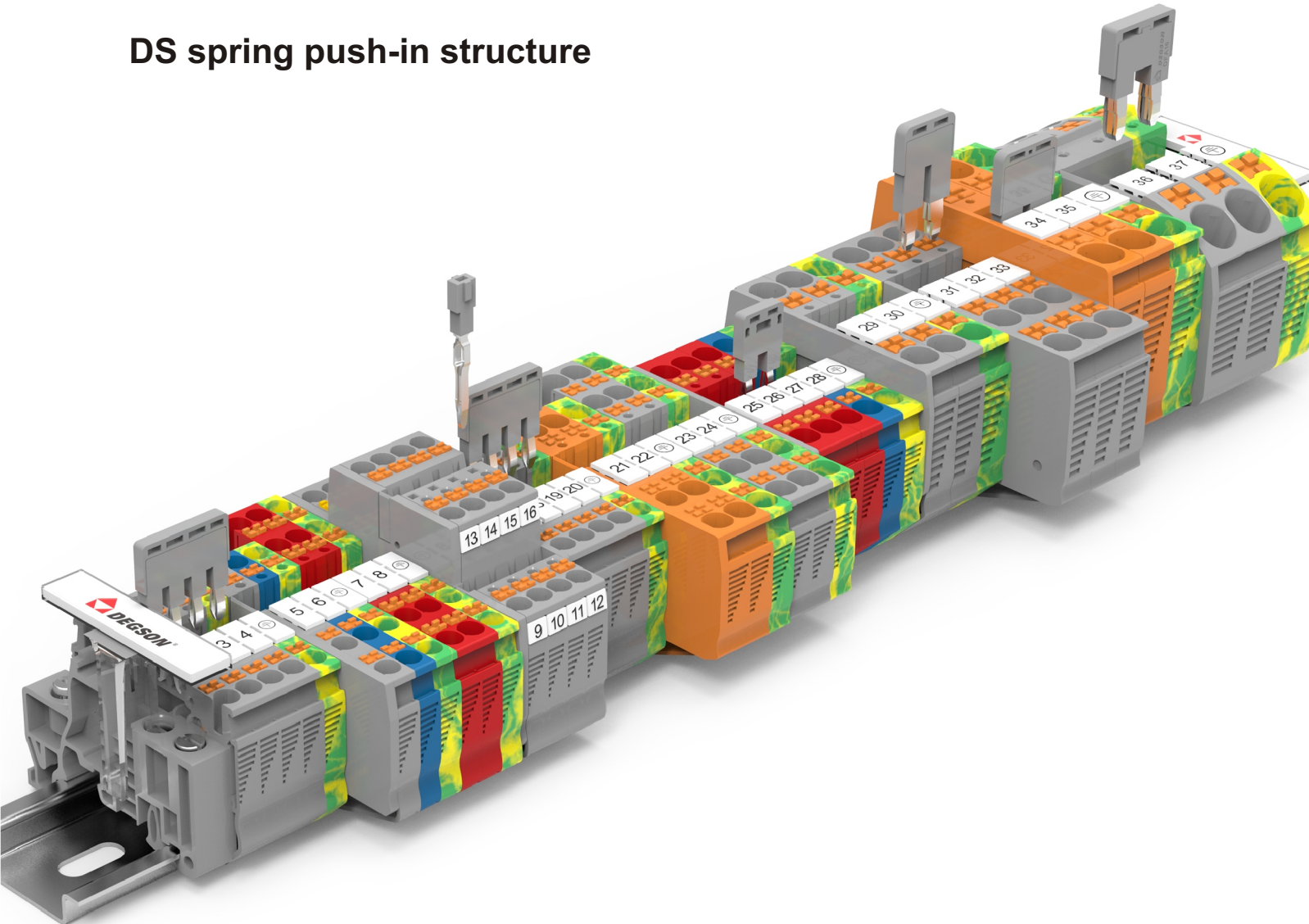
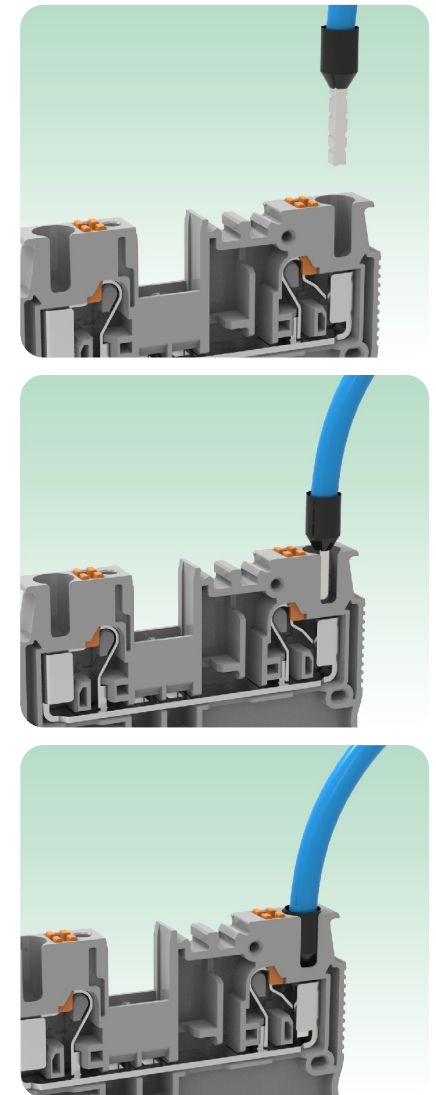
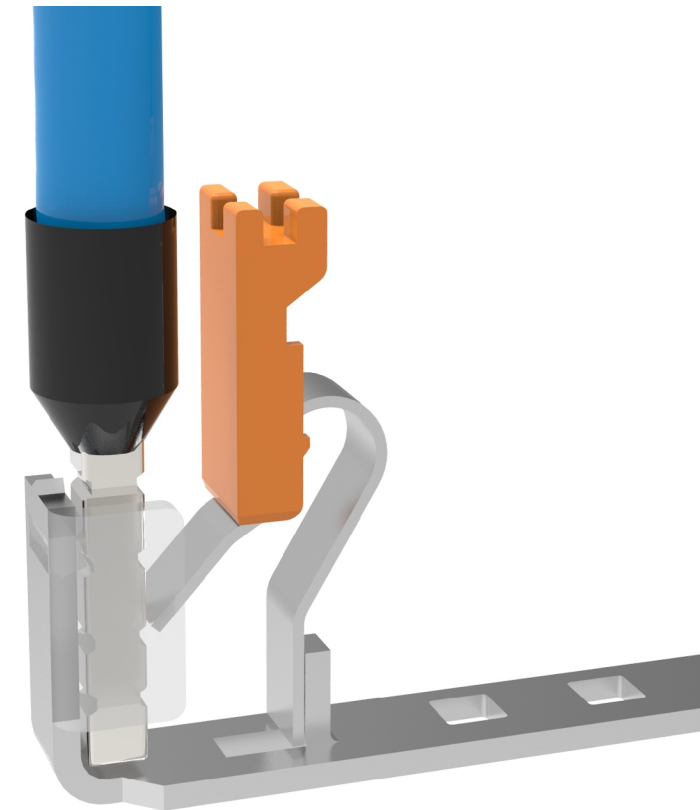


