

# SYMAP®

Types Y, X, BC – Technical data



## Product Sheet



SYMAP® Y, X, BC

| No. | Description                     | Condition / Characteristics                                    |  |
|-----|---------------------------------|--|--|
| 1   | Dimension (w x h x d): Y, X, BC | 279 × 192 × 150 (mm); 279× 192× 110 (mm); 190 x 190 x 110 (mm) |  |
| 2   | Weight: Y, X, BC                | 5 kg; 3.2 kg; 2.3 kg   |  |
| 3   | Power supply                    | 12-36 V DC, 36-72 V DC, 80-300 V DC or 60-230 V AC             |  |
| 4   | Power consumption               | <30 W  |  |
| 5   | Ambient condition               | Service temperature  | -20°C to +70°C                                     |
|     |                                 | Storage temperature  | -40°C to +70°C                                     |
|     |                                 | Transport temperature  | -40°C to +70°C                                     |
|     |                                 | Humidity   | < 80 %   |
| 6   | Degree of protection            | Front panel  | IP54 (IEC529)                                      |
|     |                                 | Terminals  | (IEC529)   |
| 7   | Vibration                       | Standards:   | IEC 60068-2-6                                      |
|     |                                 | Frequency range:   | 5 Hz to 100 Hz                                     |
|     |                                 | Cross-over frequency:  | 15,8 Hz; +/- 1,0 mm amplitude to 1 g acceleration  |
|     |                                 | in 3 orthogonal axes (X,Y,Z)                                   |  |
| 8   | Seismic vibration               | Standards:   | KWU DWR 1300                                       |
|     |                                 | Frequency range:   | 5 Hz to 100 Hz                                     |
|     |                                 | Cross-over frequency:  | 11,2 Hz; +/- 10,0 mm amplitude to 5 g acceleration |
|     |                                 | Sweep rate 5 Hz to 35 Hz:                                      | 1 Oct/min  |
|     |                                 | Sweep rate 35 Hz to 100 Hz:                                    | 10 Oct/min   |
|     |                                 | in 3 orthogonal axes (X,Y,Z)                                   |  |
| 9   | Tests                           | Electromagnetic compatibility                                  | EN 55011, EN 61000-4, KERI                         |
|     |                                 | Protection functions   | IEC255, KERI                                       |