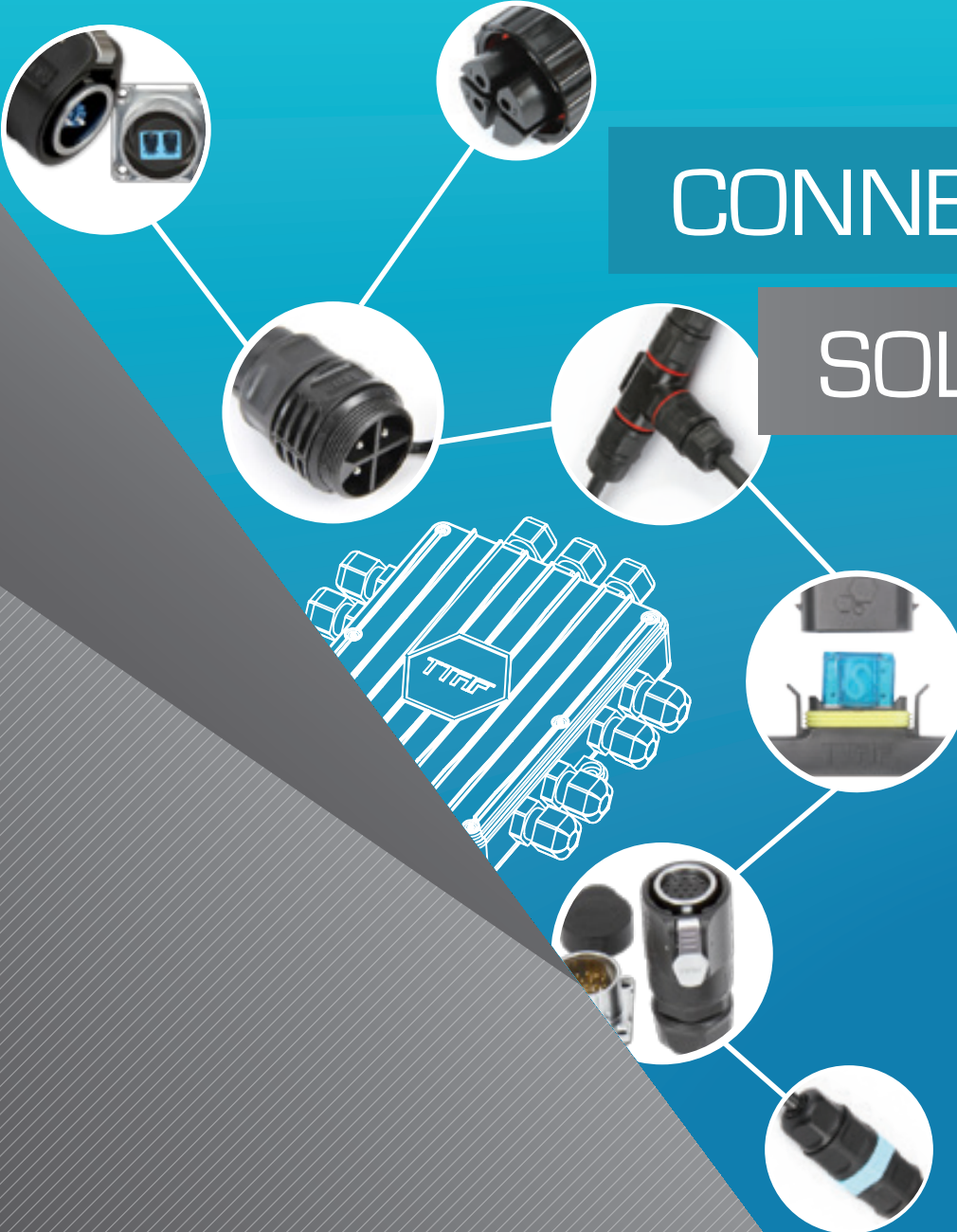




CONNECTOR

SOLUTIONS

2019v2





Connector Series Pin and Data



TTAF Elektronik Ltd was founded in Istanbul /Turkey in 2003, providing interconnect solutions for industrial, telecom and led lighting applications including: Wiring harnesses, Cable Assemblies, Optical Fiber, Power, RF, Molded, Electromechanical Assemblies, Lighting Systems and IP rated outdoor solutions.

Servicing our diverse customers worldwide from our state of the art manufacturing facilities in Istanbul(6000sqm closed area), TTAF is now a global interconnect solutions and cable assembly leader always valuing customer satisfaction.

After more than 30 years in the connector marketplace, TTAF capitalized to create own wire harness and cable assembly business offering wiring harness assemblies using optimum grade wire and other material with the help of cutting-edge machines in adherence to set electronic industry norms.

TTAF is ISO9001:2015, TSE, IPC/WHMA-A-620B, UL, CE, ATEX, ETL & 3P certified to meet even the most demanding quality standards.

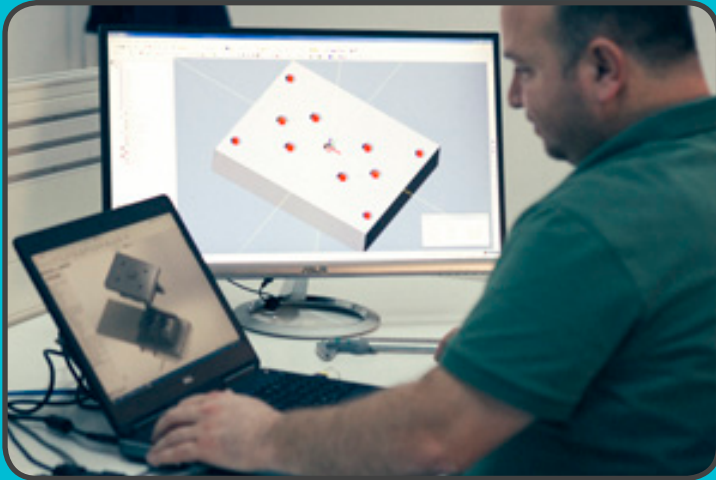


WPD Connectors and Electrical Splitters

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PRODUCTION, DESIGN AND TOOLING...



TT30 Data Series Waterproof Fiber LC DX

TTData Series

Connectors



Fiber LC DX
Plug/Unplug
-40 °C~80 °C



EN 60309-1
EN 60695-2
EN 61984-2009



Plug/Unplug
Connecting mode

Fiber Optic LC DX
Connector

TT30 DATA SERIES

Waterproof Data Connectors

Unique
Lock Mechanism



Technical Specifications

Product Code

TT30 Data Series Fiber

Type

Fiber

Connecting mode

Plug/Unplug

Durability

500 mating cycles

Receptacle Housing

PBT, Black

Cable specification

0.15-0.2mm² /26-24AWG

Line diameter Scope

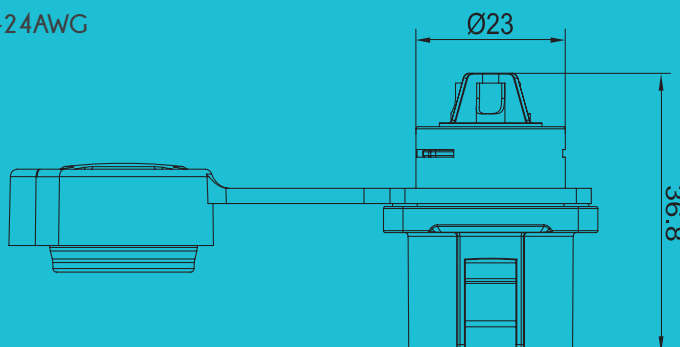
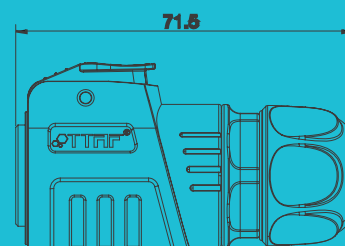
5.5mm-7mm

Operating temperature

-40 °C - 80 °C

Waterproof level

IP65 / IP67



Connectors

RJ45
1.5A
1000V



EN 60309-1
EN 60695-2
EN 61984-2009



Plug/Unplug
Connecting mode

RJ45 Connector
Fast data transfer

TT30 DATA SERIES

Waterproof Data Connectors

Unique
Lock Mechanism



Technical Specifications

Product Code

TT30 Data Series RJ45

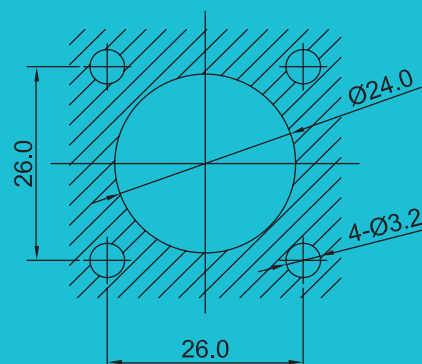
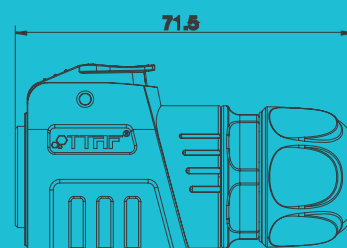
Type



RJ45

Connecting mode
Durability
Receptacle Housing
Cable specification
Line diameter Scope
Operating temperature
Waterproof level
Rating Current
Contact resistance
Withstanding voltage

Plug/Unplug
500 mating cycles
PBT, Black
0.15-0.2mm² / 26-24AWG
5.5mm-7mm
-40 °C - 80 °C
IP65 / IP67
1.5A
<30mΩ
1000V



