

## 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 A) for series TRS.

#### Mounting accessories:

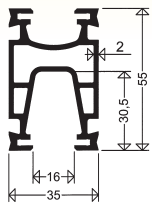
For each length of a light fitting only one suspension point is required.

Connection brackets (TRS V) - to be ordered separately - allow joining the individual rails up to any length wanted. The carrier rails can either be mounted

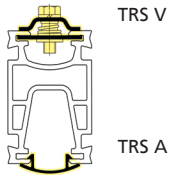
directly to the ceiling by means of the ceiling

brackets (183 A / TRS D) or they can be suspended from the ceiling by means of the hook (183 H / TRS S) in combination with the chain (KP 40) (max. distance of mounting rail elements 2.5m). Perlon pendulums are not suitable for this purpose.

2 or 3 devices (183 L / TRS L) serve for mounting a light fitting to the rail. The suspension devices 183 A / TRS D and 183 H / TRS S as well as the devices 183 L / TRS L are movable in the longitudinal direction of the rails.



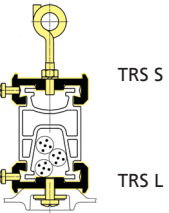
TRS H



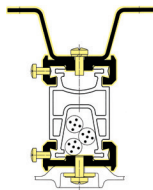
TRS V



TRS A



TRS S



TRS D



TRS L

TRS 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 2M	Alu-rail 2 m long	3,03
90260 0002	TRS 2000 3M	Alu-rail 3 m long	4,55
90260 0003	TRS 2000 5M	Alu-rail 5 m long	7,58
90265 0005	TRS 2000 A 1M	covering strip, 1 m long	0,04
90265 0006	TRS 2000 A 2M	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

**Please note:** For mounting the sheet steel light fittings (such as series 181/182...) please use the mounting accessories of the ex-proof light fittings.

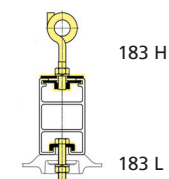
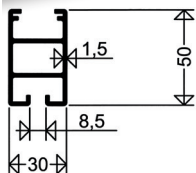
### AL...

#### aluminium carrier rails

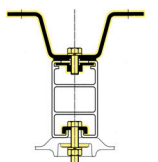
Article no.	Type	Product	Weight ca. [kg]
90005 0001	AL 2M	Alu-rail 2 m long	1,6
90005 0002	AL 3M	Alu-rail 3 m long	2,4
<del>90005 0003</del>	<del>AL 5M</del>	<del>Alu-rail 5 m long</del> no longer available	<del>3,9</del>

### Mounting Devices

Article no.	Type	Product
90265 0004	TRS 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



183 H



183 A



183 L

183 L

## Sheet steel Carrier Rails for Continuous Row Installation Series TRS 1000

### Applications:

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

### Lengths:

3065mm (TRS 1000/2) and

4595mm (TRS 1000/3)

Additional covering strip (TRS 1000 A)

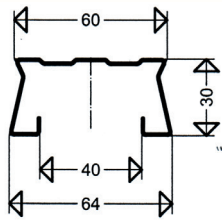
1538mm

### Mounting accessories:

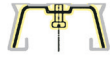
Connection brackets (TRS 1000 V) – to be ordered separately – allows joining the

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 2m). 2 or 3 devices (TRS 1000 L) 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).



TRS 1000 S



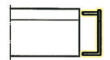
TRS 1000 V



TRS 1000 A



TRS 1000 L



TRS 1000 E

### 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.**

Ambient temperatures of +40°C and higher require silicone through wiring of 2.5mm<sup>2</sup> cross-section.

For T5 light fittings we strictly recommend through wiring systems of 2.5mm<sup>2</sup> cross-section.

## TRS 1000...

### Sheet steel carrier rail systems

Article no.	Type	Product
90261 0001	TRS 1000 /2	sheet steel carrier rail 3,065mm long
90261 0002	TRS 1000 /3	sheet steel carrier rail 4,595mm 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 fastening and length compensation
90264 0008	TRS 1000 L P	luminaire mounting device (1 pair)
90264 0004	TRS 1000 A	covering strip for the rail 1,538mm
90264 0007	TRS 1000 E P	end cap for the rail (1 pair)

## 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:

1,5mm<sup>2</sup> up to 10A max.

2,5mm<sup>2</sup> up to max. 16A max.

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.

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

For retrofitting our retrofit kits must be used.

## Through-Wiring Systems Installed in the SCHUCH Factory

If through-wiring systems are wanted, we supply our dustproof/waterproof light fittings with the following standard through-wiring systems:

Ballasts	VVG	ECG
Through-wiring system	5 x 2,5mm <sup>2</sup> PVC	5 x 1,5mm <sup>2</sup> PVC
Silicone through-wiring systems for other cable cross sections or number of poles (e.g. 3x 1,5mm <sup>2</sup> ) are available on request.		

## Through-wiring systems for subsequent installation:

Article no.	Type	Product
Universal retrofit kits, suitable for 18/36/58 Watt		
11831 0013	DV/NS P 5x1,5	5 x 1,5mm <sup>2</sup> PVC, 105°C
11831 0022	DV/NS P 5x2,5	5 x 2,5mm <sup>2</sup> PVC, 105°C
11831 0014	DV/NS S 5x1,5	5 x 1,5mm <sup>2</sup> Silicone, 150°C
11831 0024	DV/NS S 5x2,5	5 x 2,5mm <sup>2</sup> Silicone, 150°C

