

## NEW CTCS-Accessories-SERIES (Compact Transportation Connection System)

**Dear customers,**

Please find attached an overview of our new connector accessories. These are Fixing Sliders and Backshells that are perfectly matched to the connector. In the course of the year, the accessories will be supplemented with protection caps.

### General Information

- Useable for Aptiv SP and XP Series
- 5 Groups for different connector sizes (2-18 pins)
- Offered in non-VO and VO material (passenger transportation)
- Simple installation by hand
- Products are marked to avoid any mix-up
- Installed in cab, chassis, engine compartments and on-engine applications
- Vibration resistant
- -40 to +140°C



## NEW CTCS-Accessories-SERIES (Compact Transportation Connection System)

### Fixing Slider

#### Features & Benefits

- Color coding for Panel Thickness:  
- red (2.5 mm), yellow (3.0 mm), grey (1.5 mm and 3.5mm)
- Panel thickness is marked on the slider
- Permanent fixation of the connectors in the mounting hole by using the slider



UNS	GLOBAL PART Name	Material	Colour	Panel Thickness (Metric)	Group	DPN
151-02305	Fixing slider 3.0mm Group B-PBTGF30-YE	Polypropylene, glass-fibre reinforced (PPGF30%)	Yellow (YE)	3.0 mm	B	33347319
151-02306	Fixing slider 3.5mm Group B-PBTGF30-GY	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Grey (GY)	3.5 mm	B	33308603
151-02309	Fixing slider 2.5mm Group B-PBTGF30-RD	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Red (RD)	2.5 mm	B	33347318
151-02379	Fixing slider 3.5mm Group C-PBTGF30-GY	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Grey (GY)	3.5 mm	C	33344871
151-02371	Fixing slider 2.5mm Group C-PBTGF30-RD	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Red (RD)	2.5 mm	C	33344869
151-02375	Fixing slider 3.0mm Group C-PBTGF30-YE	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Yellow (YE)	3.0 mm	C	33344870
151-02382	Fixing slider 1.0mm Group D-PBTGF30-NA	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Natural (NA)	1.0 mm	D	33350093
151-02386	Fixing slider 1.5mm Group D-PBTGF30-GY	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Grey (GY)	1.5 mm	D	33350096
151-02390	Fixing slider 2.5mm Group D-PBTGF30-RD	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Red (RD)	2.5 mm	D	33350042
151-02394	Fixing slider 3.0mm Group D-PBTGF30-YE	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Yellow (YE)	3.0 mm	D	33350046

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### Fixing Slider Non-VO Material

UNS	GLOBAL PART Name	Material	Colour	Panel Thickness (Metric)	Group	DPN
151-02404	Fixing slider 1.5mm Group E-PBTGF30-GY	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Grey (GY)	1.5 mm	E	33348137
151-02408	Fixing slider 2.5mm Group E-PBTGF30-RD	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Red (RD)	2.5 mm	E	33348133
151-02412	Fixing slider 3.0mm Group E-PBTGF30-YE	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Yellow (YE)	3.0 mm	E	33348135
151-02416	Fixing slider 3.5mm Group E-PBTGF30-GY	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Grey (GY)	3.5 mm	E	33348136
151-02345	Fixing slider 2.5mm Group A-PBTGF30-RD	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Red (RD)	2.5 mm	A	33344019
151-02349	Fixing slider 3.0mm Group A-PBTGF30-YE	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Yellow (YE)	3.0 mm	A	33344602
151-02353	Fixing slider 3.5mm Group A-PBTGF30-GY	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Grey (GY)	3.5 mm	A	33344600

### Fixing Slider VO Material

UNS	GLOBAL PART Name	Material	Colour	Panel Thickness (Metric)	Group	DPN
151-02304	Fixing slider 3.0mm Group B VO-PBTGF30-YE	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Yellow (YE)	3.0 mm	B	33308602
151-02344	Fixing slider 2.5mm Group A VO-PBTGF30-RD	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Red (RD)	2.5 mm	A	33329558
151-02308	Fixing slider 2.5mm Group B VO FR17-PBTGF30-RD	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Red (RD)	2.5 mm	B	33308600
151-02348	Fixing slider 3.0mm Group A VO-PBTGF30-YE	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Yellow (YE)	3.0 mm	A	33329560
151-02352	Fixing slider 3.5mm Group A VO-PBTGF30-GY	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Grey (GY)	3.5 mm	C	33329561
151-02378	Fixing slider 3.5mm Group C VO-PBTGF30-GY	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Grey (GY)	3.5 mm	C	33341423
151-02307	Fixing slider 3.5mm Group B VO-PBTGF30-GY	Polybutylene Terephthalate glass-fibre reinforced (PBTGF30%)	Grey (GY)	3.5 mm	B	33347321

