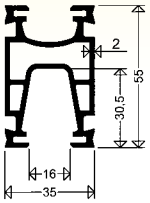


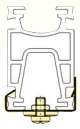
Aluminium Carrier Rails for Continuous Row Installation
Series TRS 2000... and AL...

Application:
For rows of light fittings suspended from the ceiling, allowing an easy installation and assembly.

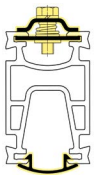
Design:
Aluminium profiled carrier rails (**AL/TRS 2000**)
Lengths: 2, 3 or 5 m. Additional covering strip (**TRS 2000 A**) for series TRS.

Mounting accessories:
For each length of a light fitting only one suspension point is required.
Connection brackets (**TRS 2000 V**) - to be ordered separately - allow joining the individual rails up to any length wanted. The carrier rails can either be mounted directly to the ceiling by means of the ceiling brackets (**183 A/ TRS 2000 D**) or they can be suspended from the ceiling by means of the hook (**183 H / TRS 2000 S**) in combination with the chain (**KP 40**) (max. distance of mounting rail elements 2.5 m). Perlon pendulums are not suitable for this purpose.
2 or 3 devices (**183 L / TRS 2000 L**) serve for mounting a light fitting to the rail. The suspension devices **183 A / TRS 2000 D** and **183 H / TRS 2000 S** as well as the devices **183 L / TRS 2000 L** are movable in the longitudinal direction of the rails.



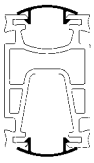


TRS 2000 H



TRS 2000 V

TRS 2000 A



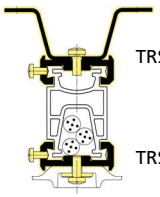
TRS 2000 A

TRS 2000 A



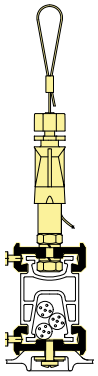
TRS 2000 S

TRS 2000 L



TRS 2000 D

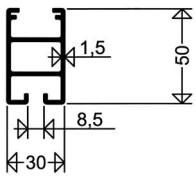
TRS 2000 L

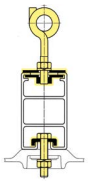


TRS 2000 FF

TRS 2000 L

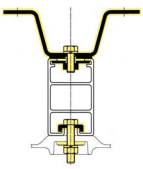






183 H

183 L



183 A

183 L

TRS 2000...

aluminium carrier rails

Product highlights:

- universal quick-action mounting system for explosion- and weather-proof light fittings.
- easy to install. (Fasten the suspension devices to the light fitting, push the light fitting with its suspension devices into the carrier rail profile - ready.)
- high carrying force thanks to a new profile structure
- possibility to insert the mains cable into the cable channel
- cover strips to protect against dirt deposit.

Article no.	Type	Product	Weight ca. [kg]
90260 0001	**TRS 2000 2 m**	Alu-rail 2 m long	3,03
90260 0002	**TRS 2000 3 m**	Alu-rail 3 m long	4,55
90260 0003	**TRS 2000 5 m**	Alu-rail 5 m long	7,58
90265 0005	**TRS 2000 A 1 m**	covering strip, 1 m long	0,04
90265 0006	**TRS 2000 A 2 m**	covering strip, 2 m long	0,07

Mounting Devices

Article no.	Type	Product
90265 0004	**TRS 2000 V**	stainless steel device (profile) for rail connection
90265 0002	**TRS 2000 D**	stainless steel ceiling bracket
90022 0001	**KP 40**	chain 1 m long with 2 eyelets for fastening and length compensation
90265 0001	**TRS 2000 S**	stainless steel swing hook for chain
90265 0003	**TRS 2000 L**	luminaire suspension device
90265 0010	**TRS 2000 H**	stainless steel luminaire mounting, for later installation
90265 0011	**TRS 2000 FF**	FastFix quick assembly system, steel, galvanised, with 2 m steel cable, rope length infinitely variable

Please note: For mounting the sheet steel light fittings (such as series 185...) please use the mounting accessories of the ex-proof light fittings.

AL...

aluminium carrier rails

Article no.	Type	Product	Weight ca. [kg]
90005 0001	**AL 2M**	Alu-rail 2 m long	1,6

Mounting Devices

Article no.	Type	Product
90265 0004	**TRS 2000 V**	stainless steel device for rail connection
90185 0001	**183 A**	stainless steel ceiling bracket for ceiling mounting of the carrier rail
90022 0001	**KP 40**	chain 1 m long with 2 eyelets for fastening and length compensation
90049 0001	**183 H**	stainless steel hook for chain pendulum
90050 0001	**183 L**	stainless steel luminaire mounting system complete

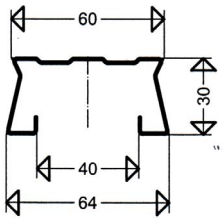


Sheet steel Carrier Rails for Continuous Row Installation Series TRS 1000

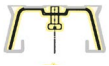
Application:
For rows of polyester dust-/waterproof light fittings suspended from the ceiling, allowing an easy installation an assembly.

