

Series KRM

Cassettes of the type "KRM" can be used to switch various signals and represent a cheap alternative to relay switching units (KRE). The mounted relay is controlled via the IEEE-488- and/or the RS-232-C-interface. The IEEE-488-device-address must be adjusted internally via a DIP-switch. A lower priced alternative is the type which is controlled only via a RS-232-C-interface. A LED at the front panel shows the status of the cassette. Three different standard types of relays are available (others on request).

Mostly all the standard types are deliverable at short notice.

Enclosure dimensions

Desktop unit: W = 105 mm, D = 170 mm,
H = 69,7 mm
19"-slot-cassette: 3 HU, 14 TE,
168,5 mm deep,
fitting at standard
19"-frames according to
DIN 41 494

Options

Mains adaptor 1 A, 12 V
Windows-control-software

Construction of model designation

KRM 6 - 5 4 1 1 - T

Enclosure style
T = desktop unit
E = 14 TE-slot-cassette

Interfaces
1 = IEEE-488 and RS232
2 = RS232

Power supply
1 = 12V DC

HF-connectors
4 = SMA female
(at SPDT and SP6T)
8 = N female
(only at SPDT)

Impedance
5 = 50 Ω

Type of switch
2 = SPDT
6 = SP6T

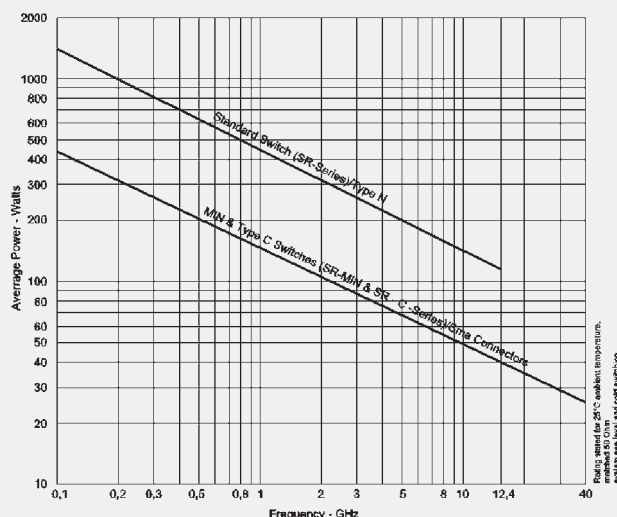
KRM-series



Technical data (guaranteed values at +25 °C)

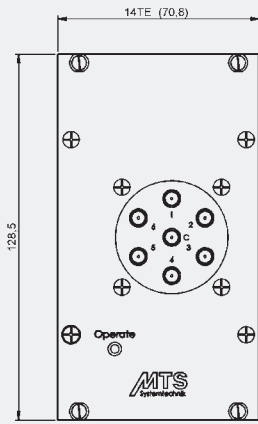
| Model | SR-6C-H | SR-2 MIN-H | SR-2-N-H |
|-----------------------|--|---|--|
| Configuration | SP6T (6-way) | SPDT (2-way) | SPDT (2-way) |
| Frequency range | DC-18 GHz | DC-18 GHz | DC-12,4 GHz |
| RF-connectors | SMA female | SMA female | N female |
| Insolation (min.) | 60 dB min. (18 GHz) | 60 dB min. (18 GHz) | 55 dB min. (12,4 GHz) |
| Insertion loss (max.) | DC - 4 GHz 0,2 dB 4 - 12,4 GHz 0,3 dB 12,4 - 18 GHz 0,5 dB | DC - 4 GHz 0,1 dB 4 - 12,4 GHz 0,2 dB 12,4 - 18 GHz 0,3 dB | DC - 7 GHz 0,3 dB 7 - 12,4 GHz 0,6 dB |
| VSWR (max.) | DC - 4 GHz 1,25 : 1 4 - 12,4 GHz 1,40 : 1 12,4 - 18 GHz 1,50 : 1 | DC - 4 GHz 1,2 : 1 4 - 12,4 GHz 1,3 : 1 12,4 - 18 GHz 1,5 : 1 | DC - 7 GHz 1,25 : 1 7 - 12,4 GHz 1,60 : 1 |
| Impedance | 50 Ω | 50 Ω | 50 Ω |
| Switching time | 15 ms max. | 15 ms max. | 20 ms max. |
| Life cycles | 10 ⁶ cycles | 10 ⁶ cycles | 10 ⁶ cycles |
| Power consumption | 530 mA | 380 mA | 705 mA |
| Maximum RF-power | 35 W CW at 18 GHz | 35 W CW at 18 GHz | 120 W CW at 12,4 GHz |