## NEW CTCS-Accessories-SERIES (Compact Transportation Connection System)

### Backshells

#### Features & Benefits

- Strain relief for corrugated Tubes
- available angles 90° and 180°
- Group B – available for different conduits diameter 7.5 / 8.5 / 10.0
- Four shrouded locks
- Strapping points fully integrated with cover for maximum retention of harness



Backshell 90°



Backshell 180°

### Backshells Non-VO Material

UNS	GLOBAL PART Name	Material	Colour	NW Ø	Group	DPN
151-02324	Backshell 180 deg NW10 B-PA66/PA6-BK	Polyamide 6.6 (PA66);Polyamide 6 (PA6)	Black (BK)	10.0	B	33329558
151-02328	Backshell 180 deg NW8.5 B-PA66/PA6-BK	Polyamide 6.6 (PA66);Polyamide 6 (PA6)	Black (BK)	8.5	B	33347502
151-02332	Backshell 180 deg NW7.5 B-PA66/PA6-BK	Polyamide 6.6 (PA66);Polyamide 6 (PA6)	Black (BK)	7.5	B	33347499
151-02341	Backshell 180 A-PA66HS-BK	Polyamide 6.6, heat stabilised (PA66HS)	Black (BK)	8.5	A	33344598
151-02367	Backshell 180 C-PA66HS-BK	Polyamide 6.6, heat stabilised (PA66HS)	Black (BK)	13.0	C	33344881
151-02398	Backshell 180 E-PA66HS-BK	Polyamide 6.6, heat stabilised (PA66HS)	Black (BK)	17.0	E	33348058
151-02765	Backshell 90 D-PA66HS-BK	Polyamide 6.6, heat stabilised (PA66HS)	Black (BK)	13.0	D	33349716
151-02769	Backshell 90 C-PA66HS-BK	Polyamide 6.6, heat stabilised (PA66HS)	Black (BK)	13.0	C	33344882
151-02773	Backshell 90 E-PA66HS-BK	Polyamide 6.6, heat stabilised (PA66HS)	Black (BK)	17.0	E	33348055
151-02777	Backshell 90 A-PA66HS-BK	Polyamide 6.6, heat stabilised (PA66HS)	Black (BK)	8.5	A	33344597
151-02781	Backshell 90 B 7.5-PA66HS-BK	Polyamide 6.6, heat stabilised (PA66HS)	Black (BK)	7.5	B	33347494
151-02785	Backshell 90 B 8.5-PA66HS-BK	Polyamide 6.6, heat stabilised (PA66HS)	Black (BK)	8.5	B	33347498
151-02788	Backshell 90B10FR30-PA66/PA6FR-BK	Polyamide 6.6 (PA66);Polyamide 6, flame retardant (PA6FR)	Black (BK)	10.0	B	33309878
151-02789	Backshell 90 B 10-PA66HS-BK	Polyamide 6.6, heat stabilised (PA66HS)	Black (BK)	10.0	B	33346482
151-02445	Backshell 180 deg D-PA66-BK	Polyamide 6.6 (PA66)	Black (BK)	13.0	D	33349715
151-02776	Backshell 90 A FR30-PA66/PA6FR-BK	Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)	Black (BK)	8.5	A	

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UNS	Global Part Name	Material	Colour	NW Ø	Group	DPN
151-02780	Backshell90B7.5FR30-PA66/PA6FR-BK	Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)	Black (BK)	7.5	B	33309876
151-02784	Backshell90B8.5FR30-PA66/PA6FR-BK	Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)	Black (BK)	8.5	B	33309877
151-02768	Backshell 90 C FR30-PA66/PA6FR-BK	Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)	Black (BK)	13.0	C	33341421
151-02772	Backshell 90 E FR30-PA66/PA6FR-BK	Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)	Black (BK)	17.0	E	33342229

### Backshells VO Material

UNS	Global Part Name	Material	Colour	NW Ø	Group	DPN
151-02323	Backshell 180 deg NW10 B VO-PA66/PA6FR-BK	Polyamide 6.6 (PA66);Polyamide 6, flame retardant (PA6FR)	Black (BK)	10.0	B	33309879
151-02340	Backshell 180 A VO-PA66/PA6FR-BK	Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)	Black (BK)	8.5	A	33248838
151-02366	Backshell 180 C VO-PA66/PA6FR-BK	Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)	Black (BK)	13.0	C	33283430
151-02366	Backshell 180 C VO-PA66/PA6FR-BK	Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)	Black (BK)	13.0	C	33283430
151-02399	Backshell 180 E VO-PA66/PA6FR-BK	Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)	Black (BK)	17.0	E	33283431
151-02331	Backshell 180 deg NW7.5 B VO-PA66/PA6FR-BK	Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)	Black (BK)	7.5	B	33309872
151-02327	Backshell 180 deg NW8.5 B VO-PA66/PA6FR-BK	"Polyamide 6.6 (PA66) Polyamide 6, flame retardant (PA6FR)"	Black (BK)	8.5	B	33309880