## DS spring push-in structure



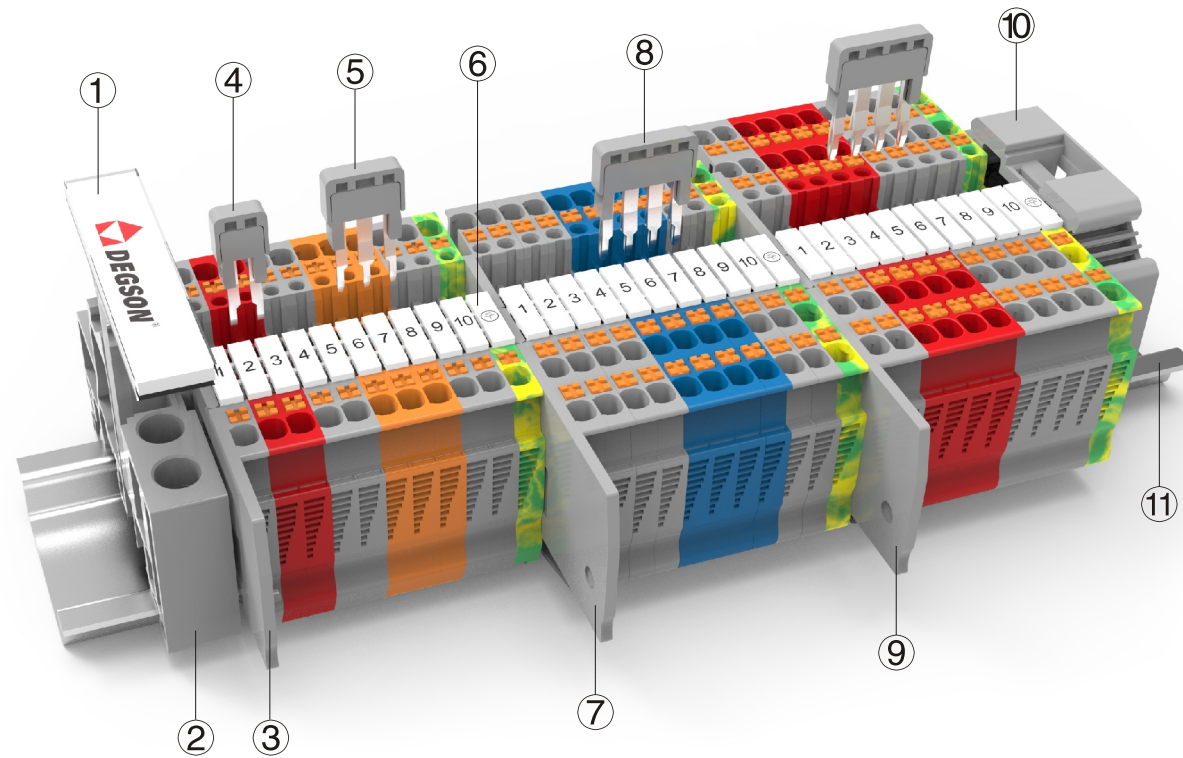
### Feature

- Push-in connection technology, tool-free operation, more convenient and fast.
- With orange buttons, use slotted screw or Philip's screw can release the wire.
- Double channel for bridging can make circuit connection test more flexible.
- Unique pluggable jumper, high circuit connection efficiency.
- Optional marker to avoid wire mis-inserting.
- Equipped with test holes for easy test circuit.

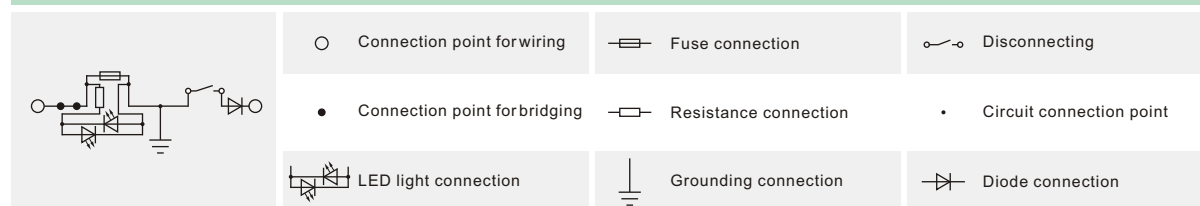


DS push-in connection technology terminal block, imported stainless steel spring, unique production process can ensure excellent resilience and vibration resistance of the wiring. High-precision copper alloy conductors provide the lowest temperature rise, ensuring reliable and safe connections. PA66 plastic parts can meet the working environment of -40°C to 105°C, and all DS series of din rail products are in line with UL94 V0 flame retardant grade.

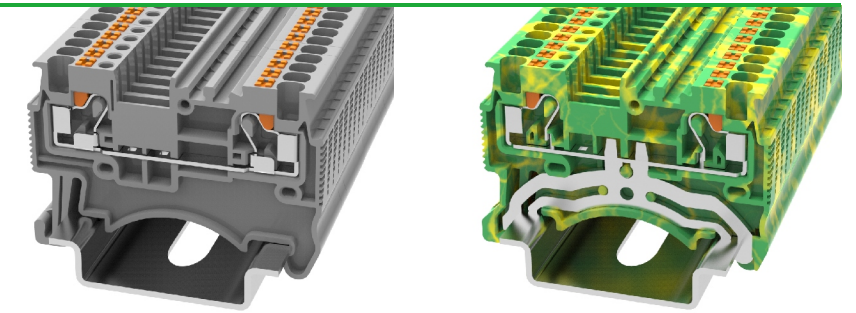
The push-in spring structure design greatly improves the connection efficiency. Solid wire or stranded wire processed by terminals can be inserted directly without tools.



Description	Part No.	Remark
① Terminalstrip marker carrier	DLM2-01P-17-00A(H)	Suitable for E-PC, use for marking
② End stopper	E-PC-01P-11-1000A(H)	Fixing products on NS35 DIN rail
③ End cover	D-DS1.5-01P-11-00A(H)	End cover is used for DS1.5&DS1.5-PE
④ Plug-in bridge	DFB1.5-02P-11-00A(H)	02P bridge, use for DS1.5 series
⑤ Plug-in bridge	DFB1.5-03P-11-00A(H)	03P bridge, use for DS1.5 series
⑥ Marker	ZB3.5-10P-19-00A(H)	Marker is used for the top of DS1.5 series
⑦ End cover	D-DS1.5-TW-01P-11-00A(H)	End cover is used for DS1.5-TW&DS1.5-TW-PE
⑧ Plug-in bridge	DFB1.5-04P-11-00A(H)	04P bridge, use for DS1.5 series
⑨ End cover	D-DS1.5-QU-01P-11-00A(H)	End cover is used for DS1.5-QU&DS1.5-QU-PE
⑩ End stopper	E-WS-01P-11-00A(H)	Fixing products on NS35 DIN rail
⑪ DIN rail	NS35/7.5-0150-00A(H)	NS35 DIN rail

**Circuit diagram**

**Push-in connection technology**

Feed-through, multi-conductor and ground terminal blocks


**DS 1.5**

**DS 1.5-PE**

Notes: For additional accessories and operating instruction, see page 03.

