

# TB20C Terminal Junction Box



Technical Datasheet

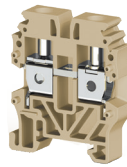
## Key Features

- IP66 protection rating
- Inc. 5xER4-T15 (6mm) & 1xERPE4-T15 (6mm Earth) Terminals
- RoHS Compliant
- Polypropylene Body Construction
- Suitable for use in High Temperatures (up to 100°C)

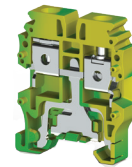


## Junction Box Specifications

Construction Material	Polypropylene
Material Sealing Gasket	TPE
Min. Temperature Range	-30°C
Max. Temperature Range	+100°C
Protection Class	IP66/IP67
Glow Wire Test	750°C



4 mm<sup>2</sup> Feed Through Terminal Block For 15 mm DIN Rail



4 mm<sup>2</sup> Feed Through Terminal Block Protective Earth For 15mm DIN Rail

## Terminal Specifications

Electrical Ratings	Voltage, V ~	Current, A	Cross Section	Voltage, V ~	Current, A	Cross Section
CE (EN 60947-7-1)	400	24	2.5 mm <sup>2</sup>			4 mm <sup>2</sup>
cRUus	300	20	AWG 26 - 12			AWG 24 - 10
VDE (IEC 60947-7-1)						
CSA						
IECEX				400		

Connection Data		
Conductor cross section solid (min.-max.)	0.2 - 4 mm <sup>2</sup>	0.2 - 6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0.2 - 4 mm <sup>2</sup>	0.2 - 6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0.5 - 1.5 mm <sup>2</sup>	0.5 - 2.5 mm <sup>2</sup>
AWG Conductor	AWG 24 - 12	AWG 24 - 10
Insulation Stripping Length	9 - 10 mm	9 - 10 mm
Torque (min.-max.)	0.4 - 0.6 Nm	0.5 - 0.8 Nm
Screwdriver	0.6 x 3.5	0.6 x 3.5

Technical Data		
Rated Impulse Voltage	6/3	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B3	1/B4
Protection class / Protection conductor type	IP 20/ -	IP 20/ PE

## Dimensions (mm)

