

# DIN RAIL

## TDR 3

TDR 3  
This series of DIN Rail is for industrial application according to the standard EN 60715 with third generation of Cr<sup>3</sup>+Passivation (TDR3-Series) for improved corrosion resistance and SST stability of 350Hrs. It has an advantage of being fluoride free, organic acid free and has a low metal



### DIN Rail 35/7.5

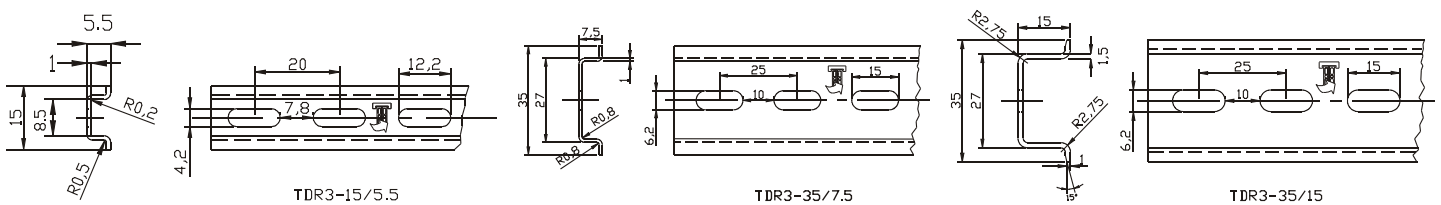


Description	Type	Article No.	Mtrs. Per Pkt.
DIN Rail, Unperforated In accordance, with EN 60715 35x7.5x1.0 Iridescent Chromated, length:2M	TDR3-35/7.5 Unperforated / 2M Iridescent Chromated	01 17 00281	10
DIN Rail, Unperforated In accordance, with EN 60715 35x7.5x1.0 Iridescent Chromated, length:1M	TDR3-35/7.5 Unperforated / 1M Iridescent Chromated	01 17 00282	5
DIN Rail, Perforated In accordance, with EN 60715 35x7.5x1.0 Iridescent Chromated, length:2M	TDR3-35/7.5 Perforated / 2M Iridescent Chromated	01 17 00283	10
DIN Rail, Perforated In accordance, with EN 60715 35x7.5x1.0 Iridescent Chromated, length:1M	TDR3-35/7.5 Perforated / 1M Iridescent Chromated	01 17 00284	5

### DIN Rail 35/15



Description	Type	Article No.	Mtrs. Per Pkt.
DIN Rail, Unperforated similar to EN 60715 35x15x1.5 Iridescent Chromated, length:2M	TDR3-35/15 Unperforated / 2M Iridescent Chromated	01 17 00285	8
DIN Rail, Unperforated similar to EN 60715 35x15x1.5 Iridescent Chromated, length:1M	TDR3-35/15 Unperforated / 1M Iridescent Chromated	01 17 00286	4
DIN Rail, Perforated similar to EN 60715 35x15x1.5 Iridescent Chromated, length:2M	TDR3-35/15 Perforated / 2M Iridescent Chromated	01 17 00287	8
DIN Rail, Perforated similar to EN 60715 35x15x1.5 Iridescent Chromated, length:1M	TDR3-35/15 Perforated / 1M Iridescent Chromated	01 17 00288	4



\* Conditions Apply.

# DIN RAIL

## TDR 3



### DIN Rail 15/5.5



Description	Type	Article No.	Mtrs. Per Pkt.
DIN Rail, Unperforated In accordance, with EN 60715 15x5.5x1.0 Iridescent Chromated, length:2M	TDR3-15/5.5 Unperforated / 2M Iridescent Chromated	01 17 00277	20
DIN Rail, Unperforated In accordance, with EN 60715 15x5.5x1.0 Iridescent Chromated, length:1M	TDR3-15/5.5 Unperforated / 1M Iridescent Chromated	01 17 00278	10
DIN Rail, Perforated In accordance, with EN 60715 15x5.5x1.0 Iridescent Chromated, length:2M	TDR3-15/5.5 Perforated / 2M Iridescent Chromated	01 17 00279	20
DIN Rail, Perforated In accordance, with EN 60715 15x5.5x1.0 Iridescent Chromated, length:1M	TDR3-15/5.5 Perforated / 1M Iridescent Chromated	01 17 00280	10

## Profile Cutter

# PROFILE CUTTER

Bench top Profile Cutter with five built in dies for manual cutting of common DIN rails to custom length. Tool is intended for use where multiple DIN rails are to be cut without changing the die.