CE ENEC RoHS REACH

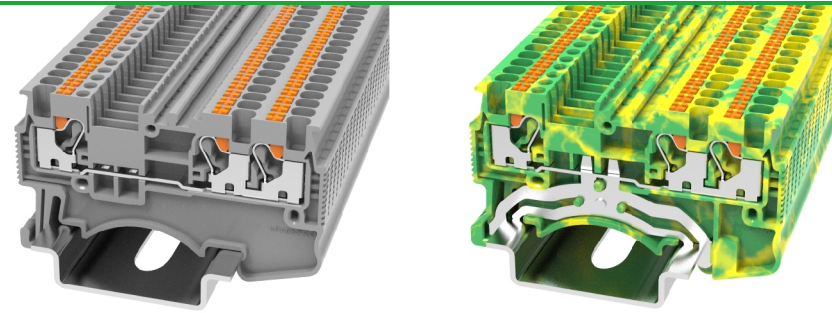
CE ENEC RoHS REACH

Dimension	DS 1.5				DS 1.5-PE			
	Width/Length/Height(NS35/7.5&NS35/15) mm		3.5/45/32.1(39.6)		Width/Length/Height(NS35/7.5&NS35/15) mm		3.5/45/32.1(39.6)	
Electrical Parameter	IEC IEC60947-7-1		UL UL1059		IEC IEC60947-7-2		UL UL1059	
	Rated voltage	V		500		300		/
Rated current	A		17.5		15		/	
Wire range	mm <sup>2</sup> /AWG		0.14-1.5		26-14		0.14-1.5 26-14	
Rated surge voltage/Degree of pollution	KV/-		6/3		6/3		6/3	
Overvoltage category/Insulation material group	-/-		III / I		III / I		III / I	
Connection capacity	Solid		Stranded		Ferrule (with and without plastic sleeve)		Solid	
	mm <sup>2</sup>		mm <sup>2</sup>		mm <sup>2</sup>		mm <sup>2</sup>	
1 conductor	mm <sup>2</sup>		0.14-1.5		0.14-1.5 0.15-1.5 0.14-0.5		0.14-1.5 0.14-1.5 0.15-1.5 0.14-0.5	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>		-		-		-	
General information								
Insulation material/Flammability rating(according to UL 94)	PA/V0				PA/V0			
Operation temperature	°C ( °F )		-40(-40)-105(221)		-40(-40)-105(221)		-40(-40)-105(221)	
Stripping length	mm		8-10		8-10		8-10	
Color	Gray ( customization demand is available )				Green-yellow			
Slotted screwdriver size (Blade thickness x Width) mm	0.4x2.5				0.4x2.5			
Accessories								
Plug-in bridge ( 2-10P )	DFB1.5				/			
End cover	D-DS1.5				D-DS1.5			
Marker ( Top )	ZB3.5				ZB3.5			
Marker ( Side )	/				/			
DIN rail	NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional )				NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional )			
End stopper	E-WS&E-PC&E-MK				E-WS&E-PC&E-MK			



Push-in connection technology

Feed-through, multi-conductor and ground terminal blocks


**DS 1.5-TW**

**DS 1.5-TW-PE**

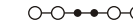
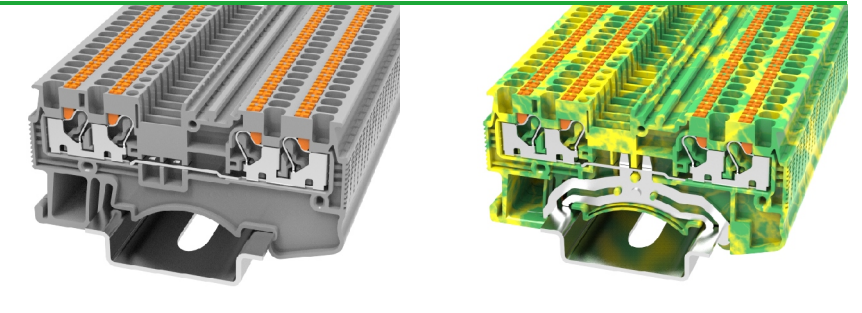
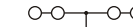
Notes: For additional accessories and operating instruction, see page 03.

**CE ENEC RoHS REACH**
**CE ENEC RoHS REACH**

Dimension		3.5/54/32.1(39.6)				3.5/54/32.1(39.6)			
Width/Length/Height(NS35/7.5&NS35/15) mm		3.5/54/32.1(39.6)				3.5/54/32.1(39.6)			
Electrical Parameter		IEC IEC60947-7-1		UL UL1059		IEC IEC60947-7-2		UL UL1059	
Rated voltage	V	500		300		/		/	
Rated current	A	17.5		15		/		/	
Wire range	mm <sup>2</sup> /AWG	0.14-1.5		26-14		0.14-1.5		26-14	
Rated surge voltage/Degree of pollution	KV/-	6/3				6/3			
Overvoltage category/Insulation material group	-/-	III / I				III / I			
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.14-1.5	0.14-1.5	0.14-1.5	0.14-0.5	0.14-1.5	0.14-1.5	0.14-1.5	0.14-0.5
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	—	—	—	—	—
General information		PA/V0				PA/V0			
Insulation material/Flammability rating(according to UL 94)		PA/V0				PA/V0			
Operation temperature	°C ( °F )	-40(-40)~105(221)				-40(-40)~105(221)			
Stripping length	mm	8-10				8-10			
Color		Gray ( customization demand is available )				Green-yellow			
Slotted screwdriver size (Blade thickness x Width) mm		0.4x2.5				0.4x2.5			
Accessories		DFB1.5				/			
Plug-in bridge ( 2-10P )		DFB1.5				/			
End cover		D-DS1.5-TW				D-DS1.5-TW			
Marker ( Top )		ZB3.5				ZB3.5			
Marker ( Side )		/				/			
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)				NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper		E-WS&E-PC&E-MK				E-WS&E-PC&E-MK			

