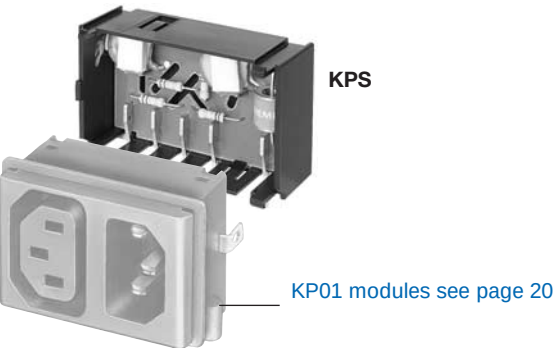
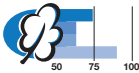


Power entry module Type KPS

“Backpack” surge protector to type KP01



Standard or Medical filter

Characteristics

The overvoltage protection element diverts overvoltages to the earth potential, which are conductively, inductively or capacitively introduced onto the mains. The voltage limitation is effected within nanoseconds through an inert gas divertor and two varistors. The circuit is reversible and after diverting an overvoltage reassumes the high-ohm condition. An inadmissible heating up is prevented by two thermal links.  
A signal for indication of the failure can be obtained at terminals A1 and A2.

Technical data

|                                               |                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------|
| Max. operating voltage                        | 125 V AC; 50/60 Hz; UL, CSA<br>250 V AC; 50/60 Hz; VDE, UL, CSA |
| Rated current                                 | max. 10 A                                                       |
| Divertor dimensioning voltage                 | 125 V AC / 250 V AC                                             |
| Leakage current between L-PE                  | < 1 µA at max. operating voltage                                |
| Discharge capacity tested with combined surge |                                                                 |
| – voltage                                     | 1,5 kV, form 1,2/50 µs                                          |
| – short-circuit-current                       | 750 A, form 8/20 µs                                             |
| acc. to CSA 22.2 no 14-M91                    | 5 kV, form 1,2/50 µs                                            |
| acc. to UL1449                                | 2 kV/1 kA, form 1,2/50 µs resp. 8/20 µs                         |
| Allowable ambient air temperatures            | –25 °C to +40 °C                                                |
| Degree of protection (front-side)             | IP 40 acc. to IEC 60529                                         |
| Protection class                              | suitable for equipment with prot. cl. I, acc. to IEC 61140      |
| Terminals                                     | for PCB                                                         |
| Materials: Housing                            | Thermoplastic, black, UL94 V-0                                  |