Connectors

USB
Plug/Unplug
-40 °C~80 °C



EN 60309-1
EN 60695-2
EN 61984-2009



Plug/Unplug
Connecting mode

USB Connector
2.0 / 3.0

TT30 DATA SERIES

Waterproof Data Connectors

Unique
Lock Mechanism



Technical Specifications

Product Code

TT30 Data Series USB

Type

USB

Connecting mode

Plug/Unplug

Durability

500 mating cycles

Receptable Housing

PBT, Black

Cable specification

0.15-0.2mm² /26-24AWG

Line diameter Scope

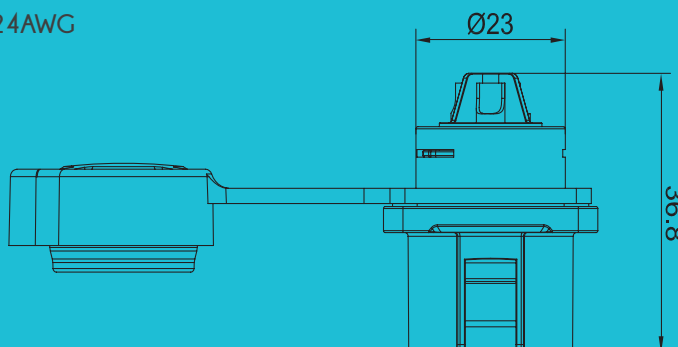
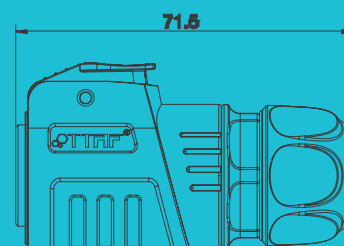
5.5mm-7mm

Operating temperature

-40 °C - 80 °C

Waterproof level

IP65 / IP67



TT30 Series Industrial Waterproof

Connectors



3,4,10,12,19,24 pin
125~500V
3A~22A

CE EN 60309-1
EN 60695-2
EN 61984-2009

TTPin Series



TT30 SERIES

Industrial Waterproof Connectors

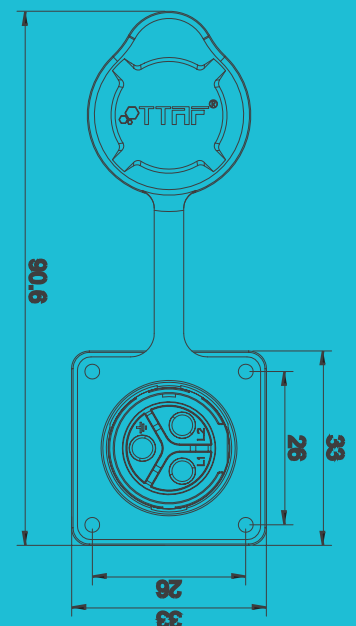
Unique
Lock Mechanism



Technical Specifications

Product Code TT30 Pin Series

Pin Numbers	3pin 4pin	10pin 12pin	19pin 24pin
Rated Current	22A	10A	3A
Operating Voltage	500V	250V	125V
Withstanding Voltage	2500V	2500V	1500V
Contact Resistance	<1mΩ	<3mΩ	<5mΩ
Temperature Rise	20A 30 °C	10A 30 °C	3A 30 °C
	25A 40 °C	15A 40 °C	7A 40 °C
	30A 50 °C	20A 50 °C	10A 50 °C 1
Contact Dimension	3.0*3-3.0*4	1.5*10-1.5*12	1.0*19-1.0*24
Seal Material	Silicone	Silicone	Silicone
Maint Cycle	1700 Times	1700 Times	1700 Times



TT35 Series Industrial Waterproof

Connectors



3,4,10,12,19,24 pin
125~500V
3A~22A

CE EN 60309-1
EN 60695-2
EN 61984-2009

TTPin Series



TT35 SERIES

Industrial Waterproof Connectors

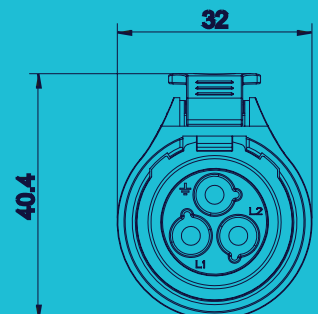
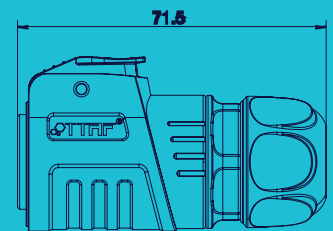
Unique
Lock Mechanism



Technical Specifications

Product Code TT35 Pin Series

Pin Numbers	3pin 4pin	10pin 12pin	19pin 24pin
Rated Current	22A	10A	3A
Operating Voltage	500V	250V	125V
Withstanding Voltage	2500V	2500V	1500V
Contact Resistance	<1mΩ	<3mΩ	<5mΩ
Temperature Rise	20A 30 °C	10A 30 °C	3A 30 °C
	25A 40 °C	15A 40 °C	7A 40 °C
	30A 50 °C	20A 50 °C	10A 50 °C 1
Contact Dimension	3.0*3-3.0*4	1.5*10-1.5*12	1.0*19-1.0*24
Seal Material	Silicone	Silicone	Silicone
Maint Cycle	1700 Times	1700 Times	1700 Times



2,4,3,5,7,9,12 pin
400~500V
5A~20A



EN 60309-1
EN 60695-2
EN 61984-2009



Connectors



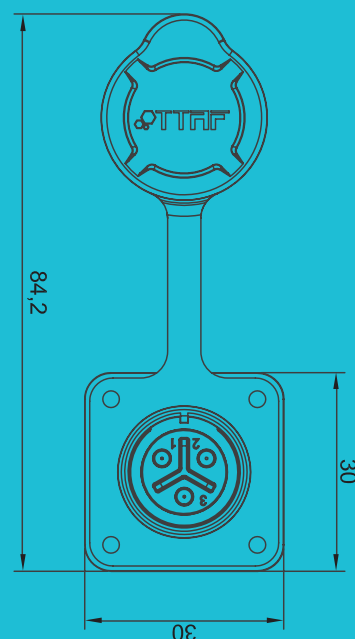
TT20 SERIES

Industrial Waterproof Connectors

Technical Specifications

Product Code TT20 Pin Series

Pin Numbers	2pin 3pin 4pin	5pin 7pin	9pin 12pin
Rated Current	20A	12A	5A
Operating Voltage	500V	500V	400V
Withstanding Voltage	2500V	2500V	1500V
Contact Resistance	<1mΩ	<2.5mΩ	<5mΩ
Temperature Rise	20A 30 °C	12A 30 °C	5A 30 °C
	25A 40 °C	15A 40 °C	7A 40 °C
	30A 50 °C	20A 50 °C	10A 50 °C 1
Contact Dimension	2.7*2-2.7*3-2.7*4	1.8*5-1.8*7	1.0*9-1.0*12
Seal Material	Silicone	Silicone	Silicone
Maint Cycle	1700 Times	1700 Times	1700 Times



TT25 Series Industrial Waterproof

Connectors



2,4,3,5,7,9,12 pin
400~500V
5A~20A

CE EN 60309-1
EN 60695-2
EN 61984-2009

TTPin Series



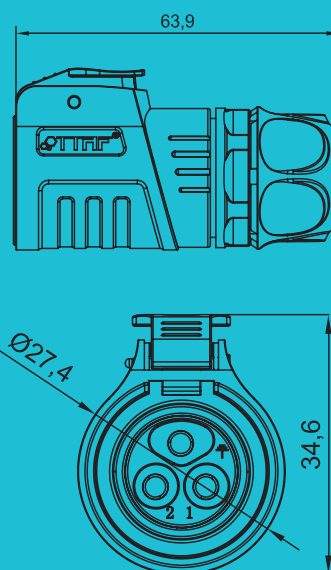
TT25 SERIES

Industrial Waterproof Connectors

Technical Specifications

Product Code TT25 Pin Series

Pin Numbers	2pin 3pin 4pin	5pin 7pin	9pin 12pin
Rated Current	20A	12A	5A
Operating Voltage	500V	500V	400V
Withstanding Voltage	2500V	2500V	1500V
Contact Resistance	<1mΩ	<2.5mΩ	<5mΩ
Temperature Rise	20A 30 °C	12A 30 °C	5A 30 °C
	25A 40 °C	15A 40 °C	7A 40 °C
	30A 50 °C	20A 50 °C	10A 50 °C 1
Contact Dimension	2.7*2-2.7*3-2.7*4	1.8*5-1.8*7	1.0*9-1.0*12
Seal Material	Silicone	Silicone	Silicone
Maint Cycle	1700 Times	1700 Times	1700 Times



3 Pin I Type OD:14mm
Screw Connection
Field Assembly

WPI Series

3 pin
250 VAC
20A



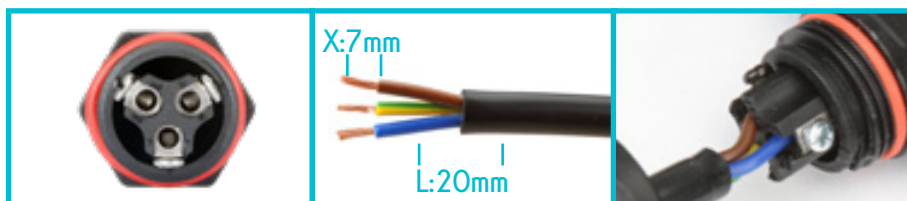
EN 60309-1
EN 60695-2
EN 61984-2009



Connector



GONTUANA
Waterproof Connector Series

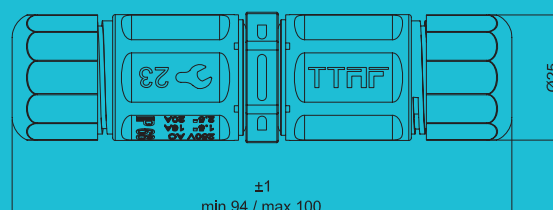
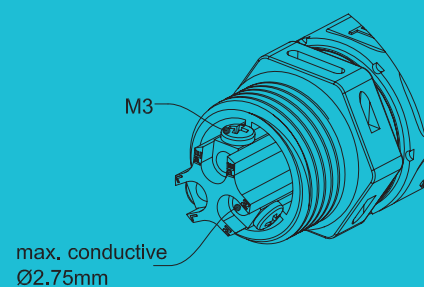


