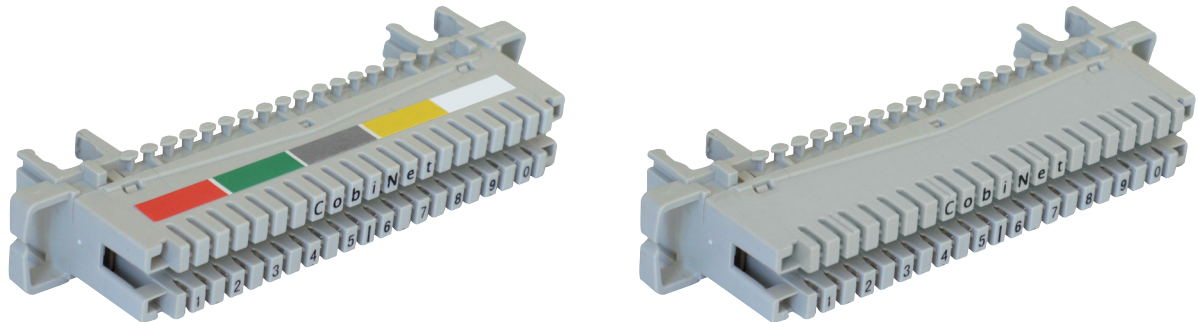


1.1 LSA Overview

Connection & Disconnection Modules

DEXGREEN

► LSA – Series 2



Application

- The Series 1 consists of 10 or 20 pair modules
- The narrower design of the LSA blocks allows a much higher packing density
- Grounding modules are included with screws for the ground terminal and a variety of accessories
- Complies with the following standards:
 - ETS 300 019-1-1 Clause 1.1 (weather-protected, partially temperature-controlled storage)
 - IEC 60721 Part 3-3 Use (weatherproof, fixed)
 - IEC 60352-4, solderless not accessible blade-type connections

Technical Specifications

Climate Area

For application in dry or damp rooms without condensation

- Temperature range during storage - 40 to +90 °C (-40 to 194 °F)
- Temperature range during operation -40 to +80 °C (-40 to 176 °F)

Mechanical for housing

LSA modules with LSA - contacts for plastic-insulated copper conductors with solid or stranded copper cores (stranded) for insulation displacement connections according to IEC 60352-4 and DIN 41611-6 -C - EL - CL

Mechanical values for plastic insulated copper conductors

- Wire Diameter
 - o Connection with one solid wire0.40 to 0.80mm*, AWG 26-20
 - o Connection with two solid wires (same diameter and same type)0.40 to 0.65 mm, AWG 26-22
 - o Connection with one stranded wire..... 7x 0.12 to 0.32 mm , AWG 28-20
 - o Outer diameter (insulation PVC and PE) tin-plated 0.70 to 1.60 mm
- Repeatability of the wire connecting contact.....max. 2 times

*After a single wiring with wires ≥ 0.65 mm no longer usable for smaller conductor diameter

Materials

- Plastic Parts.....PBT
- Flammability..... UL94 V0
- Contact Surface..... silver plated

1.1 LSA Overview

Connection & Disconnection Modules

Technical Specifications (continued)

Electrical values

The electrical values were collected after 4Rday storage in a constant climate environment at 40 °C (104 °F) and 93 % relative humidity.

- Insulation resistance at 500V..... >5 x 104 MΩ
- Dielectric strength..... 2 kVrms
- Impulse strength (waveform 1.2/50 μs) 3.6 kV
- Permitted current carrying capacity (waveform 8/20 μs) of the LSA contact
 - o Wire diameter ≥ 0.6 mm.....10 kA
 - o Wire diameter < 0.6 mm.....5 kA
- Contact resistance (wire connection)
 - o Typical.....1.0 mΩ
 - o Guaranteed.....≤2.5 mΩ
 - o Total resistance disconnection contact incl.≤10.0 mΩ

Communication transmission values

The LSARSeries 2 modules are suitable for the following communication services:

- Analog and digital telecommunication services
- Ethernet (10BaseT) with 10 MBit/s
- Token Ring with 4 or 16 MBit/s
- TPDDI with 100 MBit/s
- Other communication services

Ordering Information

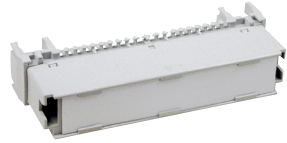

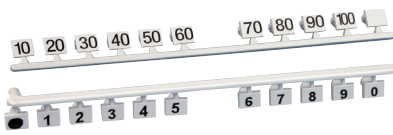
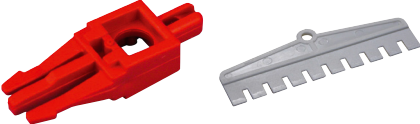

