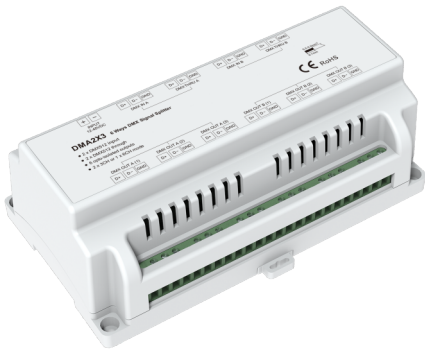


6 Ways DMX Signal Splitter

- Two DMX512 signal input, repeat 2 x 3 DMX512 signal output, each allowing for 32 DMX devices to be connected.
- Dedicated to amplify, distribute and insulate the signal that comes from the lighting system equipment when it is connected to the bus of DMX512(or RS-485).
- Photo-electricity insulation between input and output terminals, output terminals among channels.
- Input isolated from outputs to 500VAC, 1000VDC.
- Outputs are isolated from each other to 500VAC, 1000VDC.
- Input and outputs are ture RS-485 rated, and no microprocessors are used for maximum reliability.
- 9 LEDs indicate power in, DMX in and DMX output status.

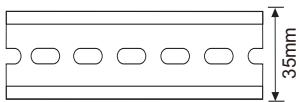
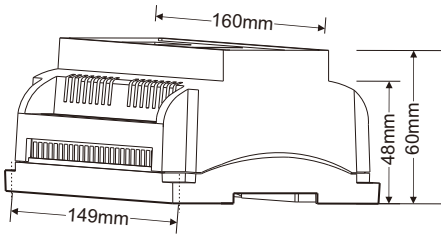
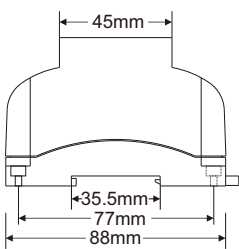
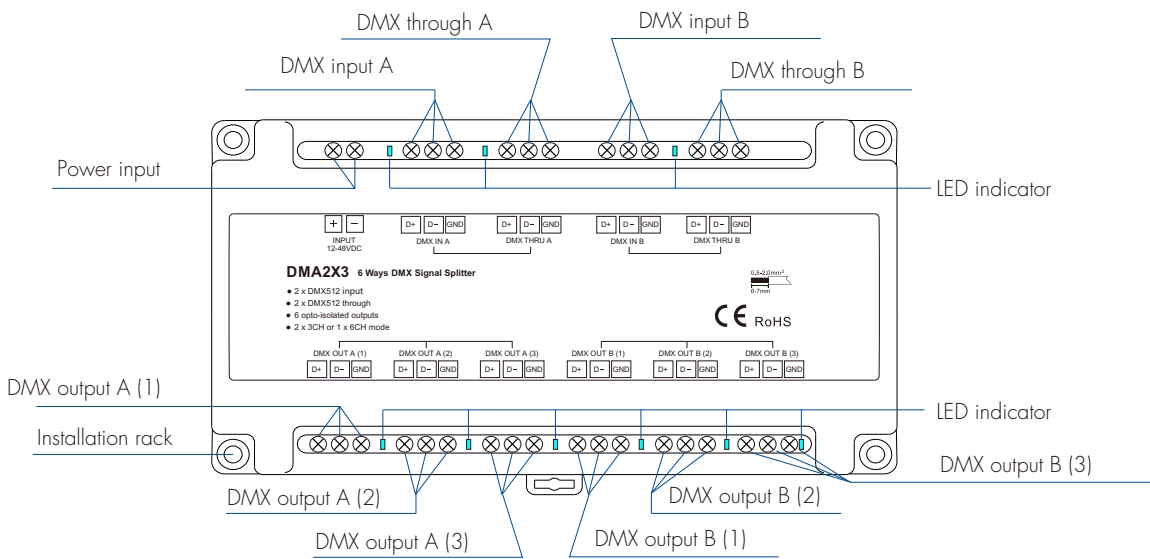