- Salient Features
- Long Life of Punch and Side Plates.
  - Nickel - Chrome plated handle.
  - Ease of operation.
  - Cuts in flash and without burr or deformation.
  - Guide plate facilitates insertion of profile and provides rail support.
  - Direct reading rail length indicator (Scale).
  - Common cutting die for 32, 35/7.5, 35/15, 15/5.5 DIN Rails



Description	Type	Article No.	Pkt.
Profile cutter, with inch / mm measuring bar	PC Series 1-I/M	01 17 00269	1

## ANGLED BRACKETS

The BG brackets enable the DIN rails to be mounted with a spacing or at an angle of 30°



NS 35/...CAP

DIN Rail end cap

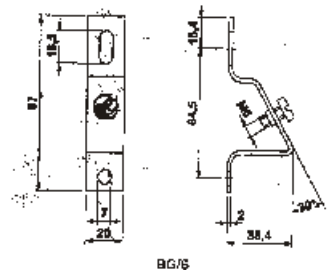


Angled brackets

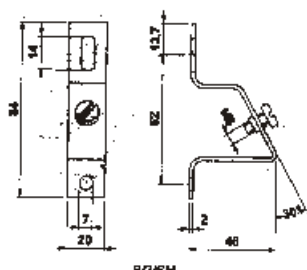


Flat brackets

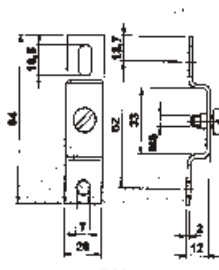
Description	Type	Article No.	Pcs Pkt.	Type	Article No.	Pcs Pkt.
Angled bracket, for fixing DIN rails at an angle of 30° with M6 screw, height: 35.4 mm	BG/S	01 17 00762	10			
Angled bracket, as above, however, with stop for the DIN rail	BG/SA	01 17 00763	10			
Angled bracket, for fixing DIN rails at an angle of 30° with M6 screw, height: 46 mm	BG/SH	01 17 00764	10			
Angled bracket, as above, however, with a stop for the DIN rail	BG/SHA	01 17 00765	10			
Flat bracket, for fixing DIN rails 12 mm above the mounting surface, with M6 screw				BG/F	01 17 00761	10
Flat bracket, for fixing DIN rails 15 mm above the mounting surface, fixing hole 6.5 mm ø				BG/F1	01 17 00760	10
Support for fixing DIN rails 21 mm above the mounting surface, with M6 screw, countersunk fixing hole 6.1 mm ø, can also be used for protective insulation of terminal strips				AB/NS	01 17 00766	10
DIN Rail end cap for protection from sharp edges during installation and corrosion	NS 35/7.5 CAP NS 35/15 CAP	01 17 00918 01 17 00919	100 100			
Material	Steel			(AB/NS : PA)		
Inflammability class in acc. with UL 94				-/ (V2)		
Color	Iridescent chromated			Grey		



