

Furnizor: **Sc Trivolt Distribution SRL**  
Reg. com.: J23/3300/2016  
CIF: RO36421140  
Adresa: Strada Apusului nr 3 ( primul  
sens giratoriu Tehodor Pallady-  
Autostrada Soarelui), Catelu, Ilfov  
Banca: BRD  
IBAN: RO34BRDE441SV13182234410



### **IEK SET BRIDA BLOCK BZN TV-4512 4,5 MM2 45A 12 PAIRS**

Used for safe and compact connection and branching of various cross sections of copper and aluminum conductors in AC circuits up to 660V and DC circuits up to 440V. They are installed on the mounting plate. A transparent cover is installed to insulate conductors. Casing is made of flame retardant ABS plastic. Conductor rail is made of brass. Enclosure material: flameproof ABS plastic or carbonelite.

Rated operating current and connecting capacity:

- TV blocks - 15-100 A, O 1.5 - 10 mm<sup>2</sup>;
- TS blocks - 60-600 A, O 16 - 300 mm<sup>2</sup>;
- TC blocks - 10-100 A, O 1,5 - 25 mm<sup>2</sup>.

A wide range of operating temperatures: from -40 to +50°C.

Test for excessive temperature (not more than 45°C).

Test for short-term withstand current of 120 A per 1 mm<sup>2</sup> for 1 second.

Voltage drop test (not more than 3.2 mV). Connectable conductor cross section solid-core: 1,5...4

Connectable conductor cross section multi-wired: 1,5...4

Rated current In: 45

Nominal rated voltage: 660

Type of electrical connection 2: EV000415

Connection position: EV001224

Number of poles: 12

Number of clamp positions per pole: 2

Mounting method: EV000614

Material insulation body: EV000139

Operation temperature: -40...+50

Inflammability class of insulation material acc. with UL94: EV004430

Width/grid dimension: 38.0

Length: 221

Colour: EV000206

Nominal operating AC voltage U<sub>e</sub>: ≤ 660

Nominal DC operating voltage U<sub>e</sub>: ≤ 440

Nominal frequency: 50

Rated insulation voltage U<sub>i</sub>: 660

Max. conductor cross section: 4,5

Material clamp: EV000179

Material housing: IEK V0000331

Ambient class: IEK V0000009

Degree of protection (IP): EV006404

Width: 38

Height: 23

Nominal Attachment Capacity: 1,5...4

Model: EV005828

Attachment screw: Øø5

Current-carrying part material: EV000179

Relative air humidity: ≤ 90%

Pollution degree: EV000069

Maintainability: EV000494

Rated surge voltage invariability: 8

Number of terminal pairs: 12

Bus section: 14.0

Max cross-section of busbars: 14x3,5

Type of electrical connection 1: EV008864

Pret: 0,00 lei (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/set-brida-block-bzn-tv-4512-4-5-mm2-45a-12-pairs-309542>