Technical Specifications

Number of Poles	3
Voltage Rating	250VAC max.
Current Rating	20A max.
Cable Cross Section Area	0,5mm ² ~ 2.5mm ²
Durability Voltage	1500VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	10 mΩ max.
Min Wire Size OD	6,5mm ~ 10mm
Max Wire Size OD	10,5mm ~ 14mm
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone

Product Code

WPI-0302M20/14



3 Pin T Type OD:14mm Screw Connection Field Assembly

Connector

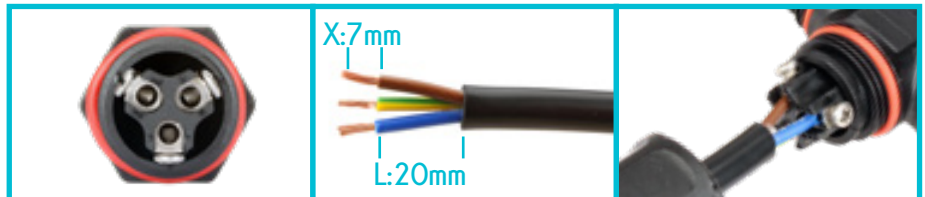
3 pin
250 VAC
20A

WPT Series

CE EN 60309-1
EN 60695-2
EN 61984-2009



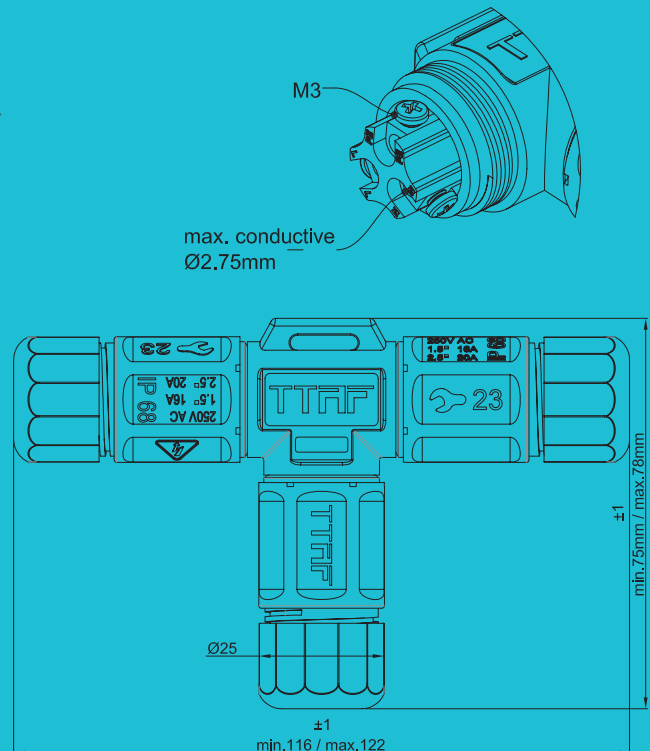
GONTUANA
Waterproof Connector Series



Technical Specifications

Number of Poles	3
Voltage Rating	250VAC max.
Current Rating	20A max.
Cable Cross Section Area	0,5mm ² ~ 2,5mm ²
Durability Voltage	1500VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	10 mΩ max.
Min Wire Size OD	6,5mm ~ 10mm
Max Wire Size OD	10,5mm ~ 14mm
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone

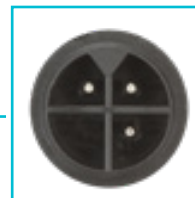
Product Code WPT-0303M20/14





WPM-0300M20

3 Pin Male Cable Type



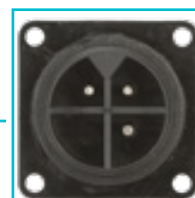
WPF-0300M20

3 Pin Female Cable Type



WPP-0300M20

3 Pin Male Panel Type



GONTUANA
Waterproof Connector Series

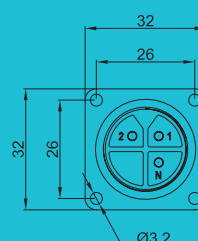
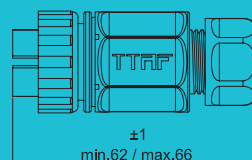
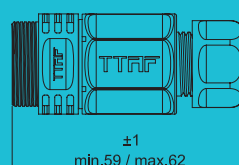
Technical Specifications

Product Codes

WPM-0300M20
WPF-0300M20
WPP-0300M20

Number of Poles
Voltage Rating
Current Rating
Cable Cross Section Area
Durability Voltage
Insulation Structure
Contact Resistance
Min Wire Size OD
Max Wire Size OD
Temperature Rating
IP Class
Mold Material
Contact/Terminal Material
Seal Material

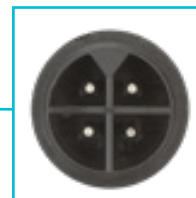
3
250VAC max.
20A max.
0,5mm² ~ 2,5mm²
3000VAC@60s.
500 MΩ at 500VDC
30 mΩ max.
6mm
10mm
-40°C ~ +85°C
IP68 (10m / 60min)
PA6
Nickel-Plated Brass
Silicone





WPM-0400M20

4 Pin Male Cable Type



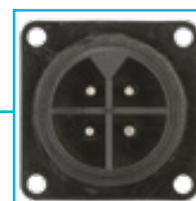
WPF-0400M20

4 Pin Female Cable Type



WPP-0400M20

4 Pin Male Panel Type



GONTUANA®

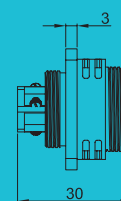
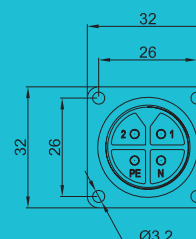
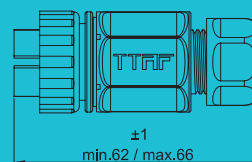
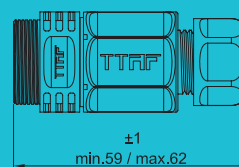
Waterproof Connector Series

Technical Specifications

Product Codes

WPM-0400M20
WPF-0400M20
WPP-0400M20

Number of Poles	4
Voltage Rating	250VAC max.
Current Rating	20A max.
Cable Cross Section Area	0,5mm ² ~ 2,5mm ²
Durability Voltage	3000VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	30 mΩ max.
Min Wire Size OD	6mm
Max Wire Size OD	10mm
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone



3 Pin I Type Screw Connection Field Assembly

Connector



3 pin
250 VAC
20A

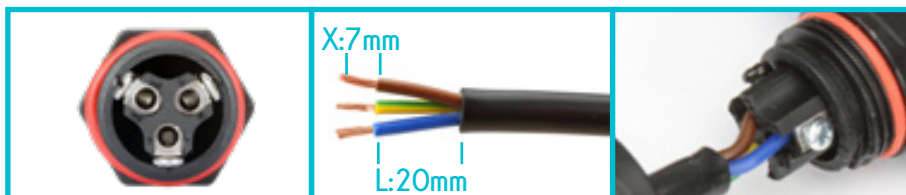


EN 60309-1
EN 60695-2
EN 61984-2009

WPI Series



GONTUANA
Waterproof Connector Series

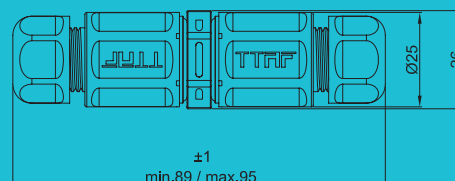
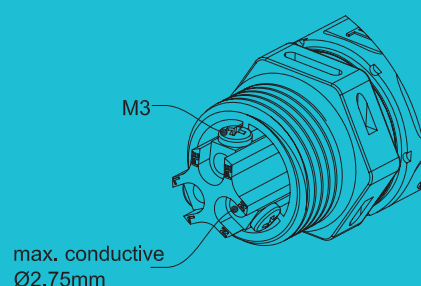


Technical Specifications

Product Code

WPI-0302M20

Number of Poles	3
Voltage Rating	250VAC max.
Current Rating	20A max.
Cable Cross Section Area	0,5mm ² ~ 2.5mm ²
Durability Voltage	1500VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	10 mΩ max.
Min Wire Size OD	6mm
Max Wire Size OD	10mm
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone



3 Pin I Type Screw Connection Field Assembly

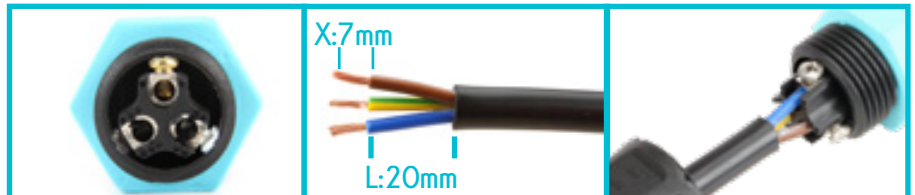
Connectors

WPI Series

3 pin
250 VAC
20A



GONTUANA®
Waterproof Connector Series

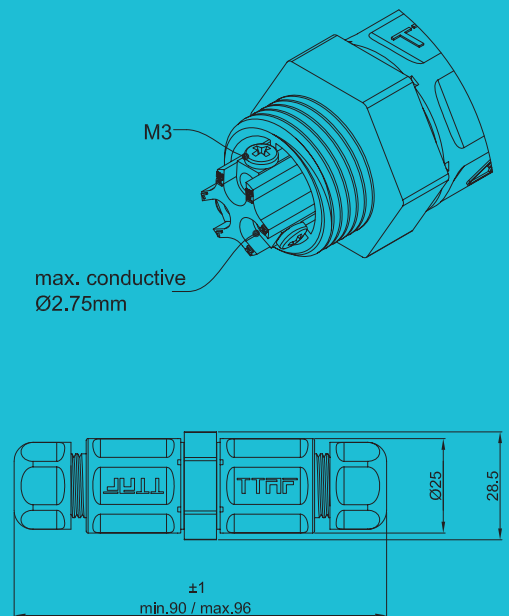


Technical Specifications

Product Code

WPI-0302M20/U2

Number of Poles	3
Voltage Rating	250VAC max.
Current Rating	20A max.
Cable Cross Section Area	0,5mm ² ~ 2,5mm ²
Durability Voltage	1500VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	10 mΩ max.
Min Wire Size OD	6mm
Max Wire Size OD	10mm
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass



3 Pin I Type
Push in Wire
Field Assembly

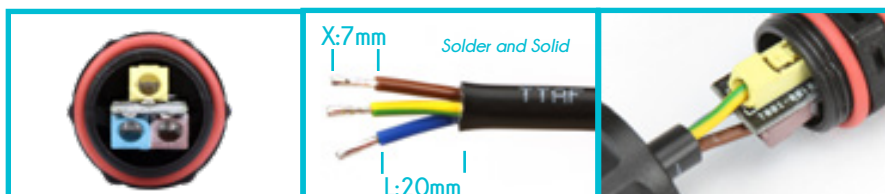
WPK Series

Connector

3 pin
250 VAC
6A



GONTUANA
Waterproof Connector Series



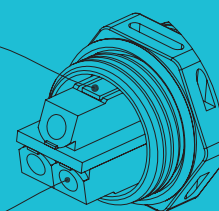
Technical Specifications

Product Code

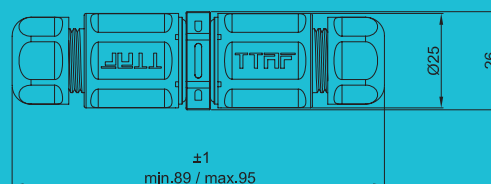
WPK-0302M6

Number of Poles	3
Voltage Rating	250VAC max.
Current Rating	6A max.
Cable Cross Section Area	0,5mm ² ~ 1,5mm ²
Durability Voltage	1250VAC@60s.
Insulation Structure	1000 MΩ@1000V
Contact Resistance	12 mΩ
Min Wire Size OD	6mm
Max Wire Size OD	10mm
Operating Temperature	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Terminal Type	Push Button Screwless Terminal
Contact Material	Phosphor Bronze, Tin-Plated
Seal Material	Silicone

Push



max. conductive
Ø1.5mm



3 Pin Panel Type Screw Connection Field Assembly

WPP Series

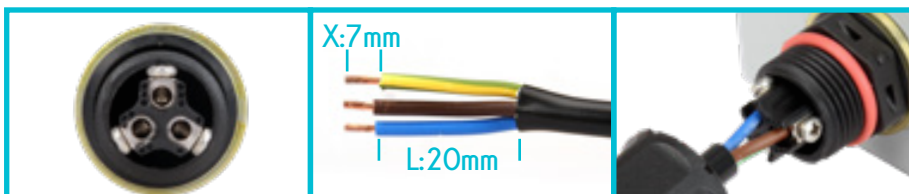
3 pin
250 VAC
20A



Connector



GONTUANA®
Waterproof Connector Series

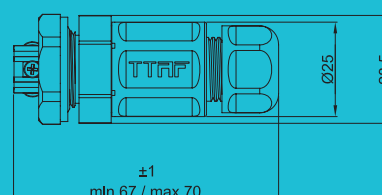
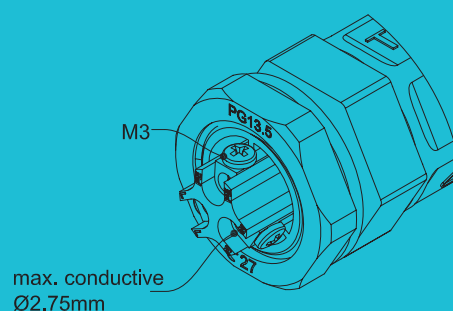


Technical Specifications

Product Code

WPP-0302M20

Number of Poles	3
Voltage Rating	250VAC max.
Current Rating	20A max.
Cable Cross Section Area	0,5mm ² ~ 2,5mm ²
Durability Voltage	1500VAC@60s.
Contact Resistance	10 mΩ max.
Insulation Structure	500 MΩ at 500VDC
Min Wire Size OD	6mm
Max Wire Size OD	10mm
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone
Chasis Hole Dia	Ø16mm
Chasis max. Thickness	3,5mm



3 Pin T Type Screw Connection Field Assembly

Connector



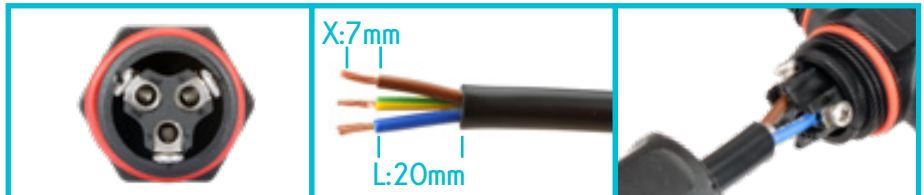
3 pin
250 VAC
20A

WPT Series

CE EN 60309-1
EN 60695-2
EN 61984-2009



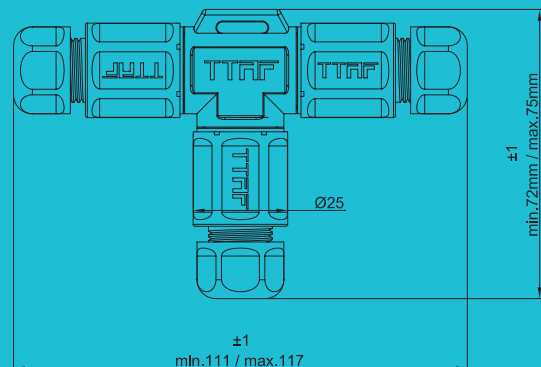
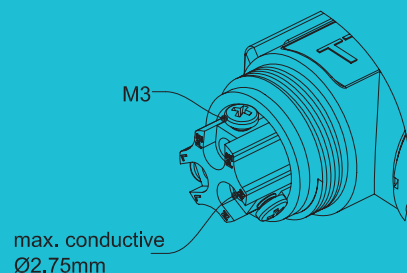
GONTUANA
Waterproof Connector Series



Technical Specifications

Product Code WPT-0303M20

Number of Poles	3
Voltage Rating	250VAC max.
Current Rating	20A max.
Cable Cross Section Area	0,5mm ² ~ 2,5mm ²
Durability Voltage	1500VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	10 mΩ max.
Min Wire Size OD	6mm
Max Wire Size OD	10mm
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone



6 Pin Power I Type Screw Connection Field Assembly

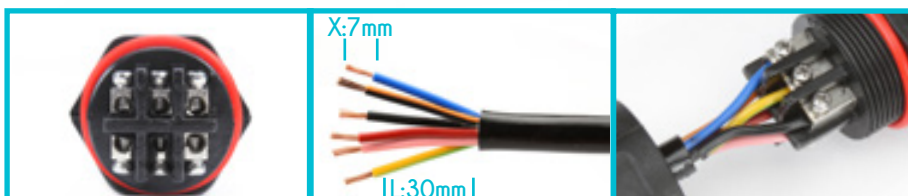
Connector

WPI Series

6 pin
250 VAC
25A



GONTUANA®
Waterproof Connector Series

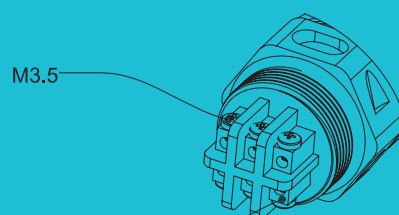


Technical Specifications

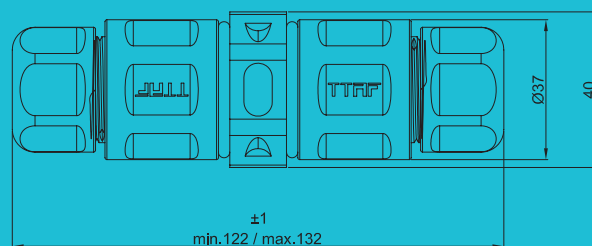
Product Code

WPI-0602M25

Number of Poles	6
Voltage Rating	250VAC max.
Current Rating	25A max.
Cable Cross Section Area	0,75mm ² ~ 4mm ²
Durability Voltage	1500VAC@60s.
Insulation Structure	1000 MΩ at 1000VDC
Contact Resistance	1 mΩ max.
Min Wire Size OD	10mm
Max Wire Size OD	14mm
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone



max. conductive
Ø3.5mm



3 Power + 6 Data I Type Screw Connection Field Assembly

Connector

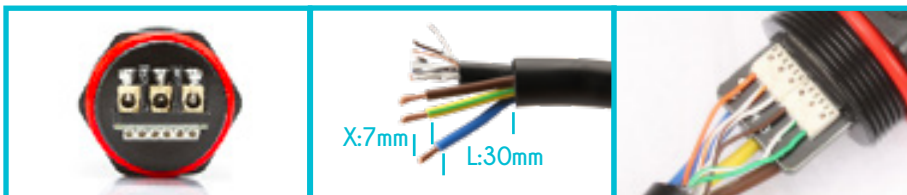
WPI Series

3 Power + 6 Data
250 VAC Power, 50 VDC Data
25A Power + 1A Data



Cable Code : KBL-9144

GONTUANA®
Waterproof Connector Series



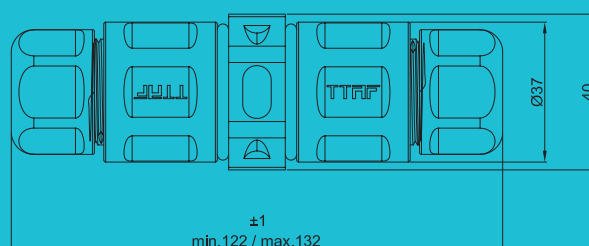
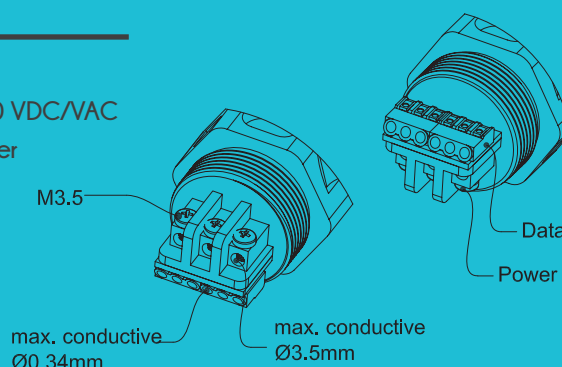
Technical Specifications

Number of Poles
Voltage Rating
Current Rating
Cable Cross Section Area
Durability Voltage
Insulation Structure
Contact Resistance
Min Wire Size OD
Max Wire Size OD
Temperature Rating
IP Class
Mold Material
Contact/Terminal Material
Seal Material

Product Code

WPI-3602M25

3 Power + 6 Data
Power: 250VAC max. + Data: 50 VDC/VAC
Power: 25A max. + Data: 1 Amper
Power: 2.5mm² - Data: 0.2mm²
1500VAC@60s.
1000 MΩ at 1000VDC
1 mΩ max.
10mm
14mm
-40°C ~ +85°C
IP68 (10m / 60min)
PA6
Nickel-Plated Brass
Silicon



Electrical Splitter

2 pin
250 VAC
20A



1x3
1in 3 out

2 Pin



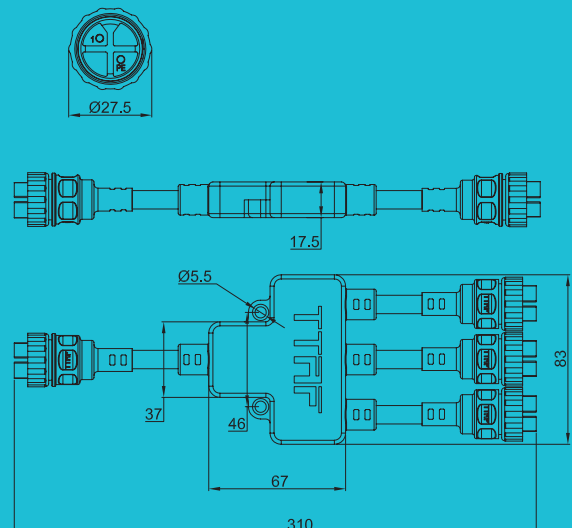
FOBOS®
Waterproof Electrical Splitter Series



Technical Specifications

Product Code WPS-0204N20F

Number of Poles	2
Voltage Rating	250VAC max.
Current Rating	20A max.
Durability Voltage	3000VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	30 mΩ max.
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone



Electrical Splitter

IP68
10m / 60min

3 pin
250 VAC
20A

3 Pin



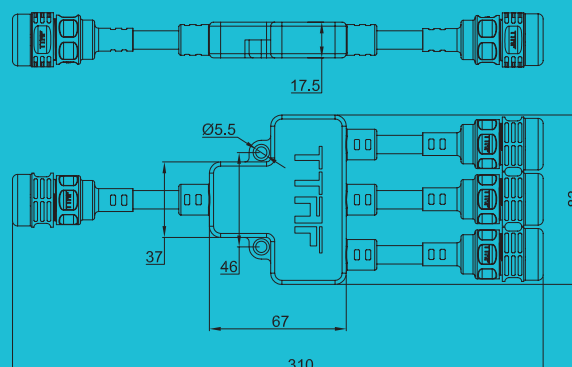
FOBOS®

Waterproof Electrical Splitter Series



Product Code
WPS-0304N20M

Number of Poles	3
Voltage Rating	250VAC max.
Current Rating	20A max.
Durability Voltage	3000VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	30 mΩ max.
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone



6 Pin Power T Type Screw Connection Field Assembly

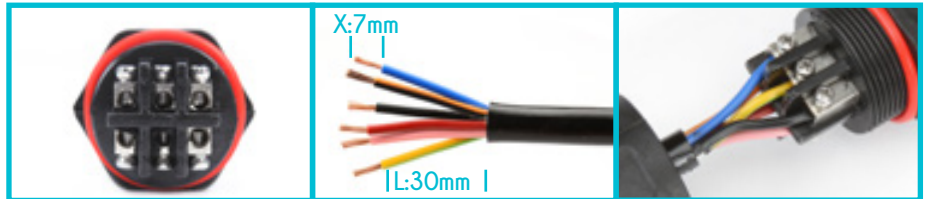
Connector

WPT Series

6 pin
250 VAC
25A



GONTUANA®
Waterproof Connector Series

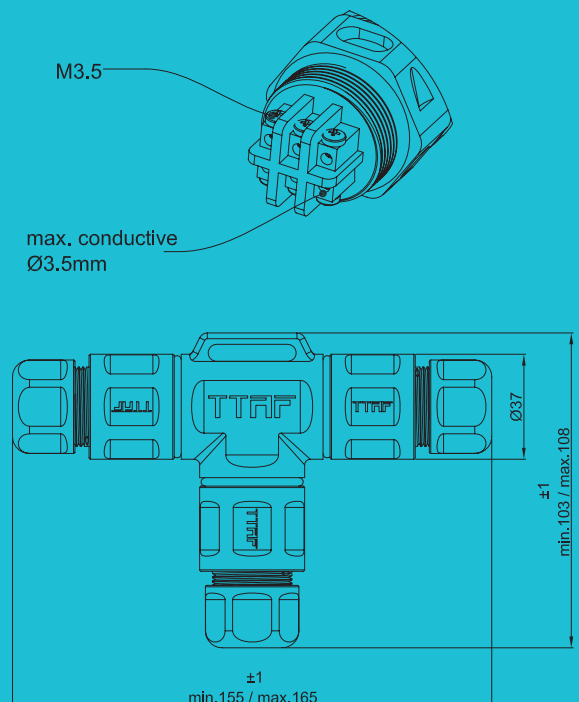


Technical Specifications

Number of Poles	6
Voltage Rating	250VAC max.
Current Rating	25A max.
Cable Cross Section Area	0,75mm ² ~ 4mm ²
Durability Voltage	1500VAC@60s.
Insulation Structure	1000 MΩ at 1000VDC
Contact Resistance	10 mΩ max.
Min Wire Size OD	10mm
Max Wire Size OD	14mm
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone

Product Code

WPT-0603M25



Electrical Splitter

2 pin
250 VAC
20A

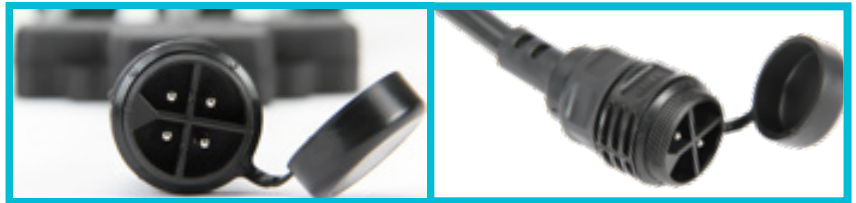


1x3
1in 3 out

2 Pin



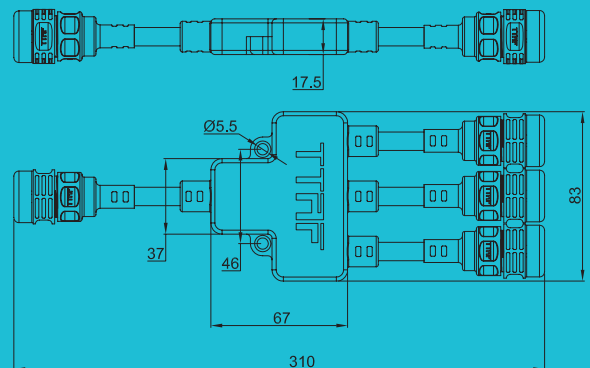
FOBOS
Waterproof Electrical Splitter Series



Technical Specifications

Product Code
WPS-0204N20M

Number of Poles	2
Voltage Rating	250VAC max.
Current Rating	20A max.
Durability Voltage	3000VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	30 mΩ max.
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone



Electrical Splitter

3 pin
250 VAC
20A



1x3
1in 3 out

3 Pin



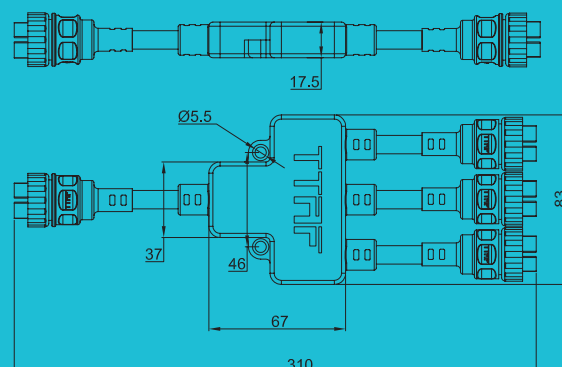
FOBOS®
Waterproof Electrical Splitter Series



Technical Specifications

Product Code
WPS-0304N20F

Number of Poles	3
Voltage Rating	250VAC max.
Current Rating	20A max.
Durability Voltage	3000VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	30 mΩ max.
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone



Electrical Splitter

4 pin
250 VAC
20A



1x3
1in 3 out

4 Pin



FOBOS®
Waterproof Electrical Splitter Series

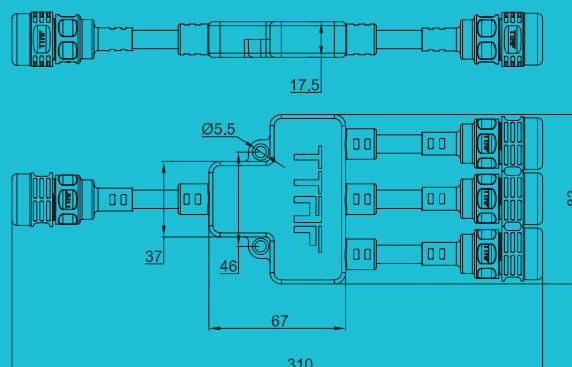


Technical Specifications

Number of Poles
Voltage Rating
Current Rating
Durability Voltage
Insulation Structure
Contact Resistance
Temperature Rating
IP Class
Mold Material
Contact/Terminal Material
Seal Material

Product Code WPS-0404N20M

4
250VAC max.
20A max.
3000VAC@60s.
500 MΩ at 500VDC
30 mΩ max.
-40°C ~ +85°C
IP68 (10m / 60min)
PA6
Nickel-Plated Brass
Silicone



4 Pin Female Pluggable Field Assembly 1in 3 out

WPS Series

Electrical Splitter

4 pin
250 VAC
20A



1x3
1in 3 out

4 Pin



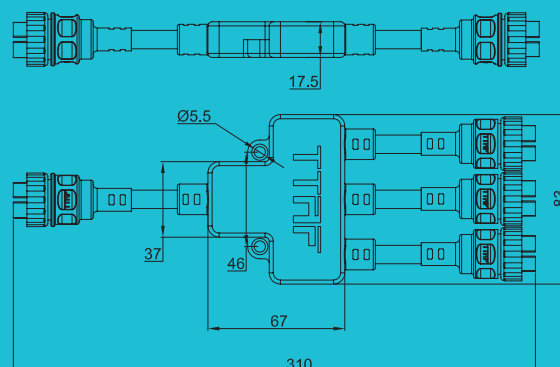
FOBOS®
Waterproof Electrical Splitter Series



Technical Specifications

Product Code
WPS-0404N20F

Number of Poles	4
Voltage Rating	250VAC max.
Current Rating	20A max.
Durability Voltage	3000VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Contact Resistance	30 mΩ max.
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone



3 Pin Screw Connection Field Assembly 1in 3 out

WPA Series

Electrical Splitter

3 pin
250 VAC
20A



1x3
1in 3 out

3 Pin



FOBOS®
Waterproof Electrical Splitter Series



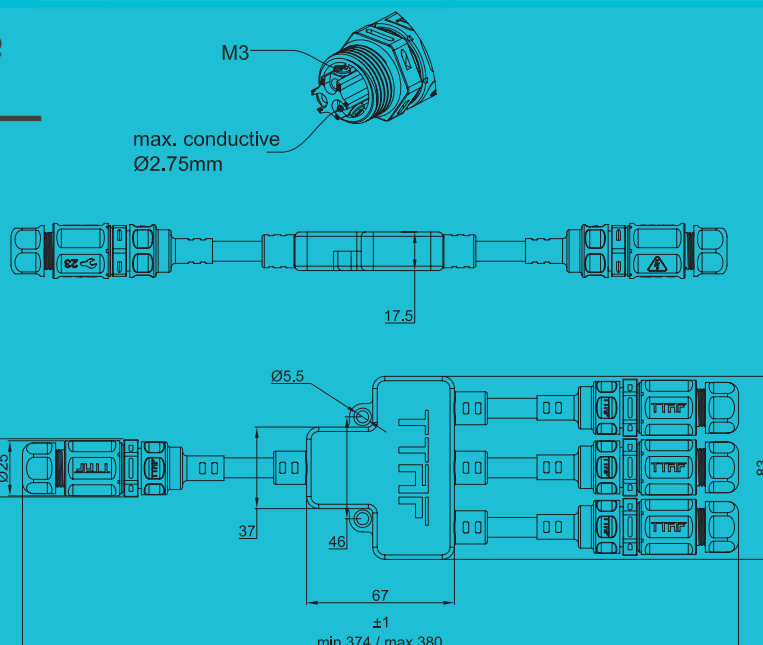
Technical Specifications

Number of Poles
Voltage Rating
Current Rating
Cable Cross Section Area
Durability Voltage
Insulation Structure
Contact Resistance
Min Wire Size OD
Max Wire Size OD
Temperature Rating
IP Class
Mold Material
Contact/Terminal Material
Seal Material

Product Code

WPA-0304N20

3
250VAC max.
20A max.
0,5mm² ~ 2,5mm²
1000VAC@60s.
500 MΩ at 500VDC
10 mΩ max
6mm
10mm
-40°C ~ +85°C
IP68 (10m / 60min)
PA6
Nickel-Plated Brass
Silicone



3 Pin Screw Connection Field Assembly 1in 5 out

WPA Series

Electrical Splitter

3 pin
250 VAC
20A



1x5
1in 5 out

3 Pin



FOBOS®
Waterproof Electrical Splitter Series

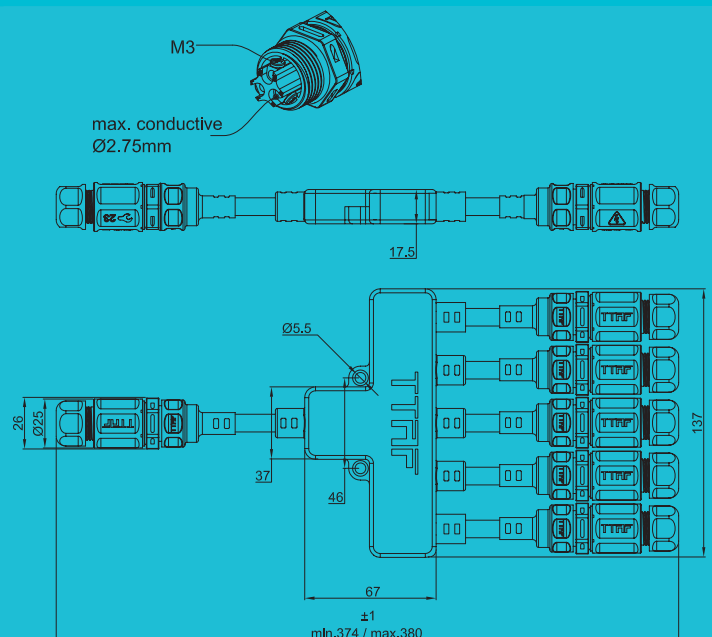


Technical Specifications

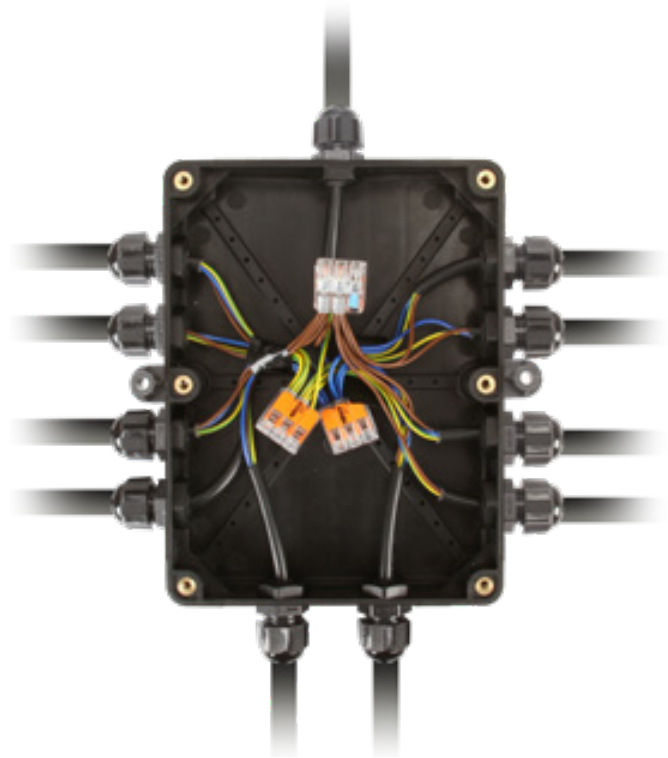
Product Code

WPA-0306N20

Number of Poles	3
Voltage Rating	250VAC max.
Current Rating	20A max.
Cable Cross Section Area	0,5mm ² ~ 2,5mm ²
Durability Voltage	1000VAC@60s.
Insulation Structure	500 MΩ at 500VDC
Min Wire Size OD	6mm
Max Wire Size OD	10mm
Temperature Rating	-40°C ~ +85°C
IP Class	IP68 (10m / 60min)
Mold Material	PA6
Contact/Terminal Material	Nickel-Plated Brass
Seal Material	Silicone