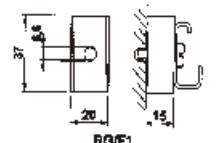
BG/S



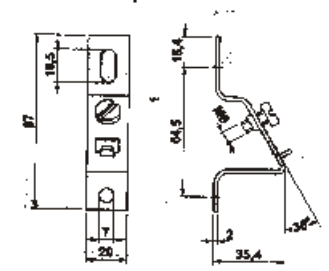
BG/SH



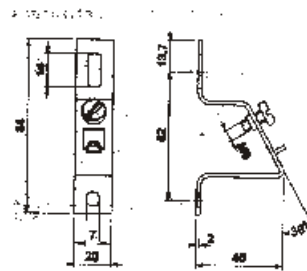
BG/F



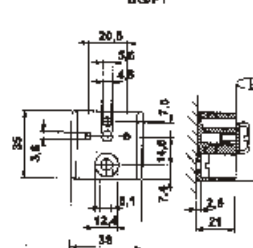
BG/F1



BG/SA

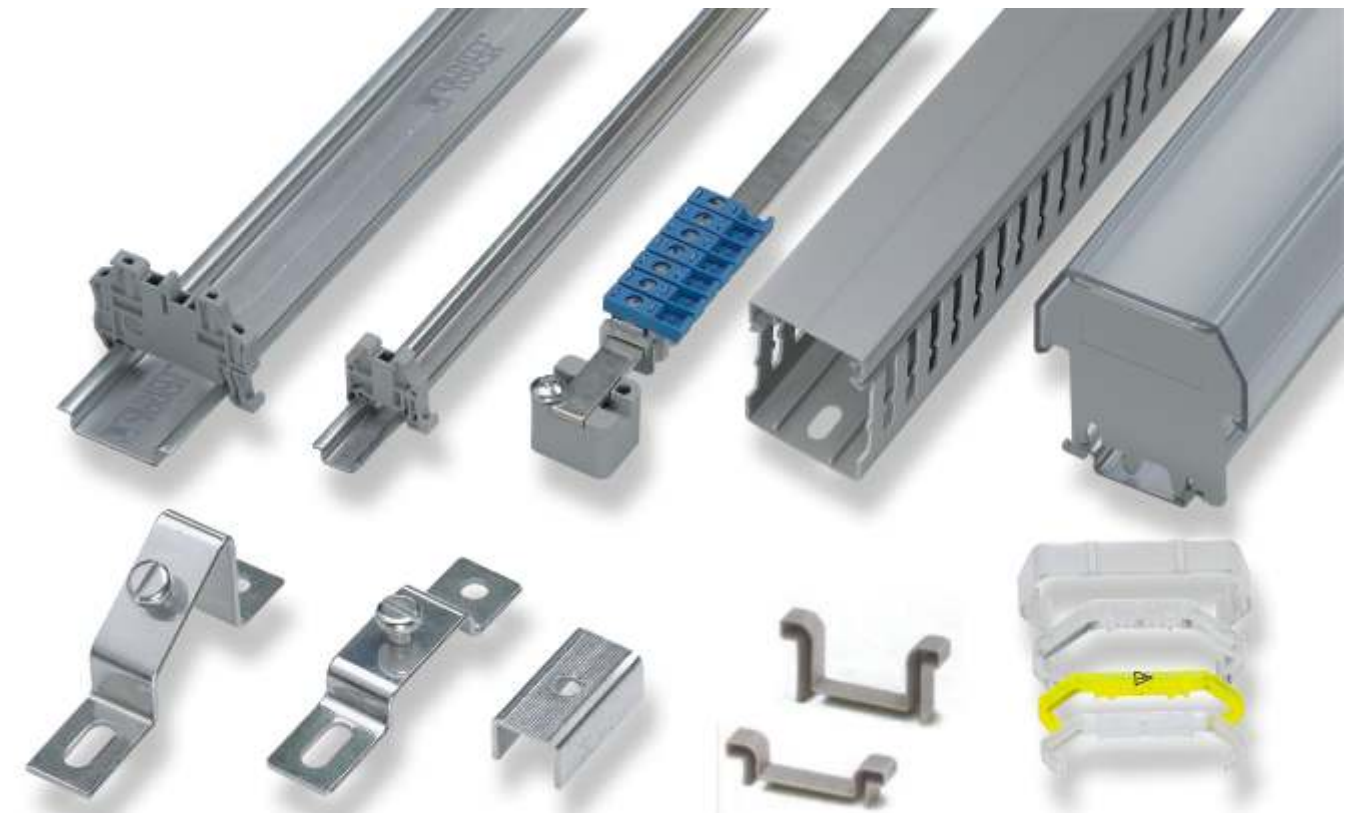


BG/SHA



AB/NS

## MOUNTING RAIL



Secure mounting of electrical connections and components in switchgear and control gear can be made time-saving with suitable mounting facilities. The space in the control cabinet can be used optimally by combining the mounting accessories appropriately. DIN Rails form the basis of the "insides" of the control cabinet. They guarantee a secure hold of the rail-mountable components. Trinity Touch provides a wide range of standardized rails made of various

They can be supplied cut to length with pre-drilled holes. Supports and mounting brackets are available for mounting the DIN Rails. The rails can also be connected diagonally with the angled adapter.

End brackets are used for a secure lateral hold of the components, especially in the case of jolts and vibrations in the systems.

## NEUTRAL BUSBARS



NLS-CU 3/10



NLS-CU 6/6

Description	Type	Article No.	Pcs. Pkt.	Type	Article No.	Pcs. Pkt.
<b>Neutral busbar,</b> In acc. with DIN VDE 0611-4: 1991-02, nominal current: 140 A	<b>NLS-CU 3/10</b>	01 17 00767	10		01 17 00768	10
<b>Dimensions</b>						
Width / height / length		10 / 3 / 1000			6 / 6 / 1000	
<b>Material</b>		Copper			Copper	
<b>Coating</b>		Tin-plated			Tin-plated	



NLS-CU 3/10 SN 1000MM



NLS-CU 6/6 SN 1000MM

Description	Colour	Type	Article No.	Pcs. Pkt.	Type	Article No.	Pcs. Pkt.
<b>PEN conductor busbar,</b> 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A	silver	<b>NLS-CU 3/10 SN 1000MM</b>	01 12 16216	10			
<b>PEN conductor busbar,</b> in accordance with DIN VDE 0611-4, 6 x 6 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A	silver				<b>NLS-CU 6/6 SN 1000MM</b>	01 12 16215	10
<b>Technical data</b>							
<b>Dimensions</b>							
Width / length / height [mm]		10 / 1000 / 3			6 / 1000 / 6		
<b>General data</b>							
<b>Material</b>		Copper			Copper		