CE RoHS emc LVD

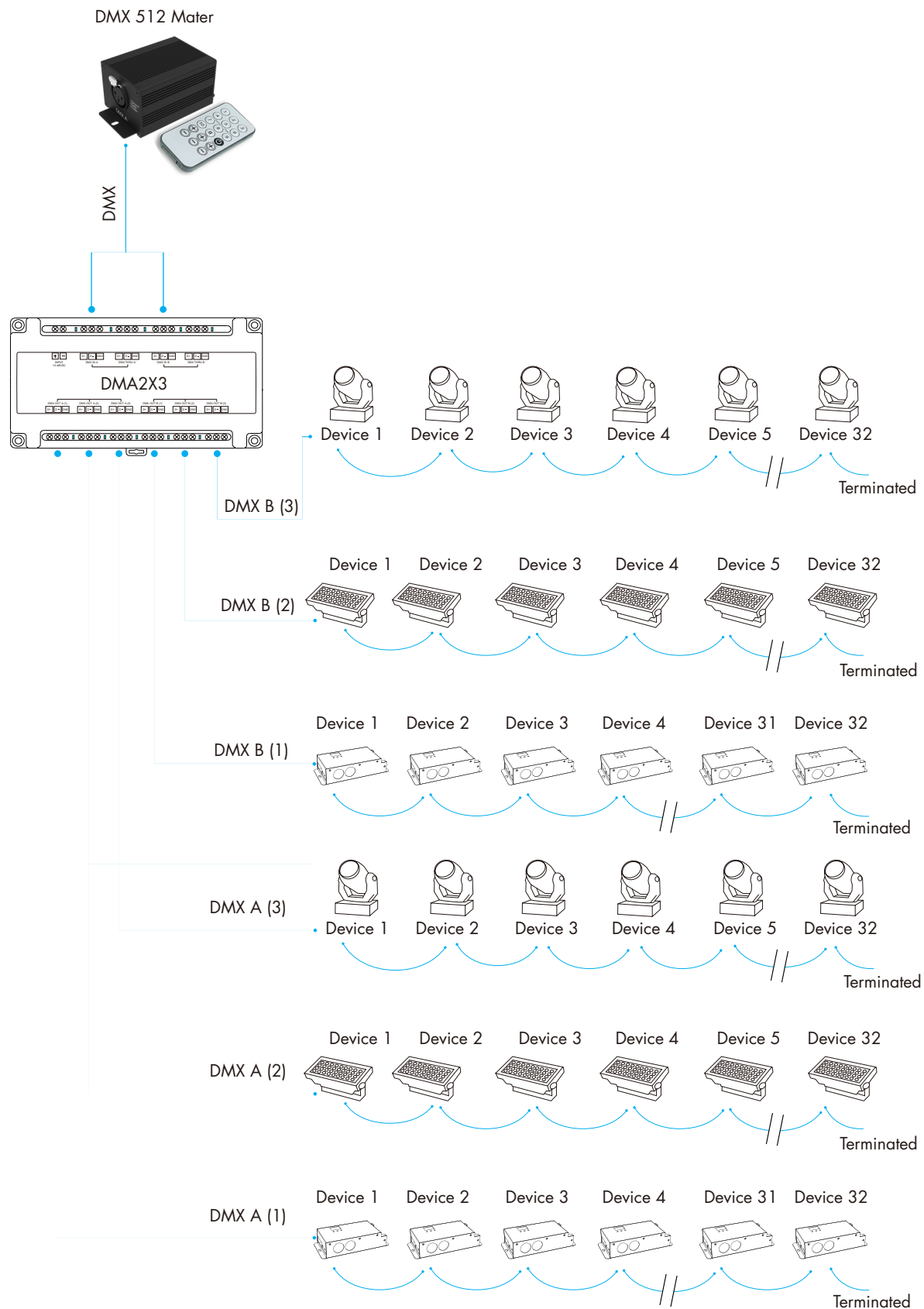
Technical Parameters

| Input and Output               |                  | Environment             |                    | Safety and EMC       |                                |
|--------------------------------|------------------|-------------------------|--------------------|----------------------|--------------------------------|
| Input voltage                  | 12-48VDC         | Operation temperature   | Ta: -30℃ ~ +55℃    | EMC standard (EMC)   | EN IEC 55015:2019+A11:2020     |
| Input current                  | 0.15A Max        | Case temperature (Max.) | Tc: +85℃           |                      | EN 61547:2009                  |
| Input signal                   | DMX512 x 2       | IP rating               | IP20               |                      | EN IEC 61000-3-2:2019+A11:2021 |
| Output signal                  | DMX512 x 6       | <b>Package</b>          |                    | Safety standard(LVD) | EN 61000-3-3:2013+A11:2019     |
| <b>Warranty and Protection</b> |                  | Size                    | L165 x W98 x H72mm |                      | EN 61347-1:2015+A1:2021        |
| Warranty                       | 5 years          | Gross weight            | 0.271kg            |                      | EN 61347-2-13:2014+A1:2017     |
| Protection                     | Reverse Polarity |                         |                    | Certification        | CE,EMC,LVD                     |

Mechanical Structures and Installations



DIN Rail Mounting Size:  
TS-35/7.5 or TS-35/15



## Note:

1. A passive loopthrough connection allows onward connection to other DMX512 devices.  
If this feature is not required then the signal must be terminated.
2. Each output is capable of driving 32 additional DMX512 devices.  
It is not necessary to terminate any outputs that are not connected.  
However, a terminator must be connected to the final DMX512 device.
3. Connect 0.25W 90-120Ω terminal resistor for termination.