Design:
Profile carrier rails made from sheet steel, galvanized and painted in white on the outside
Lenghts:
3065 mm (**TRS 1000/2**) and
4595 mm (**TRS 1000/3**)
Additional covering strip (**TRS 1000 A**) 1538 mm

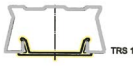
Mounting accessories:
Connection brackets (**TRS 1000 V**) – to be ordered separately – allows joining the individual rails up to any length required. The carrier rails can either be mounted directly to the ceiling by means of the ceiling hanger (**TRS 1000 S**) or they can be suspended from the ceiling with chain suspension (**KP 40**), (max. distance of mounting rail elements 2 m). 2 or 3 devices (**TRS 1000 L P**) serve for mounting a light fitting to the rail. The carrier rail can be covered with a covering strip (**TRS 1000 A**) and they can also be closed at the ends with caps (**TRS 1000 E P**).



TRS 1000 S



TRS 1000 V



TRS 1000 A



TRS 1000 L



TRS 1000 E

TRS 1000...

Sheet steel carrier rail systems

Article no.	Type	Product
90261 0001	**TRS 1000 /2**	sheet steel carrier rail 3,065 mm long
90261 0002	**TRS 1000 /3**	sheet steel carrier rail 4,595 mm long

Mounting equipment

Article no.	Type	Product
90264 0001	**TRS 1000 V**	rail connector
90264 0002	**TRS 1000 S**	rail suspension device for direct mounting or chain pendant suspension
90022 0001	**KP 40**	chain 1 m long with 2 eyelets for length compensation
90264 0008	**TRS 1000 L P**	luminaire mounting device (1 pair)
90264 0004	**TRS 1000 A**	covering strip for the rail 1,538 mm
90264 0007	**TRS 1000 E P**	end cap for the rail (1 pair)

Note:
Most of our light fittings have got two entries at one end of the housing for looping the mains cable. **Thus, the classical through-wiring system is no longer required in many cases.**

The maximum allowed ambient temperature will be reduced by up to 5 °C if Through-Wiring operating current exceeds 8A (5 x 1,5 mm²) respectively 10 A (5 x 2,5 mm²).

Through-Wiring Systems

One fixed multipole terminal at each end of the housing.
Heat-resistant PVC or silicone cables fixed to the housing with clips.

Through-wiring systems:
1,5 mm² up to 10 A max.
2,5 mm² up to max. 16 A max.

In case of loads >8A the maximum permissible ambient temperature is reduced by 5 °C.
Light fittings with electronic ballasts do have a high inrush current, hence the maximum permissible number of waterproof LED light fittings with through-wiring system per circuit breaker must be observed.
(see http://www.schuch.de/en/service/photometric-files)

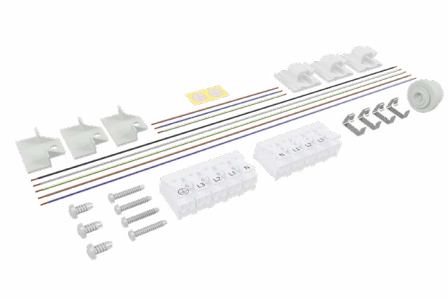
For light fittings in continuous row installation we do recommend factory-fitted through-wiring systems.

Through-Wiring Systems Installed in the SCHUCH Factory

If through-wiring systems are wanted, we supply our dustproof/waterproof light fittings with **standard through-wiring systems**: 5 x 1,5 mm² PVC.

Other conductor cross-sections and numbers of cores as well as through-wiring made of silicone are available on request.

For retrofitting our retrofit kits must be used.



Through-wiring systems for subsequent installation:

Article no.	Type	Product
Universal retrofit kits, suitable for 161PX...		
11831 0046	**DV/NS P 5 x 1,5 161PX**	5 x 1,5 mm² PVC, 105 °C
11831 0047	**DV/NS P 5 x 2,5 161PX**	5 x 2,5 mm² PVC, 105 °C
Universal retrofit kits, suitable for 161/162/163/164...		
11831 0013	**DV/NS P 5 x 1,5**	5 x 1,5 mm² PVC, 105 °C
11831 0022	**DV/NS P 5 x 2,5**	5 x 2,5 mm² PVC, 105 °C
11831 0014	**DV/NS S 5 x 1,5**	5 x 1,5 mm² Silicone, 150 °C
11831 0024	**DV/NS S 5 x 2,5**	5 x 2,5 mm² Silicone, 150 °C
Universal retrofit kits, suitable for 144...		
11831 0030	**DV/NS P 5 x 2,5 144.**	5 x 2,5 mm² PVC, 105 °C
11831 0031	**DV/NS S 5 x 2,5 144.**	5 x 2,5 mm² Silicone, 150 °C
Universal retrofit kits, suitable for 167... G2 LUXANO		
11831 0040	**DV/NS P 3 x 1,5 167.G2**	3 x 1,5 mm² PVC, 105 °C
11831 0041	**DV/NS P 3 x 2,5 167.G2**	3 x 2,5 mm² PVC, 105 °C
11831 0042	**DV/NS P 5 x 1,5 167.G2**	5 x 1,5 mm² PVC, 105 °C
11831 0043	**DV/NS P 5 x 2,5 167.G2**	5 x 2,5 mm² PVC, 105 °C
Retrofit kits for simplified through-wiring by customer with NYM cable up to 2,5 mm², can be used for 167... G2 LUXANO		
11831 0044	**DV/NS NYM3 167.G2**	up to 3 x 2,5 mm²
11831 0045	**DV/NS NYM5 167.G2**	up to 5 x 2,5 mm²