Electrical Splitter



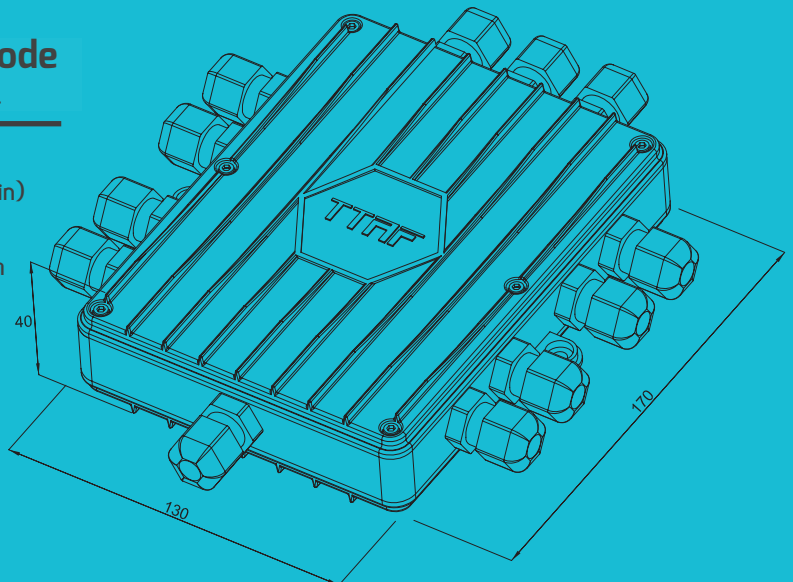
Technical Specifications

Temperature Rating
IP Class
Mold Material
Dimensions
Cable Gland Max Diameter

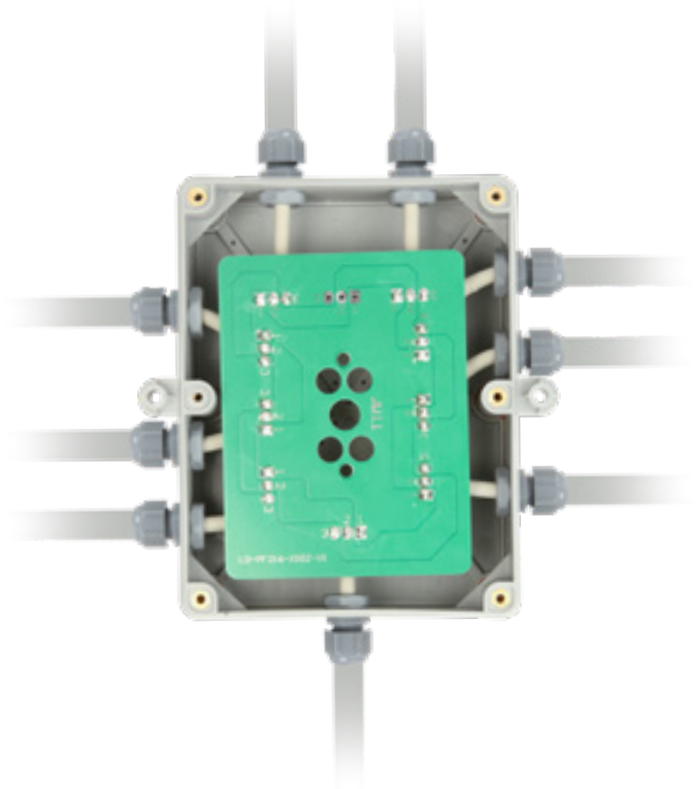
Product Code

WP BOX-04

-40°C ~ +85°C
IP68 (2m / 60min)
ABS, PP
170x130x40mm
14mm



Electrical Splitter



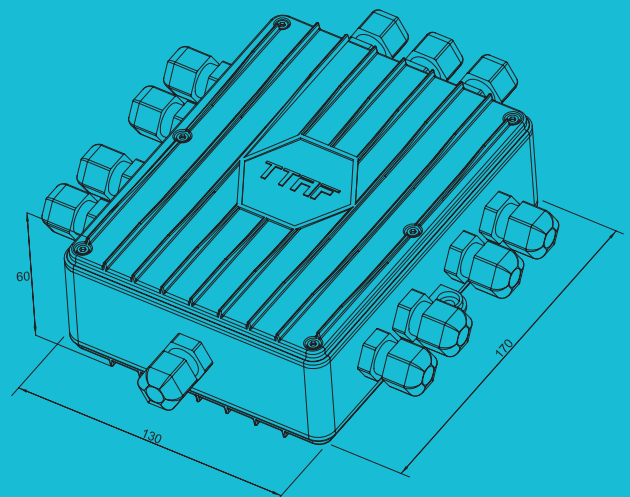
Technical Specifications

Temperature Rating
IP Class
Mold Material
Dimensions
Cable Gland Max Diameter

Product Code

WP BOX-05

-40°C ~ +85°C
IP68 (2m / 60min)
ABS, PP
170x130x60mm
14mm



Cable Joiner



IPJ50 is a cable jointer with IP68 sealing feature when it is closed and **inner diameter of 50mm**.

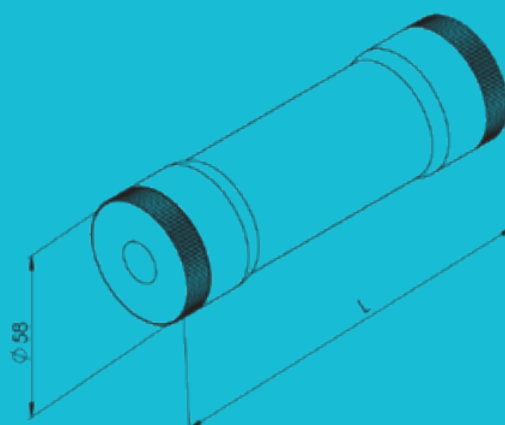
You can connect two cables with any connector without sealing feature inside IPJ50. There is no need for a chemical as in case of equivalent connectors.



Product Code	Cable Gland Size	Length (L) mm	Handtool Size	Cable OD Ømin-max mm
IPJ50-3	M 12 x 1,5	204	14	3 - 6,5
IPJ50-4	M 16 x 1,5	206	17 - 18	4 - 8
IPJ50-6	M 20 x 1,5	213	22	6 - 12
IPJ50-10	M 25 x 1,5	216	24 - 27	10 - 14
IPJ50-13	M 32 x 1,5	223	30 - 34	13 - 18
IPJ50-18	M 40 x 1,5	236	40 - 43	18 - 25

Technical Specifications

Body Material	Cast Polyamide
IP Class	IP68
Operating Temperature	-40°C ~ +100°C
Inner Diameter	50mm
Sealing Ring	Silicone
Outer Diameter	58mm
Cap nut & Gland Body	Brass With Nickel Plated
Clamping Insert	PA6 V2
Gland Sealing Ring	TPV
Gland O-ring	NBR



Cable Jointer



IPJ24 is a cable jointer with IP68 sealing feature when it is closed and **inner diameter of 24mm**.

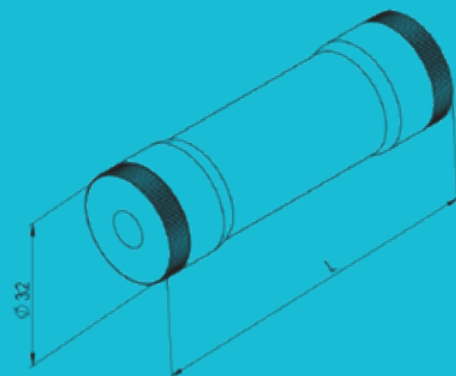
You can connect two cables with any connector without sealing feature inside IPJ24. There is no need for a chemical as in case of equivalent connectors.



Product Code	Cable Gland Size	Length (L) mm	Handtool Size	Cable OD Ømin-max mm
IPJ24-3	M 12 x 1,5	154	14	3 - 6,5
IPJ24-4	M 16 x 1,5	156	17 - 18	4 - 8
IPJ24-6	M 20 x 1,5	163	22	6 - 12

Technical Specifications

Body Material	Cast Polyamide
IP Class	IP68
Operating Temperature	-40°C ~ +100°C
Inner Diameter	24mm
Sealing Ring	Silicone
Outer Diameter	32mm
Cap nut & Gland Body	Brass With Nickel Plated
Clamping Insert	PA6 V2
Gland Sealing Ring	TPV
Gland O-ring	NBR