Push-in connection technology

Feed-through, multi-conductor and ground terminal blocks

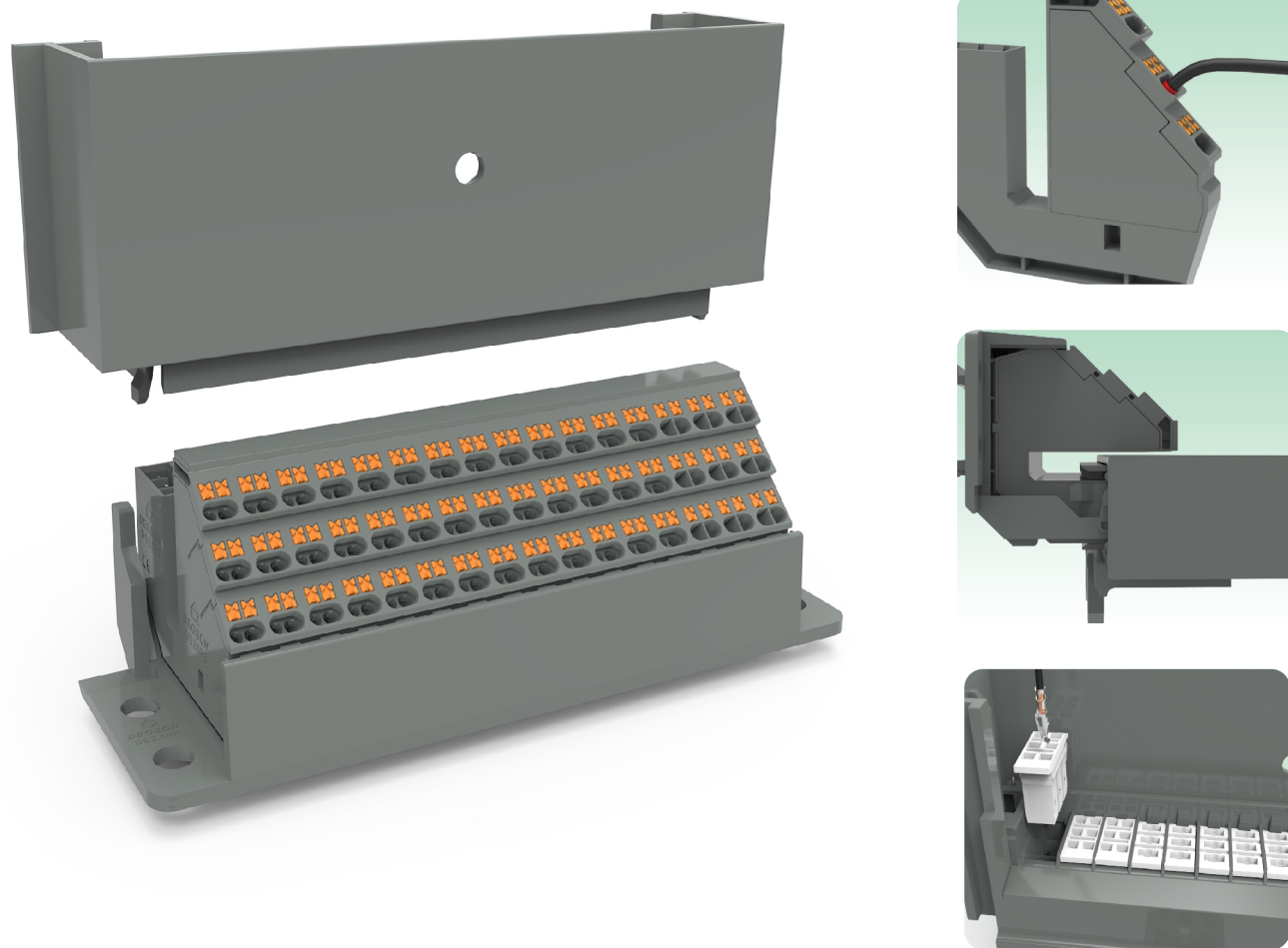

**DS 1.5-QU**

**DS 1.5-QU-PE**

Notes: For additional accessories and operating instruction, see page 03.

**CE ENEC RoHS REACH**
**CE ENEC RoHS REACH**

Dimension		3.5/63.2/32.1(39.6)				3.5/63.2/32.1(39.6)			
Width/Length/Height(NS35/7.5&NS35/15) mm		3.5/63.2/32.1(39.6)				3.5/63.2/32.1(39.6)			
Electrical Parameter		IEC IEC60947-7-1		UL UL1059		IEC IEC60947-7-2		UL UL1059	
Rated voltage	V	500		300		/		/	
Rated current	A	17.5		15		/		/	
Wire range	mm <sup>2</sup> /AWG	0.14-1.5		26-14		0.14-1.5		26-14	
Rated surge voltage/Degree of pollution	KV/-	6/3				6/3			
Overvoltage category/Insulation material group	-/-	III / I				III / I			
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.14-1.5	0.14-1.5	0.14-1.5	0.14-0.5	0.14-1.5	0.14-1.5	0.14-1.5	0.14-0.5
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	—	—	—	—	—
General information		PA/V0				PA/V0			
Insulation material/Flammability rating(according to UL 94)		PA/V0				PA/V0			
Operation temperature	°C ( °F )	-40(-40)~105(221)				-40(-40)~105(221)			
Stripping length	mm	8-10				8-10			
Color		Gray ( customization demand is available )				Green-yellow			
Slotted screwdriver size (Blade thickness x Width) mm		0.4x2.5				0.4x2.5			
Accessories		DFB1.5				/			
Plug-in bridge ( 2-10P )		DFB1.5				/			
End cover		D-DS1.5-QU				D-DS1.5-QU			
Marker ( Top )		ZB3.5				ZB3.5			
Marker ( Side )		/				/			
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)				NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper		E-WS&E-PC&E-MK				E-WS&E-PC&E-MK			

### Drawer Terminal Block

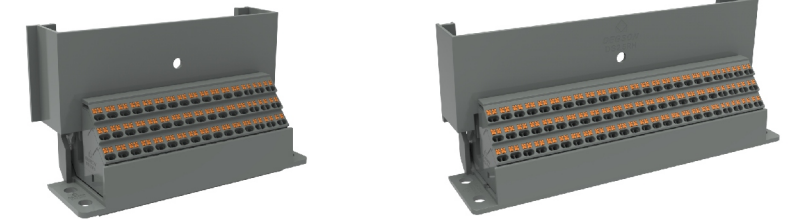


#### Feature

- Push-in connection technology, convenient and efficient connection.
- New and unique structure design , 45° input and 90° transfer, save installation space.
- Modular output structure, easy to operate.
- The main body and drawer base are assembled by modules splicing.
- Spring limit structure with independent innovation can make sure connection stability.
- 4 fixing holes on both sides.

### Push-in connection technology

### Drawer Terminal Block



Notes: For additional accessories and operating instruction, see page 07.