Power rating

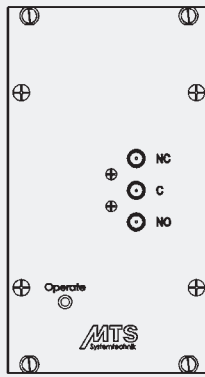


Enclosure dimensions, series KRM

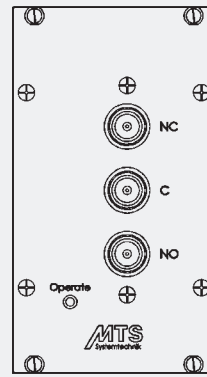
14 TE-slot-cassette



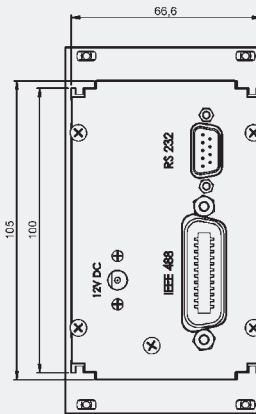
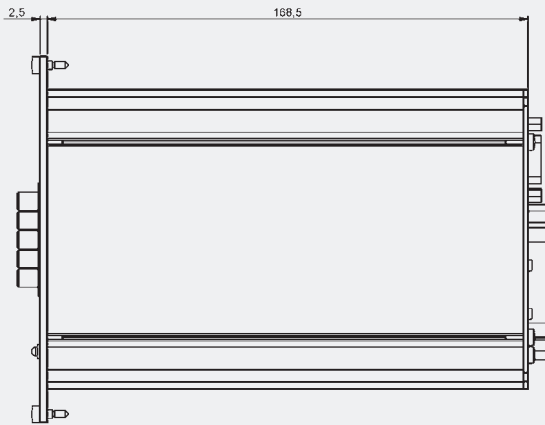
SR-6C-H



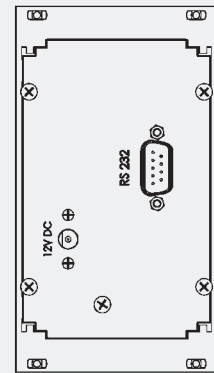
SR-2-MIN-H



SR-2-N-H

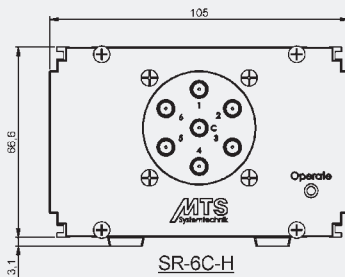


Controller card
BK517

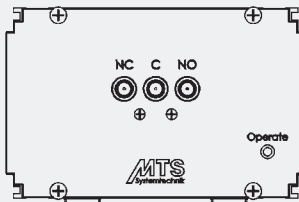


Relays card
RS232

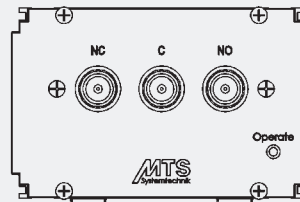
Desktop unit



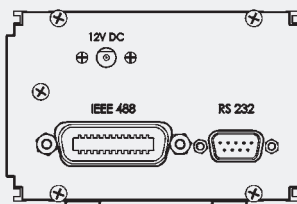
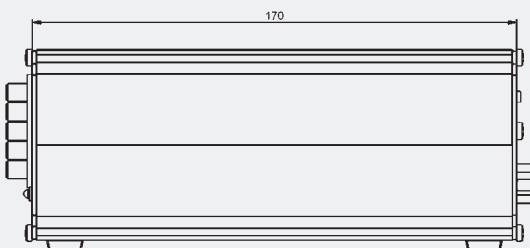
SR-6C-H



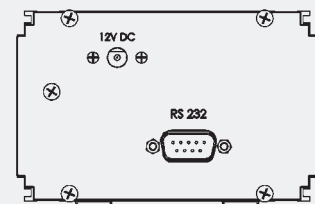
SR-2-MIN-H



SR-2-N-H



Controller card
BK517



Relays card
RS232

All dimensions in mm