## Supports for Neutral Busbars

Supports are available for holding the busbars:  
- The AB/SS for one rail



AB/SS

Description	Colour	Type	Article No.	Pcs. Pkt.
<b>Support,</b> insulating material, with retaining screw, for 3 x 10 mm or 6 x 6 mm busbars	grey	<b>AB/SS</b>	01 12 00591	10
<b>Technical data</b>				
<b>Dimensions</b>				
Width / length / height [mm]		19.4 / 23.4 / 48		
<b>General data</b>				
<b>Material</b>		PA		
<b>Inflammability class acc. to UL 94</b>		V2		

## WIRING DUCTS - PREMIUM

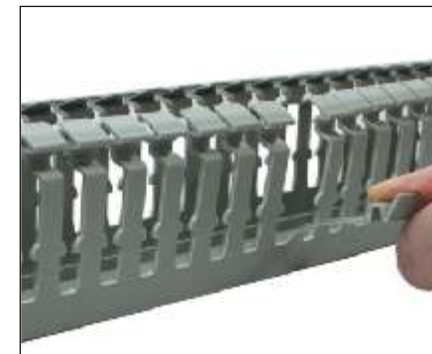
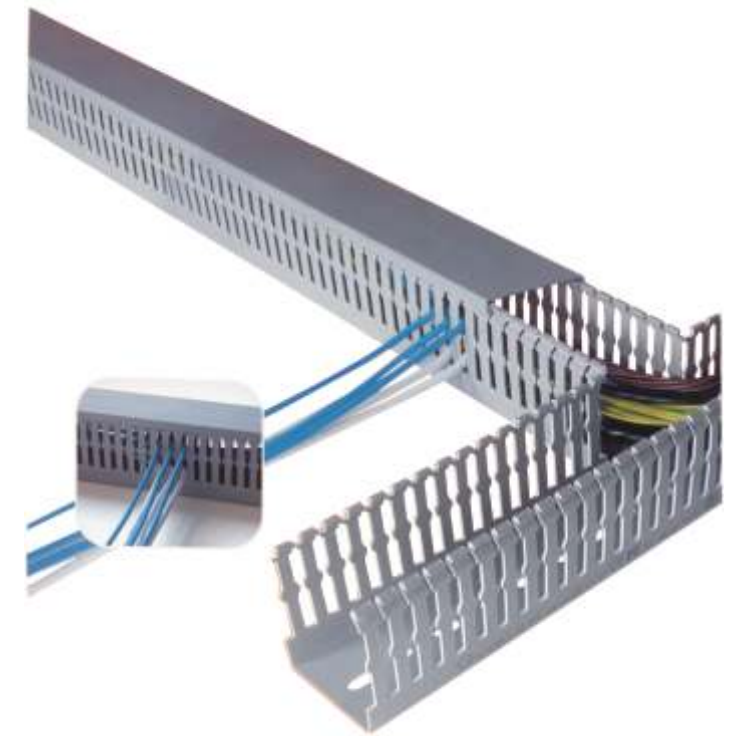
Trinity Touch provides international availability and support for demanding wire management solution.

The selection and design of Trinity Touch wiring ducts is to meet the maximum wire capacity needs and space constraint of the smallest wall mounted panels to the largest integrated systems.

All the wiring ducts are manufactured from high impact, self extinguish, wrap proof rigid PVC with lead free material. PVC material carries UL 94 flammability rating of V0 for excellent flame retardancy, continuous use temperature 50°C (122°F).

Wiring ducts includes solid and slotted styles, narrow slots/finger design provides more slot to closed fit the spacing of high density terminal block and other hardware.

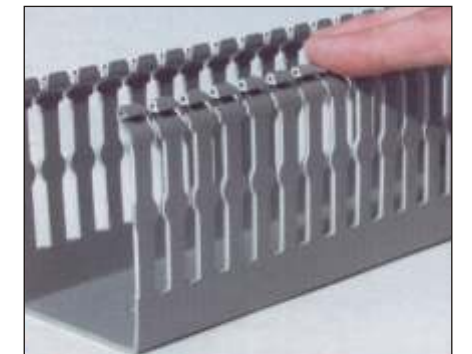
All the wiring ducts are available in different sizes. Premium-Duct comes in standard colour of grey in 1 meter and 2 meter lengths. Other colours of wiring ducts are also available on request for minimum volume requirements.



**Easy break away**  
The pre scored double break lines, upper one at the bottom end of each finger & lower one at the bottom end of wall enable easily broken out the finger & side wall sections without any tools. This feature enable quick modification & save installation time leading to lower installed cost.



**Easy closing of cover**  
Now all you need to do is position it over the duct, and a light pressure snaps it into place over all the finger together.



**Total safety**  
We know how you work. You can't afford to make mistakes or lose time, and that's why we develop materials and shapes that protect both you and your installations.