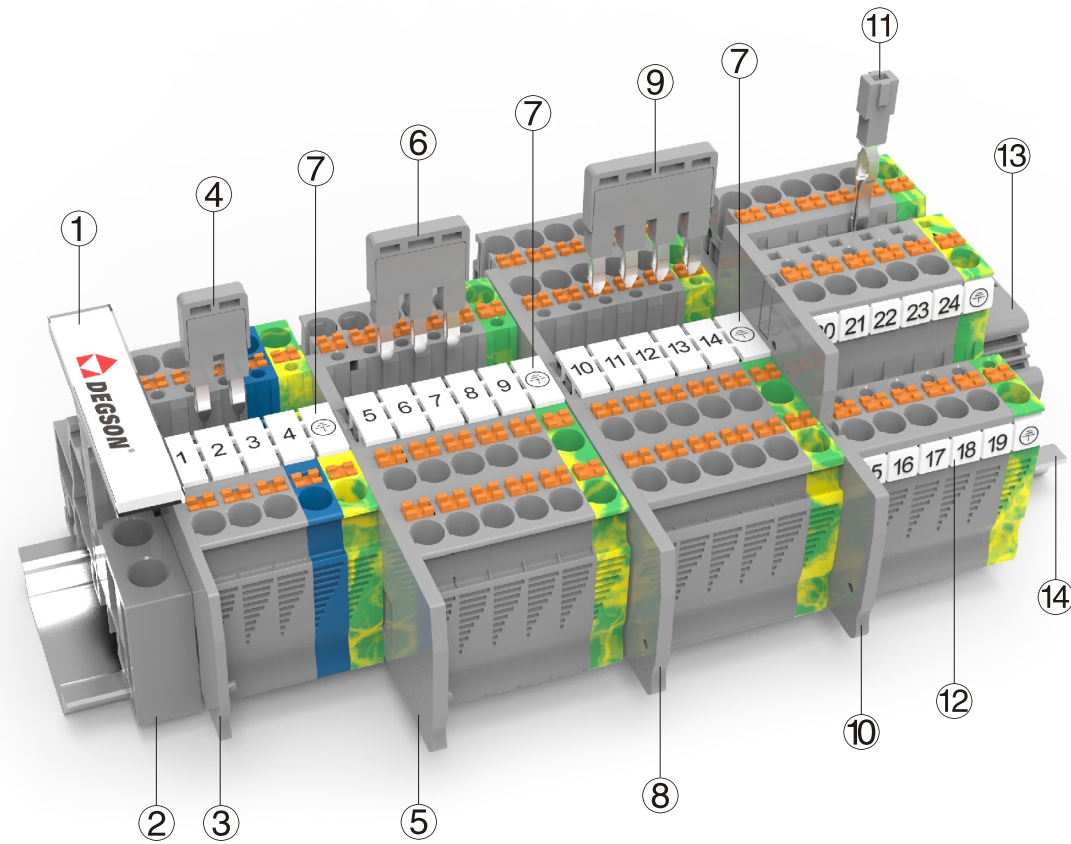
DS2.5PH-16P

DS2.5PH-24P

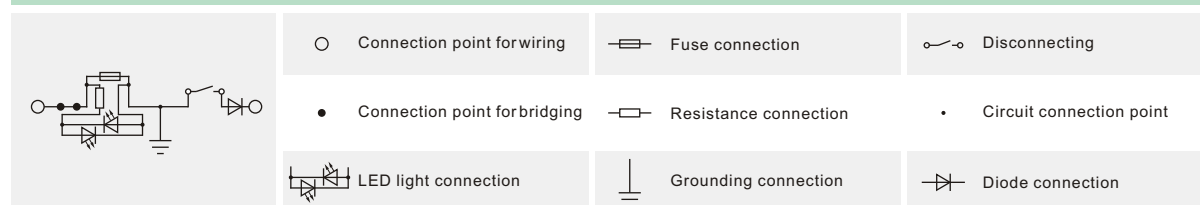
CE ENEC RoHS REACH

Dimension	DS2.5PH-16P				DS2.5PH-24P				
Pitch	mm				10&11				
Electrical Parameter	IEC61984				IEC61984				
Pollution degree	2	2	3	UL1059	2	2	3	UL1059	
Overvoltage category	II	III	III		II	III	III		
Rated voltage	V	630	320	250	300	630	320	250	300
Rated current	A	20		13	20		13		
Wire range	mm <sup>2</sup> /AWG	0.2-2.5		24-14	0.2-2.5		24-14		
Rated surge voltage	KV	4							
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.2-2.5	0.2-2.5	0.2-1.5	0.2-1.5	0.2-2.5	0.2-2.5	0.2-1.5	0.2-1.5
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	—	—	—	—	—
General information		PA/V0 PC/V2				PA/V0 PC/V2			
Insulation material/Flammability rating(according to UL 94)		-40(-40)~80(176)				-40(-40)~80(176)			
Operation temperature	°C ( °F )	14				14			
Stripping length	mm	Gray ( customization demand is available )				Gray ( customization demand is available )			
Color		0.6x3.5				0.6x3.5			
Slotted screwdriver size (Blade thickness x Width) mm		57				84			
loop number									

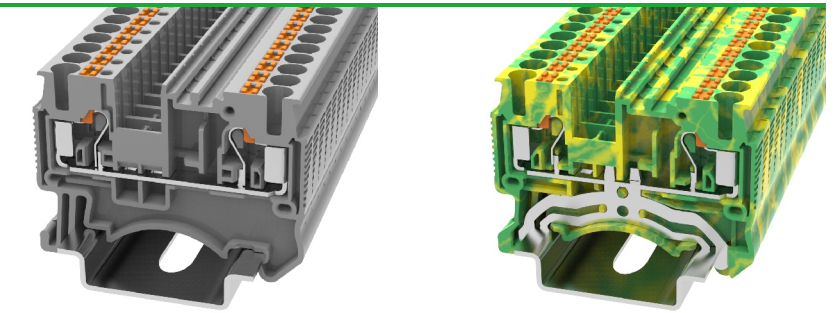




Description	Part No.	Remark
① Terminal strip marker carrier	DLM2-01P-17-00A(H)	Suitable for E-PC, use for marking
② End stopper	E-PC-01P-11-1000A(H)	Fixing products on NS35 DIN rail
③ End cover	D-DS2.5-01P-11-00A(H)	End cover is used for DS2.5&DS2.5-PE
④ Plug-in bridge	DFB2.5-02P-11-00A(H)	02P bridge, use for DS2.5 series
⑤ End cover	D-DS2.5-TW-01P-11-00A(H)	End cover is used for DS2.5-TW&DS2.5-TW-PE
⑥ Plug-in bridge	DFB2.5-03P-11-00A(H)	03P bridge, use for DS2.5 series
⑦ Marker	ZB5-10P-19-00A(H)	Marker is used for the top of DS2.5 series
⑧ End cover	D-DS2.5-QU-01P-11-00A(H)	End cover is used for DS2.5-QU&DS2.5-QU-PE
⑨ Plug-in bridge	DFB2.5-04P-11-00A(H)	04P bridge, use for DS2.5 series
⑩ End cover	D-DSKK2.5-01P-11-00A(H)	End cover is used for DSKK2.5&DSKK2.5-PE
⑪ Potential bridge	DPV2.5-01P-11-00A(H)	Vertical potential bridge, to connect the upper and lower level
⑫ Marker	ZK5-24P-19-00A(H)	Marker is used for the side of DS2.5 series
⑬ End stopper	E-WS-01P-11-00A(H)	Fixing products on NS35 DIN rail
⑭ DIN rail	NS35/7.5-0150-00A(H)	NS35 DIN rail

**Circuit diagram**

**Push-in connection technology**

Feed-through, multi-conductor, multi-level, and ground terminal blocks


**DS 2.5**

**DS 2.5-PE**

Notes: For additional accessories and operating instruction, see page 09.

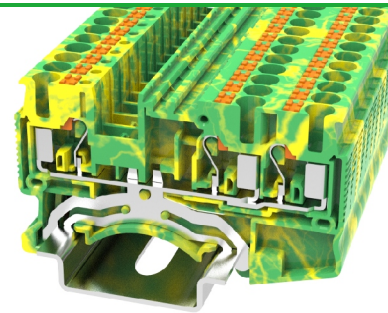
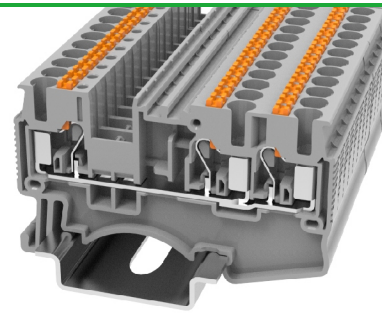
CE ENEC RoHS REACH