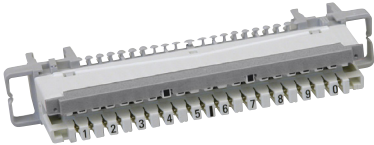
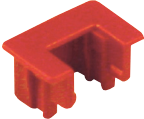


Code	Description	Picture
	LSA Series 2 modules <ul style="list-style-type: none"> • Types: <ul style="list-style-type: none"> o LSA connection module 2/10 for 10 pair o LSA separating strip 2/10 for 10 pair o LSARearth module 2/34 o LSA disconnection block 2/10 for 10 pair o LSA - narrow jumper rings • For profile rods and mounting columns <ul style="list-style-type: none"> -Large / small jumper wire guides available o with color code printing: jumper end 1 ... 0 o without color code printing: jumper end 1 ... 0 	
1008 3101	LSA-Punch Down Tool with Sensor <ul style="list-style-type: none"> • For disconnecting wires with 0.35 to 0.9 mm conductor diameter (core diameter 0.7 to 2.6 mm) • to LSA modules • Scissors can be disabled to allow a looping a potential to other contacts • Fold unlatching hook and pull • With sensor for scanning the final position • Housing color: green / gray 	

1.1 LSA Overview

Connection & Disconnection Modules

DEXGREEN

Ordering Information (continued)

Code	Description	Picture
3031 032	Profile Module label holder 2/1 <ul style="list-style-type: none"> Slipped onto profile rods and mounting frame / channel With unprinted paper plate 	
3030 020	Folding display frame 2/10 <ul style="list-style-type: none"> Slipped onto LSA modules 2/10 and overvoltage protection magazines 2/10 instead of the cover on both sides labeled Transparent covers with white paper and signs 	
3030 051	Designation sets <ul style="list-style-type: none"> For marking of LSA-HD® modules and LSA modules Series 2 	
3030 052	Colour: Gray	
3030 064	Disconnection plug <ul style="list-style-type: none"> Sizes: 2/1 ; 2/10 	
3030 090	For separating pairs on LSA disconnection Series 2	
3030 144	Dummy plug 2/1	
3030 072	For marking 1 pair and for preventing access in terminal strips and the separation at the splitter bars series 2 With labeling area Colour: various	
3030 032	Cover strips 2/10 <ul style="list-style-type: none"> To identify important connections on LSA modules 2/10 For ensuring access to cable wires or jumper wires Strip breaks during removal 	
3030 043	Marking cap 2/1 <ul style="list-style-type: none"> For marking important pairs of LSA modules Series 2 	
3030 200	Bridge connector 2/1	
3030 201	The bridges of pairs for LSAR connection and the disconnection modules series 2	
3030 203	Bridge plug can be separated by means of side cutters	
3030 204	With evacuation port	
3030 028	Switching adapter	
3030 025	For the uninterrupted changeover of 1 or 10 pair to LSA connection and disconnection modules	

1.1 LSA Overview

Connection & Disconnection Modules



Ordering Information (continued)

Code	Description	Picture
3030 028 3030 025	Switching adapter <ul style="list-style-type: none"> For the uninterrupted changeover of 1 or 10 pair to LSA connection and disconnection modules 	
3030 030 3030 031	Release adapter <ul style="list-style-type: none"> Separated on LSA disconnection 1 or 10 ranked pair and attacks unilaterally from 	
3030 028 3020 044	Test cord <ul style="list-style-type: none"> Types: many types offered For parallel locking on a twin wire Colour marking for mapping the poles For LSA connection and disconnection modules 	
4020 003 4020 003	LSA arrester magazine 2/10 8x6 , 2-pole / 3-pole <ul style="list-style-type: none"> overvoltage protection magazine for connection and disconnection modules 2/10 coarse protection Type H / T 	
4012 003 4012 005 4012 004 4012 021 4012 007	Overvoltage / overcurrent protection 2/1 <ul style="list-style-type: none"> 1 pairR coarse and fine protection and failsafe Overcurrent protection by PTC (resettable fuse) Nominal operating current : range available Max. Nominal discharge current (8/20 microseconds): range available Attachable to LSA disconnection and safety edges Series 2 Operating Voltage DC : range available Maximum continuous voltage DC : range available Max. Transmission Frequency: range available 	
2881008300	Frames <ul style="list-style-type: none"> Profile: For receiving LSA modules on profile rods Backmount: For receiving LSA modules 2/10 	
3022 022	Flexible Backmount <ul style="list-style-type: none"> Stainless steel For receiving LSA modules 3 repeating different perforation patterns Individual modules are interconnected with bridges , which are easily separated with a side cutter 	