Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

IEC Appliance Inlet C14 with Fuseholder 1- or 2-pole, Bowden-Line Switch 2-pole and Voltage Selector

Standard or Medical Fuse drawer

V-Lock

Order required accessories separately

C14
70° C

Description
- Panel Mount :
  Screw-on version from front or rear side, snap-in version from front side
- 4 Functions :
  Appliance Inlet Protection class I , Line switch for bowdencable actuation 2-pole , Fuseholder with interchangeable fuse drawer for Fuselinks 5x20 mm or 6.3x32 mm , with or without voltage selector (step)
- Quick connect terminals 4.8 x 0.8 mm

Approvals
- VDE Certificate Number: 40029908
- UL File Number: E93617
- CSA File Number: 38456

Characteristics
- All single elements are already wired
- The fuse drawer "Fingergrip" can be removed by hand
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request
- For protection class II
- Without voltage selector

References
Alternative: version with line filter   CD-Bowdencable
Last order date: 30.06.2017
Last delivery date: 30.09.2017

Weblinks
pdf datasheet, html-datasheet, General Product Information, RoHS, CHINA-RoHS, REACH, 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	6 A / 250 VAC; 50 Hz
Ratings UL/CSA	8 A / 125 VAC; 60 Hz
Dielectric Strength	> 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	from front side IP 40 acc. to IEC 60529
Insulation cover	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Quick connect terminals 4.8 x 0.8 mm , tin-plated
Panel Thickness s	Screw: max 8 mm Mounting screw torque max 0.5 Nm 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 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I
Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32 mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 2.5 W (1 pole)/ 2 W (2-pole) per pole 6.3 x 32: 3.15 W (1 pole)/ 2.5 W (2-pole) per pole
Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves
Line Switch	Switch for bowdencable 2-pole, non-illuminated, acc. to IEC 61058-1 Technical Details
Voltage Selector	optional, step, 2-4 digits

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in
General Product Information
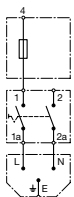
Dimensions

Screw-on mounting
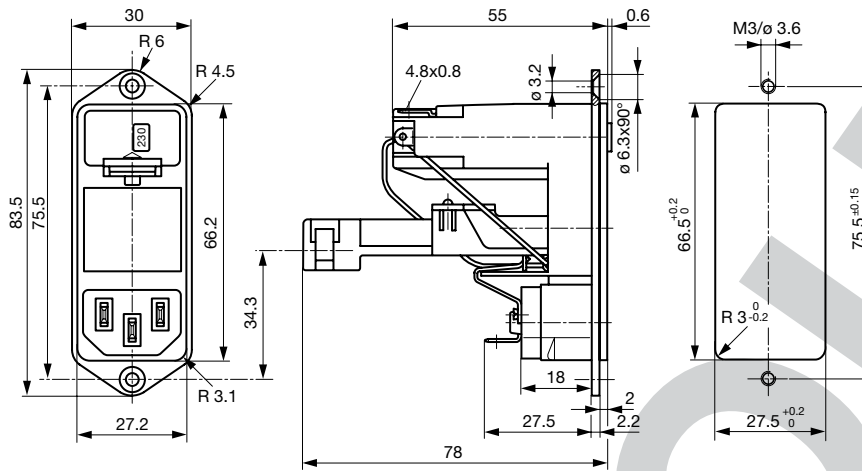
Snap-in mounting
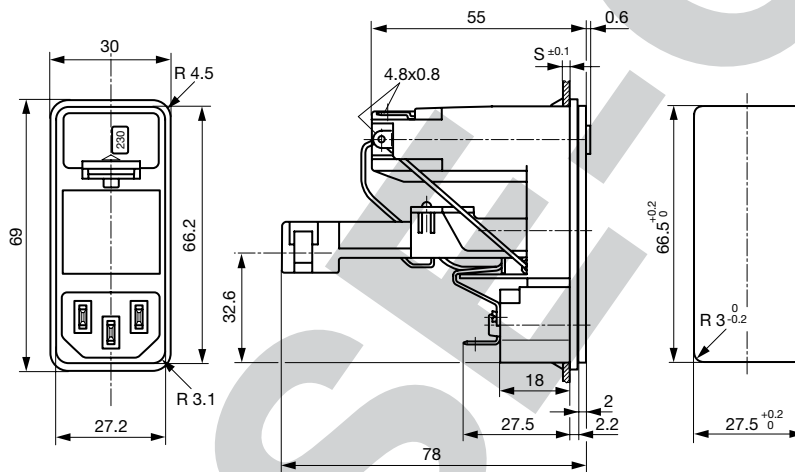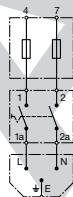

Diagrams

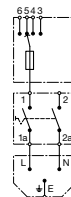| without voltage selector	without voltage selector	with voltage selector	with voltage selector
1-pole	2-pole	1-pole	2-pole
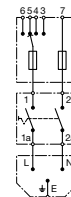
Derating Curves

Fuses
5 x 20 mm (1-pole)