CE ENEC RoHS REACH

Dimension	CE ENEC RoHS REACH			
	DS 2.5		DS 2.5-PE	
Width/Length/Height(NS35/7.5&NS35/15) mm	5.2/45/36.75(44.25)			
Electrical Parameter	IEC	UL	IEC	UL
	IEC60947-7-1	UL1059	IEC60947-7-2	UL1059
Rated voltage V	800	600	/	/
Rated current A	24	20	/	/
Wire range mm <sup>2</sup> /AWG	0.2-4	26-12	0.2-4	26-12
Rated surge voltage/Degree of pollution KV/-	8/3			
Overvoltage category/Insulation material group -/-	III / I			
Connection capacity	Solid	Stranded	Ferrule (with and without plastic sleeve)	Ferrule (with and without plastic sleeve)
	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>
1 conductor	0.2-4	0.2-2.5	0.2-2.5	0.2-2.5
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	—	—	—	0.5
General information	PA/V0			
	PA/V0			
Insulation material/Flammability rating(according to UL 94)	PA/V0			
Operation temperature °C ( °F )	-40(-40)~105(221)			
Stripping length mm	10-12			
Color	Gray ( customization demand is available )			
Slotted screwdriver size (Blade thickness x Width) mm	0.6x3.5			
Accessories				
Plug-in bridge ( 2-10P )	DFB2.5		/	
End cover	D-DS2.5		D-DS2.5	
Marker ( Top )	ZB5		ZB5	
Marker ( Side )	ZK5		ZK5	
DIN rail	NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper	E-WS&E-PC&E-MK		E-WS&E-PC&E-MK	

**Push-in connection technology**

Feed-through, multi-conductor, multi-level, and ground terminal blocks


**DS 2.5-TW**

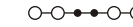
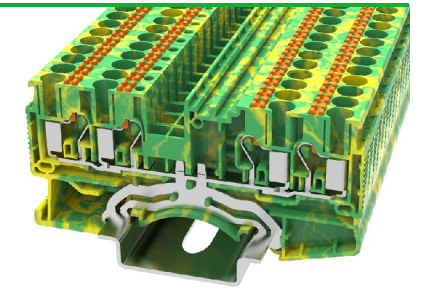
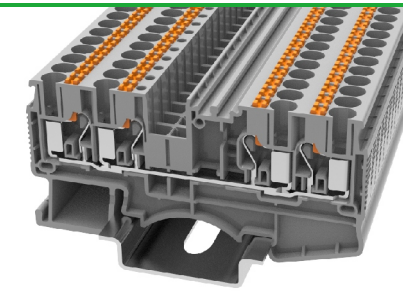
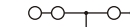
**DS 2.5-TW-PE**

Notes: For additional accessories and operating instruction, see page 09.

Dimension		IEC IEC60947-7-1				UL UL1059			
Width/Length/Height(NS35/7.5&NS35/15) mm		5.2/60.5/36.75(44.25)				5.2/60.5/36.75(44.25)			
Electrical Parameter		IEC IEC60947-7-1				UL UL1059			
Rated voltage	V	800				600			
Rated current	A	24				20			
Wire range	mm <sup>2</sup> /AWG	0.2-4				26-12			
Rated surge voltage/Degree of pollution	KV/-	8/3				8/3			
Overvoltage category/Insulation material group	-/-	III / I				III / I			
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.2-4	0.2-2.5	0.2-2.5	0.2-2.5	0.2-4	0.2-2.5	0.2-2.5	0.2-2.5
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	0.5	—	—	—	0.5
General information		PA/V0				PA/V0			
Insulation material/Flammability rating(according to UL 94)		-40(-40)~105(221)				-40(-40)~105(221)			
Operation temperature	°C ( °F )	10-12				10-12			
Stripping length	mm	Gray ( customization demand is available )				Green-yellow			
Color		0.6x3.5				0.6x3.5			
Slotted screwdriver size (Blade thickness x Width) mm		Accessories							
Plug-in bridge ( 2-10P )		DFB2.5				/			
End cover		D-DS2.5-TW				D-DS2.5-TW			
Marker ( Top )		ZB5				ZB5			
Marker ( Side )		ZK5				ZK5			
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)				NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper		E-WS&E-PC&E-MK				E-WS&E-PC&E-MK			

**Push-in connection technology**

Feed-through, multi-conductor, multi-level, and ground terminal blocks

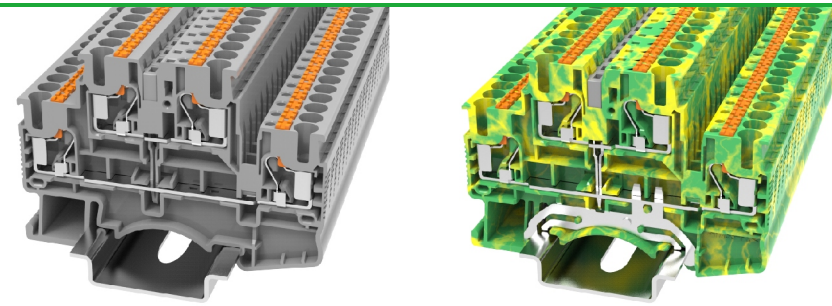

**DS 2.5-QU**

**DS 2.5-QU-PE**

Notes: For additional accessories and operating instruction, see page 09.

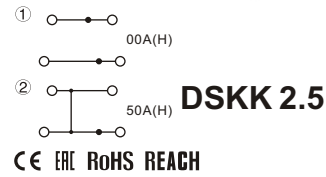
Dimension		IEC IEC60947-7-1				UL UL1059			
Width/Length/Height(NS35/7.5&NS35/15) mm		5.2/72.2/36.75(44.25)				5.2/72.2/36.75(44.25)			
Electrical Parameter		IEC IEC60947-7-1				UL UL1059			
Rated voltage	V	800				600			
Rated current	A	24				20			
Wire range	mm <sup>2</sup> /AWG	0.2-4				26-12			
Rated surge voltage/Degree of pollution	KV/-	8/3				8/3			
Overvoltage category/Insulation material group	-/-	III / I				III / I			
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.2-4	0.2-2.5	0.2-2.5	0.2-2.5	0.2-4	0.2-2.5	0.2-2.5	0.2-2.5
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	0.5	—	—	—	0.5
General information		PA/V0				PA/V0			
Insulation material/Flammability rating(according to UL 94)		-40(-40)~105(221)				-40(-40)~105(221)			
Operation temperature	°C ( °F )	10-12				10-12			
Stripping length	mm	Gray ( customization demand is available )				Green-yellow			
Color		0.6x3.5				0.6x3.5			
Slotted screwdriver size (Blade thickness x Width) mm		Accessories							
Plug-in bridge ( 2-10P )		DFB2.5				/			
End cover		D-DS2.5-QU				D-DS2.5-QU			
Marker ( Top )		ZB5				ZB5			
Marker ( Side )		ZK5				ZK5			
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)				NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper		E-WS&E-PC&E-MK				E-WS&E-PC&E-MK			