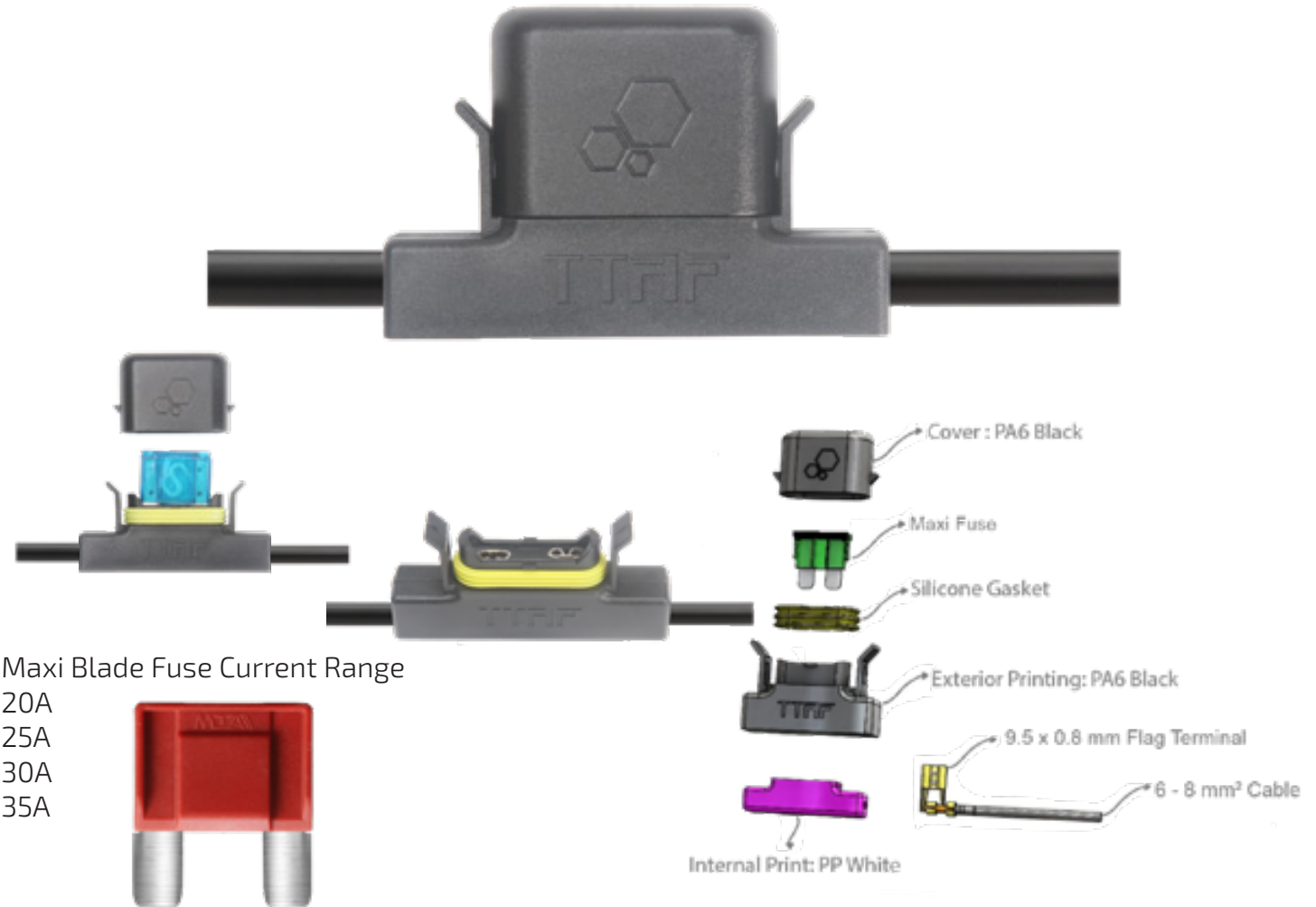


Maxi Blade Fuse Type



WFH-M overmolded ,heavy-duty & waterproof inline fuse holder for maxi blade fuses with protective cover for harsh environments.

20 to 35 amps. Supplied 6mm² (AWG10) cable

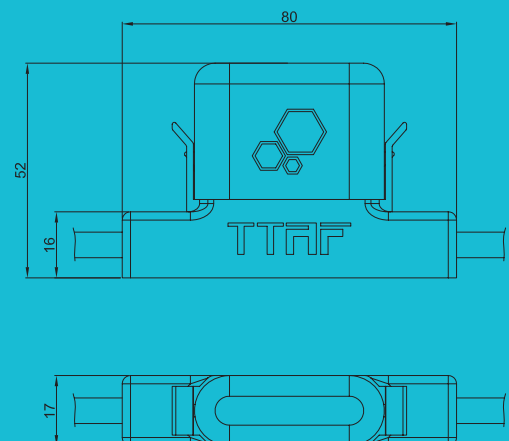


Maxi Blade Fuse Current Range

20A
25A
30A
35A

Technical Specifications

Body Material	PA6
IP Class	IP66
Operating Temperature	-40°C ~ +100°C
Contact Material	Brass With Nickel Plated
Sealing Ring	Silicone
Max. Current Range	35A

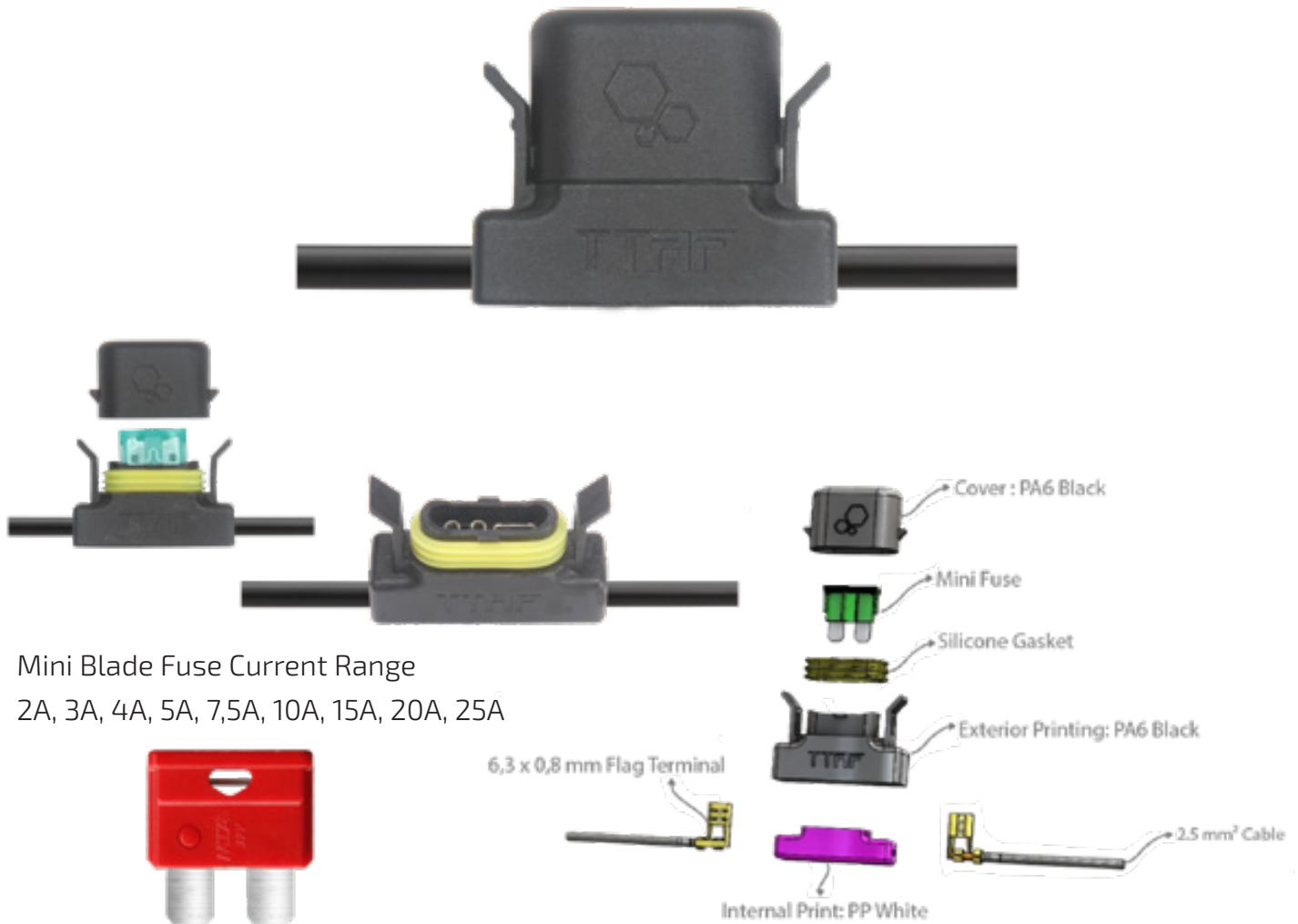


Mini Blade Fuse Type



WFH-K overmolded, heavy-duty & waterproof inline fuse holder for mini blade fuses with protective cover for harsh environments.

2 to 25 amps. Supplied 2.5mm² (AWG14) cable

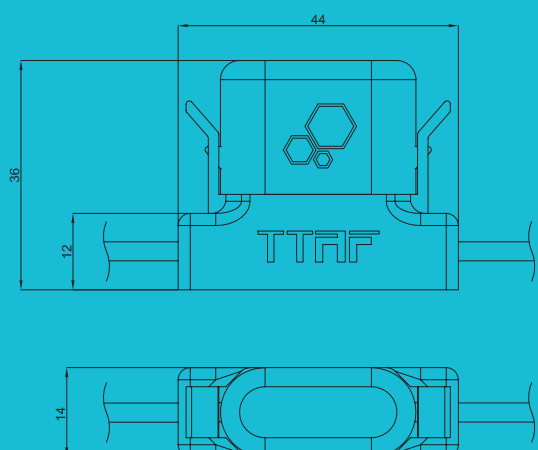


Mini Blade Fuse Current Range

2A, 3A, 4A, 5A, 7,5A, 10A, 15A, 20A, 25A

Technical Specifications

Body Material	PA6
IP Class	IP66
Operating Temperature	-40°C ~ +100°C
Contact Material	Brass With Nickel Plated
Sealing Ring	Silicone
Max. Current Range	25A



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