Admissible power acceptance in Watt

I = 1.0 I_n
I = 0.7 I_n
I = << I_n

Ambient air temperature T_a °C
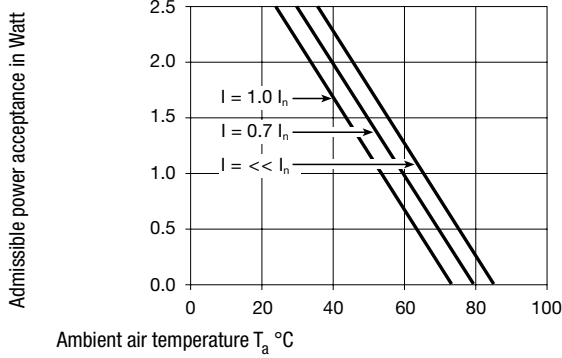
Fuses
5 x 20 mm (2-pole, per pole)

Admissible power acceptance in Watt per pole

I = 1.0 I_n
I = 0.7 I_n
I = << I_n

Ambient air temperature T_a °C

Fuses
6.3 x 32 mm (1-pole)

Admissible power acceptance in Watt

I = 1.0 I_n
I = 0.7 I_n
I = << I_n

Ambient air temperature T_a °C
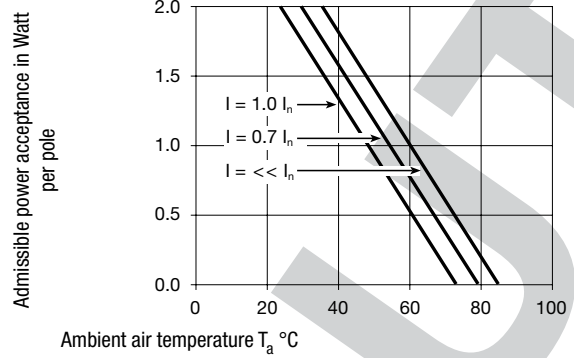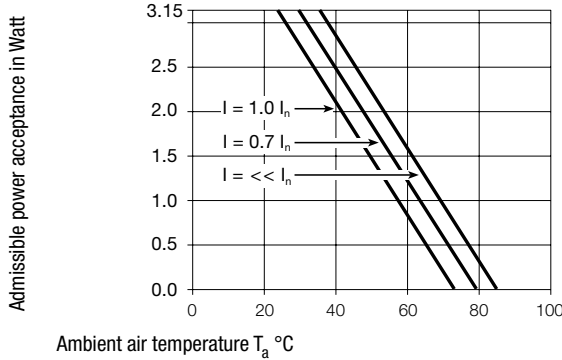
Fuses
6.3 x 32 mm (2-pole, per pole)

Admissible power acceptance in Watt per pole

I = 1.0 I_n
I = 0.7 I_n
I = << I_n

Ambient air temperature T_a °C
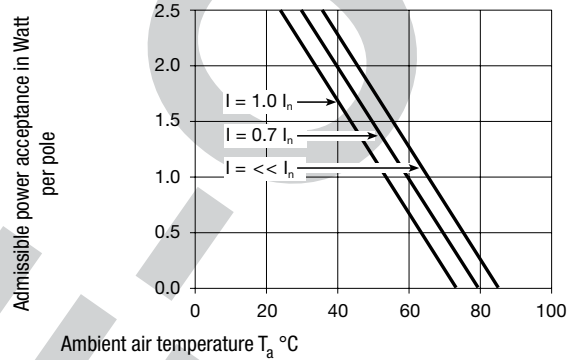
All Variants

Type	Panel mounting	Panel Thickness s [mm]	Fuseholder	Line Switch	Voltage selector max. 4 pos*	V-Lock	Order Number
KD-Bowdenzug	Snap-in	1.5	1-pole	Switch for bowdencable	-		KD11.4199.105
KD-Bowdenzug	Snap-in	2	1-pole	Switch for bowdencable	-		KD11.4199.107
KD-Bowdenzug	Snap-in	2.5	1-pole	Switch for bowdencable	-		KD11.4199.109
KD-Bowdenzug	Snap-in	1.5	2-pole	Switch for bowdencable	-		KD14.4199.105
KD-Bowdenzug	Snap-in	2.5	2-pole	Switch for bowdencable	-		KD14.4199.109
KD-Bowdenzug	Screw	-	1-pole	Switch for bowdencable	-		KD11.4199.151
KD-Bowdenzug	Screw	-	2-pole	Switch for bowdencable	-		KD14.4199.151

Availability for all products can be searched real-time:http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Packaging unit   10 Pcs

Required Accessory

Description	
Fusedrawer 3 Fusedrawer for Fuse Links 5x20 mm resp. 6.3x32 mm	
Fingergrip, 5 x 20, 2-pole	4303.2401
Extra-Safe, 5 x 20, 2-pole	4303.2403
Fingergrip, 5 x 20, 1-pole	4303.2406
Extra-Safe, 5 x 20, 1-pole	4303.2408
	...

Accessories

Cord retaining kits
Cord retaining strain relief

Flat head, A	4700.0001

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
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091

Appliance Outlet further types to KD-Bowdencable

Connector Overview complete

4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4022
4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4012 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4012

Connector further types to KD-Bowdencable ...

Mating Outlets/Connectors shuttered

Power Cord Overview complete

VAC13KS, Overview, diverse Connector IEC C13, cord end:	VAC13KS

Power Cord further types to KD-Bowdencable

07.03.2017