### Push-in connection technology

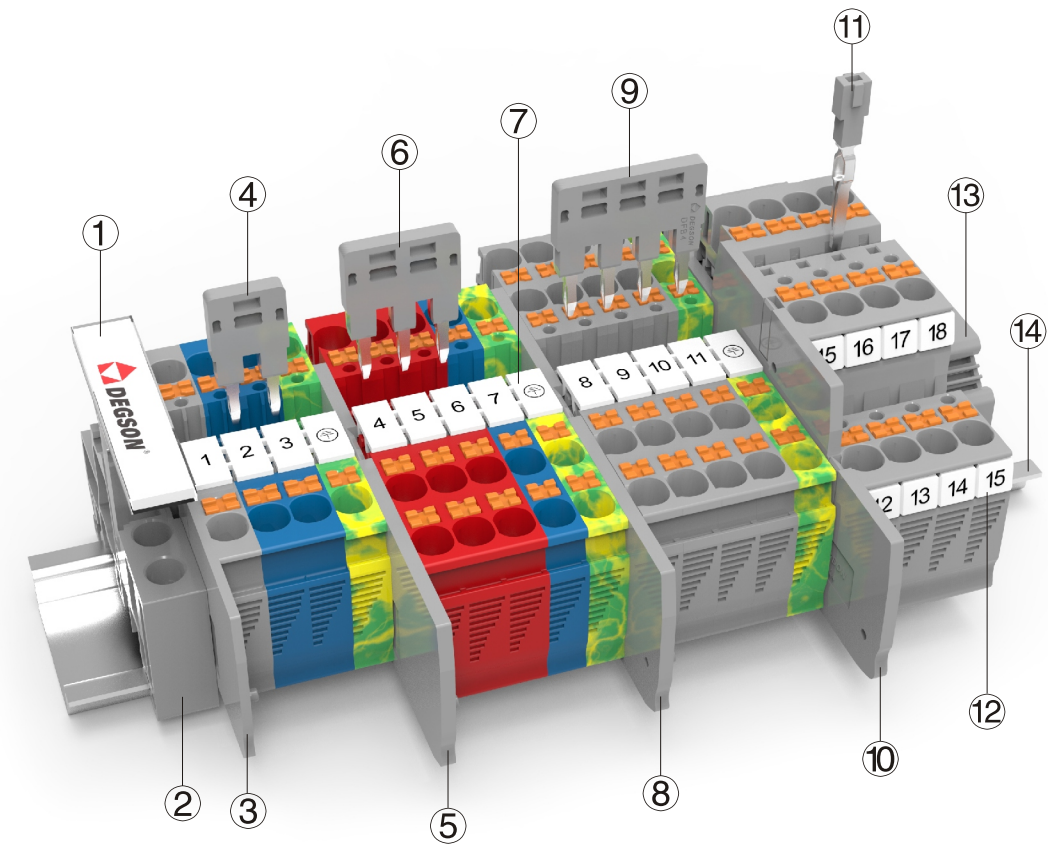
Feed-through, multi-conductor, multi-level, and ground terminal blocks



Notes: For additional accessories and operating instruction, see page 09.

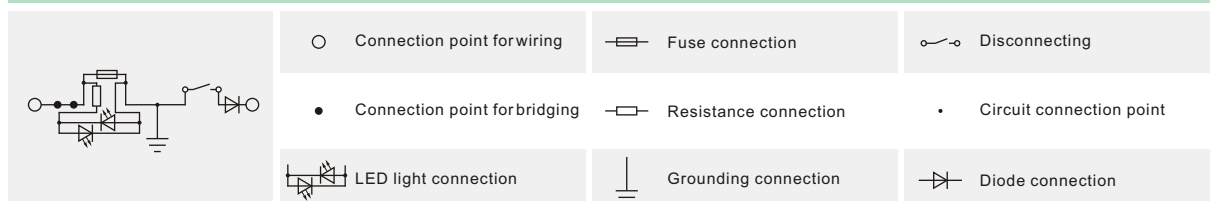


Dimension		DSKK 2.5				DSKK 2.5-PE			
Width/Length/Height(NS35/7.5&NS35/15) mm		5.2/68.2/48.75(56.25)				5.2/68.2/48.75(56.25)			
Electrical Parameter		IEC IEC60947-7-1		UL UL1059		IEC IEC60947-7-2		UL UL1059	
Rated voltage	V	500		300		/		/	
Rated current	A	22		20		/		/	
Wire range	mm <sup>2</sup> /AWG	0.2-4		26-12		0.2-4		26-12	
Rated surge voltage/Degree of pollution	KV/-	6/3				6/3			
Overvoltage category/Insulation material group	-/-	III / I				III / I			
Connection capacity		Solid		Stranded		Ferrule (with and without plastic sleeve)		Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.2-4	0.2-2.5	0.2-2.5	0.2-2.5	0.2-4	0.2-2.5	0.2-2.5	0.2-2.5
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	-	-	-	0.5	-	-	-	0.5
General information		DSKK 2.5				DSKK 2.5-PE			
Insulation material/Flammability rating(according to UL 94)		PA/V0				PA/V0			
Operation temperature °C ( °F )		-40(-40)~105(221)				-40(-40)~105(221)			
Stripping length mm		11-12				11-12			
Color		Gray ( customization demand is available )				Green-yellow			
Slotted screwdriver size (Blade thickness x Width) mm		0.6x3.5				0.6x3.5			
Accessories		DSKK 2.5				DSKK 2.5-PE			
Plug-in bridge ( 2-10P )		DFB2.5				DFB2.5			
End cover		D-DSKK2.5				D-DSKK2.5			
Marker ( Top )		/				/			
Marker ( Side )		ZK5				ZK5			
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)				NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper		E-WS&E-PC&E-MK				E-WS&E-PC&E-MK			



Description	Part No.	Remark
① Terminal strip marker carrier	DLM2-01P-17-00A(H)	Suitable for E-PC, use for marking
② End stopper	E-PC-01P-11-1000A(H)	Fixing products on NS35 DIN rail
③ End cover	D-DS4-01P-11-00A(H)	End cover is used for DS4&DS4-PE
④ Plug-in bridge	DFB4-02P-11-00A(H)	02P bridge , use for DS4 series
⑤ End cover	D-DS4-TW-01P-11-00A(H)	End cover is used for DS4-TW&DS4-TW-PE
⑥ Plug-in bridge	DFB4-03P-11-00A(H)	03P bridge , use for DS4 series
⑦ Marker	ZB6-10P-19-00A(H)	Marker is used for the top of DS4 series
⑧ End cover	D-DS4-QU-01P-11-00A(H)	End cover is used for DS4-QU&DS4-QU-PE
⑨ Plug-in bridge	DFB4-04P-11-00A(H)	04P bridge , use for DS4 series
⑩ End cover	D-DSKK4-01P-11-00A(H)	End cover is used for DSKK4&DSKK4-PE
⑪ Potential bridge	DPV2.5-01P-11-00A(H)	Vertical potential bridge, to connect the upper and lower level
⑫ Marker	ZK6-20P-19-00A(H)	Marker is used for the side of DS4 series
⑬ End stopper	E-WS-01P-11-00A(H)	Fixing products on NS35 DIN rail
⑭ DIN rail	NS35/7.5-0150-00A(H)	NS35 DIN rail

