

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 10 A (15 A) [6135](#)
 Substitute for type [1624-K](#)

Weblinks

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

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	16 A / 250 VAC; 50 Hz	appliance inlet/-outlet	C20 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 16 A, Protection Class I
Ratings UL/CSA	20 A / 250 VAC; 60 Hz	Circuit Breakers	Acc. IEC/EN 60934, UL 1077, CSA 22.2 no. 235 1-pole rocker switch, illuminated or non-illuminated. Conditional short circuit Inc: 2000 A
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	from 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		

Approvals and Compliances

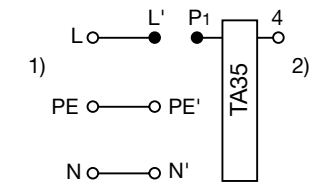
Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

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.

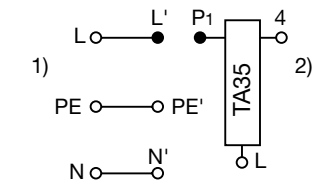
Diagrams

non-illuminated

illuminated (connection N' to L)



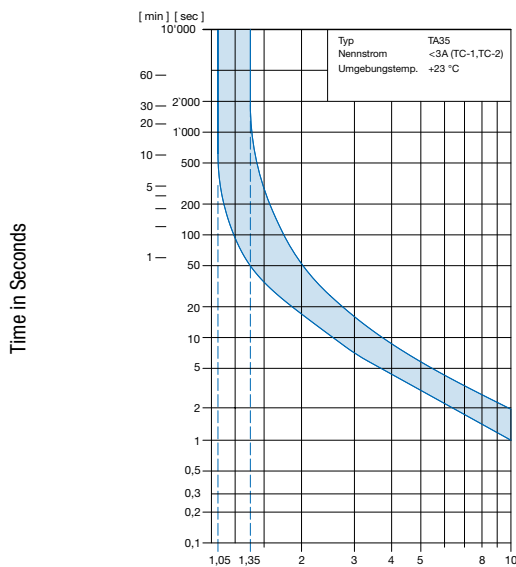
1) Line
2) Load



1) Line
2) Load

Time-Current-Curves

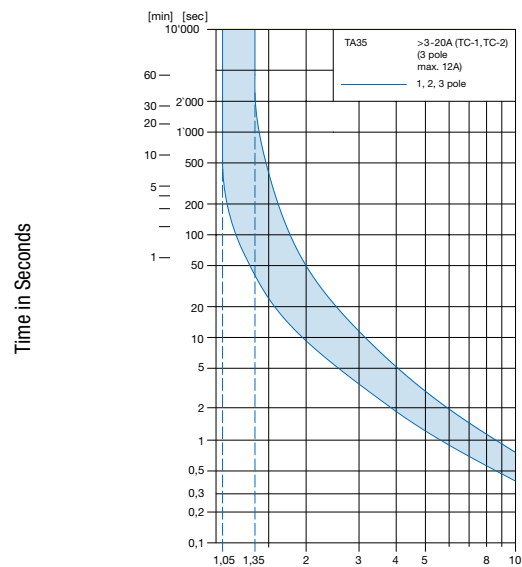
Tripping Characteristics $I_n < 3 A$



Multiple of Rated Current I_n

Reference Temperature $+23^\circ$

Tripping Characteristics $I_n 3 - 20 A$



Multiple of Rated Current I_n

Reference Temperature $+23^\circ$

Configuration code TA35

Type	Configuration code TA35										
6136	C	F	T	W	F	1	2	0	C	0	000-1111-10-00

No other features

Rated current I_n (A)

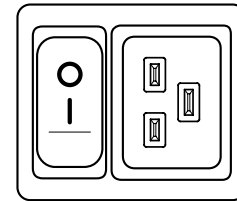
I_n	Code	I_n	Code
1,0	J10	8,0	080
2,0	J20	10,0	100
4,0	040	12,0	120
5,0	050	15,0	150
6,0	060	16,0	160
		20,0	200*

Other rated currents on request

*) UL / CSA only

Rocker legend

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



Other legends on request

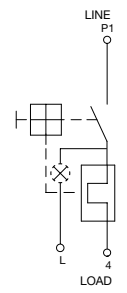
Colours

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

Other colours on request

Number of switched poles
 Number of protected poles

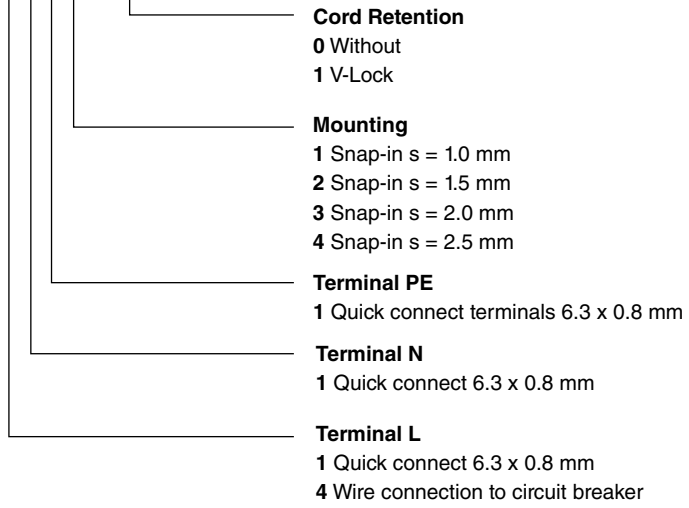
1-pole
 1

			
Switch	without illumination		CFT
Switch	illuminated	240 V 120 V	C2F C4F

Other versions on request

Configuration code (Order example)

Type	Configuration code TA35				
6136	C F T W F 1 2 0 C 0	000	1	1	1
					10
					00



Packaging unit 15 Pcs

Mating Outlets/Connectors

Category / Description



[Connector Overview complete](#)

4795, Mounting: Power Cord, Cable Connector: IEC C19	4795
4790, Mounting: Power Cord, Screw Connector: IEC C19	4790
0104U, Mounting: Power Supply Cord, Screw clamps Connector: IEC C19	0104U

[Connector further types to 6136](#)

[Power Supply Cord Overview complete](#)



Cord Sets 16 A, Europlug, 2.5 m, Connector IEC C19, H05VV-F3G1.5, black	6004.0395
Cord Sets 16 A, Interconnection, 1.0 m, Connector IEC C19, H05VV-F3G1.5, black	6020.0392
Cord Sets 16 A, Interconnection, 2.0 m, Connector IEC C19, H05VV-F3G1.5, black	6020.0394
Cord Sets 16 A, North America, 2.5 m, Connector IEC C19, SJT 3x14 AWG, black	6009.5195

[Power Supply Cord further types to 6136](#)

Mating Outlets/Connectors shuttered



[Power Cord Overview complete](#)

VAC19KS, Overview, V-Lock cord retaining, diverse Connector IEC C19, diverse, black	VAC19KS
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[Power Cord further types to 6136](#)



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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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