DATT-016-1

PIVOT
engineered to endure

Disconnect & Test Terminal 16mm²

Lever operated, 16mm² disconnect terminal for isolating and testing of circuits. A high reliability connector designed for harsh environments reducing maintenance and installation times.

FEATURES

100% Touchproof
High reliability
Time saving
Secure lever clamp termination
Rated cross section 1.5mm~16mm²
No tools required
G Rail or Din Rail mounting

ACCESSORIES

Blue, Orange & Red "dummy lock out link"
Yellow & Black disconnect link
Fuse cartridge 10A, 25x5mm & 32x6mm
Bus combs 2 to 10 way
Power jumper 2 ,3 & 4 way
Staging connector
Terminal markers

ORDERING DETAILS

\# DATT-016-1   w/black disconnect ink
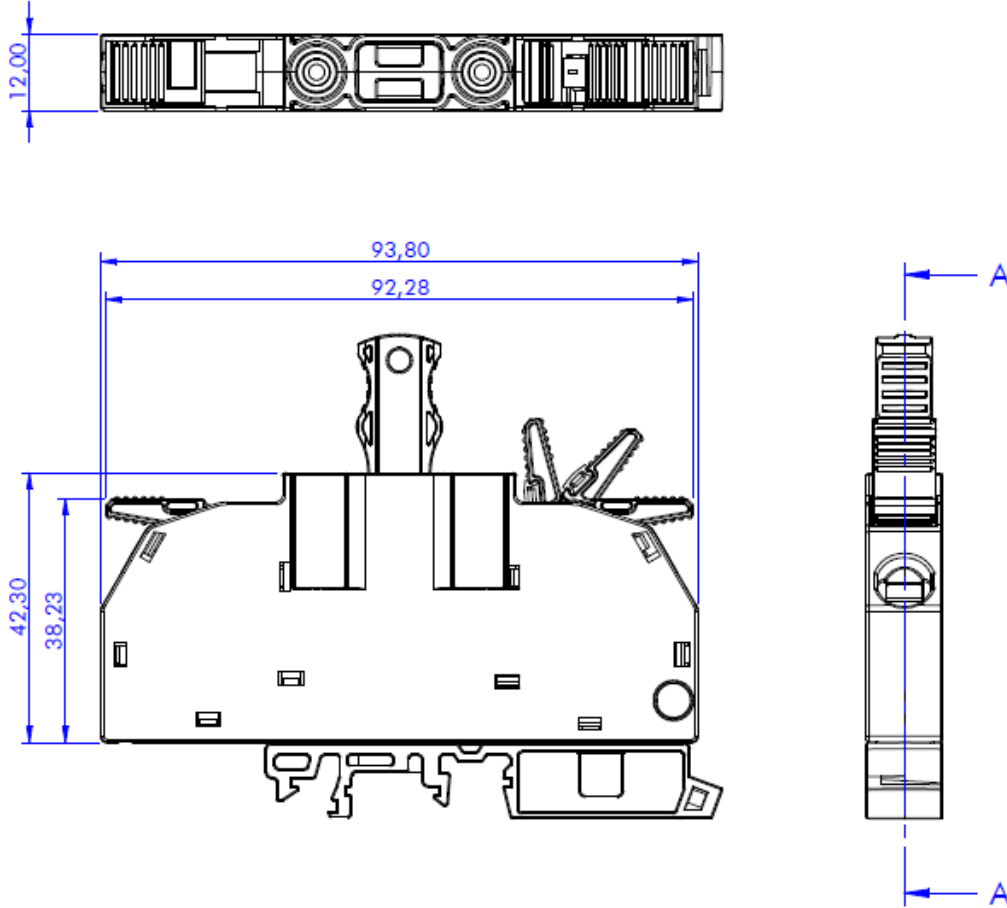\# DATT-016-2   w/yellow disconnect link

APPROVALS

Kiwi Rail # S-TA-0181
Sydney Trains #SC16/1004R01
ARTC #NESA-S074

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Physical & Electrical Data

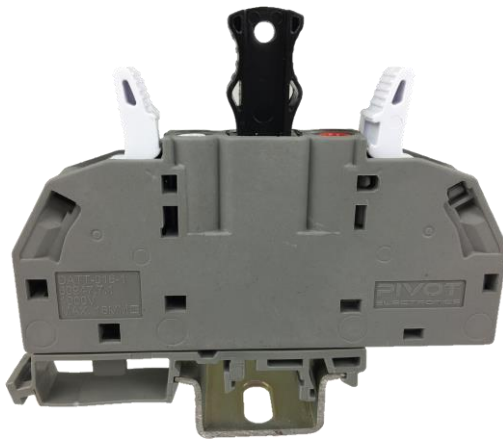| MODEL	DATT-016-1
Rating system voltage	600V AC/DC
Continuous operating temperature	50 °C to 70°C
Rated current (max cross-section)	32A
Rated withstand disconnect voltage (with link removed)	6KV DC
Rated impulse withstand voltage (10/700µs)	6KV DC
Leakage current input to mounting base	<100µA 6KVDC
Leakage current between adjacent units	<100µA 6KVDC
Leakage current to between input & output w/link removed	<100µA 6KVDC
Voltage drop at rated current	77mV
Insulation resistance	>200M Ohm @ 500V
End to end resistance	<2.5mΩ
Pollution severity	3
Overvoltage category	III
Method of mounting	Snap on
Type of mounting	DIN-35 & G Rail
Open side	Nil
Material	Nylon 6/6
UL 94 Flammability	V0
Colour	Medium Grey
Connection technology	Lever clamp
Actuation type	Lever
Clamping range, rated connection, min * recommended below 1.5mm² to ferrule conductor	0.5mm²
Clamping range, rated connection, max	16mm²
Stripping length	14 ~ 15mm
Total number of potentials	1
Integral test socket	2mm (x2)
Banana test socket	4mm (x2)
Degree of protection	IP20
Approvals	Kiwi Rail # S-TA-0181, Syd Trains #SC16/1004R01
Dimensions (Height fitted with disconnect link)	12 x 77 x 93.8mm (w x h x d)
Weight	60g

Dimensional Drawing (mm)

Installation

Step 1
Snap on terminal to Din rail or G rail

Step 2
Open the clamping unit by pulling the operating levers all the way back. Insert ferruled cable or stripped cable, close levers.

Disconnect terminal and optional accessories

Disconnect pin

Power jumper

Markers

Bussing combs

G Rail or Din Rail mounting