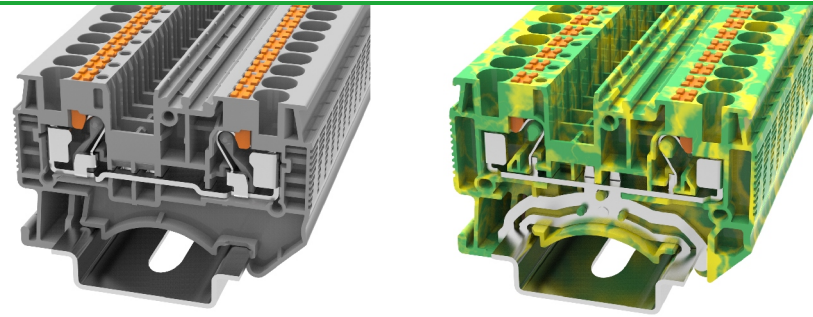
#### Circuit diagram





**Push-in connection technology**

Feed-through, multi-conductor, multi-level, and ground terminal blocks


**DS 4**

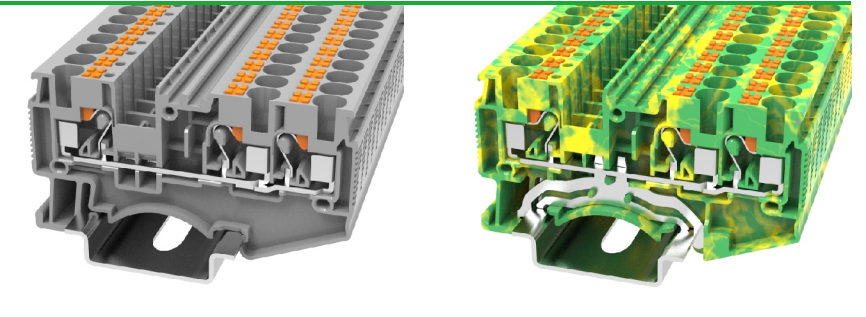
**DS 4-PE**

Notes: For additional accessories and operating instruction, see page 14.

Dimension		6.2/55.6/36.8(44.3)			
Width/Length/Height(NS35/7.5&NS35/15) mm		6.2/55.6/36.8(44.3)			
Electrical Parameter		IEC IEC60947-7-1		UL UL1059	
Rated voltage	V	800		600	
Rated current	A	32		30	
Wire range	mm <sup>2</sup> /AWG	0.2-6		24-10	
Rated surge voltage/Degree of pollution	KV/-	8/3		8/3	
Overvoltage category/Insulation material group	-/-	III / I		III / I	
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.2-6	0.2-4	0.2-4	0.2-4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	0.5-1
General information		PA/V0			
Insulation material/Flammability rating(according to UL 94)		PA/V0			
Operation temperature	°C ( °F )	-40(-40)~105(221)			
Stripping length	mm	11-13			
Color		Gray ( customization demand is available )			
Slotted screwdriver size (Blade thickness x Width) mm		0.6X3.5			
Accessories		DFB4			
Plug-in bridge ( 2-10P )		DFB4			
End cover		D-DS4			
Marker ( Top )		ZB6			
Marker ( Side )		ZK6			
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper		E-WS&E-PC&E-MK			

**Push-in connection technology**

Feed-through, multi-conductor, multi-level, and ground terminal blocks


**DS 4-TW**

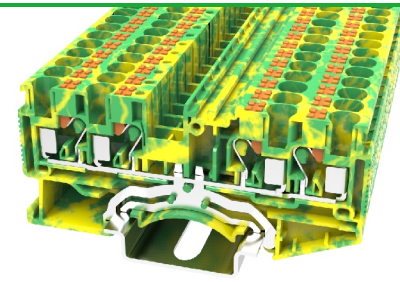
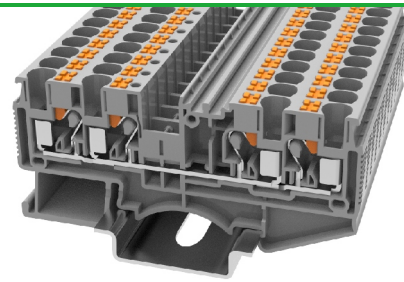
**DS 4-TW-PE**

Notes: For additional accessories and operating instruction, see page 14.

Dimension		6.2/66.5/36.8(44.3)			
Width/Length/Height(NS35/7.5&NS35/15) mm		6.2/66.5/36.8(44.3)			
Electrical Parameter		IEC IEC60947-7-1		UL UL1059	
Rated voltage	V	800		600	
Rated current	A	32		30	
Wire range	mm <sup>2</sup> /AWG	0.2-6		24-10	
Rated surge voltage/Degree of pollution	KV/-	8/3		8/3	
Overvoltage category/Insulation material group	-/-	III / I		III / I	
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.2-6	0.2-4	0.2-4	0.2-4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	0.5-1
General information		PA/V0			
Insulation material/Flammability rating(according to UL 94)		PA/V0			
Operation temperature	°C ( °F )	-40(-40)~105(221)			
Stripping length	mm	10-12			
Color		Gray ( customization demand is available )			
Slotted screwdriver size (Blade thickness x Width) mm		0.6x3.5			
Accessories		DFB4			
Plug-in bridge ( 2-10P )		DFB4			
End cover		D-DS4-TW			
Marker ( Top )		ZB6			
Marker ( Side )		ZK6			
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper		E-WS&E-PC&E-MK			

**Push-in connection technology**

Feed-through, multi-conductor, multi-level, and ground terminal blocks


**DS4-QU**

**DS 4-QU-PE**

Notes: For additional accessories and operating instruction, see page 14.

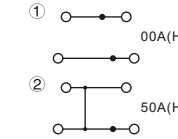
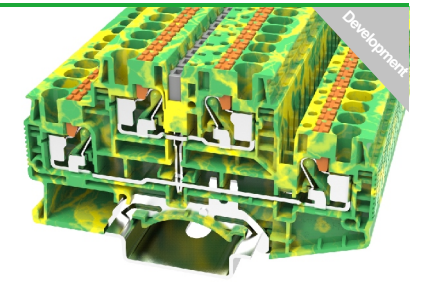
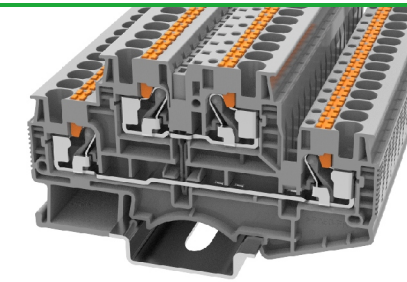
CE ENEC RoHS REACH

CE ENEC RoHS REACH

Dimension		6.2/77/36.8(44.3)			
Width/Length/Height(NS35/7.5&NS35/15) mm		6.2/77/36.8(44.3)			
Electrical Parameter		IEC IEC60947-7-1		UL UL1059	
Rated voltage	V	800		600	
Rated current	A	32		30	
Wire range	mm <sup>2</sup> /AWG	0.2-6		24-10	
Rated surge voltage/Degree of pollution	KV/-	8/3		8/3	
Overvoltage category/Insulation material group	-/-	III / I		III / I	
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.2-6	0.2-4	0.2-4	0.2-4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	0.5-1
General information					
Insulation material/Flammability rating(according to UL 94)		PA/V0		PA/V0	
Operation temperature	°C ( °F )	-40(-40)~105(221)			
Stripping length	mm	10-12			
Color		Gray ( customization demand is available )		Green-yellow	
Slotted screwdriver size (Blade thickness x Width) mm		0.6x3.5		0.6x3.5	
Accessories					
Plug-in bridge ( 2-10P )		DFB4		/	
End cover		D-DS4-QU		D-DS4-QU	
Marker ( Top )		ZB6		ZB6	
Marker ( Side )		ZK6		ZK6	
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)	
End stopper		E-WS&E-PC&E-MK		E-WS&E-PC&E-MK	

**Push-in connection technology**

Feed-through, multi-conductor, multi-level, and ground terminal blocks

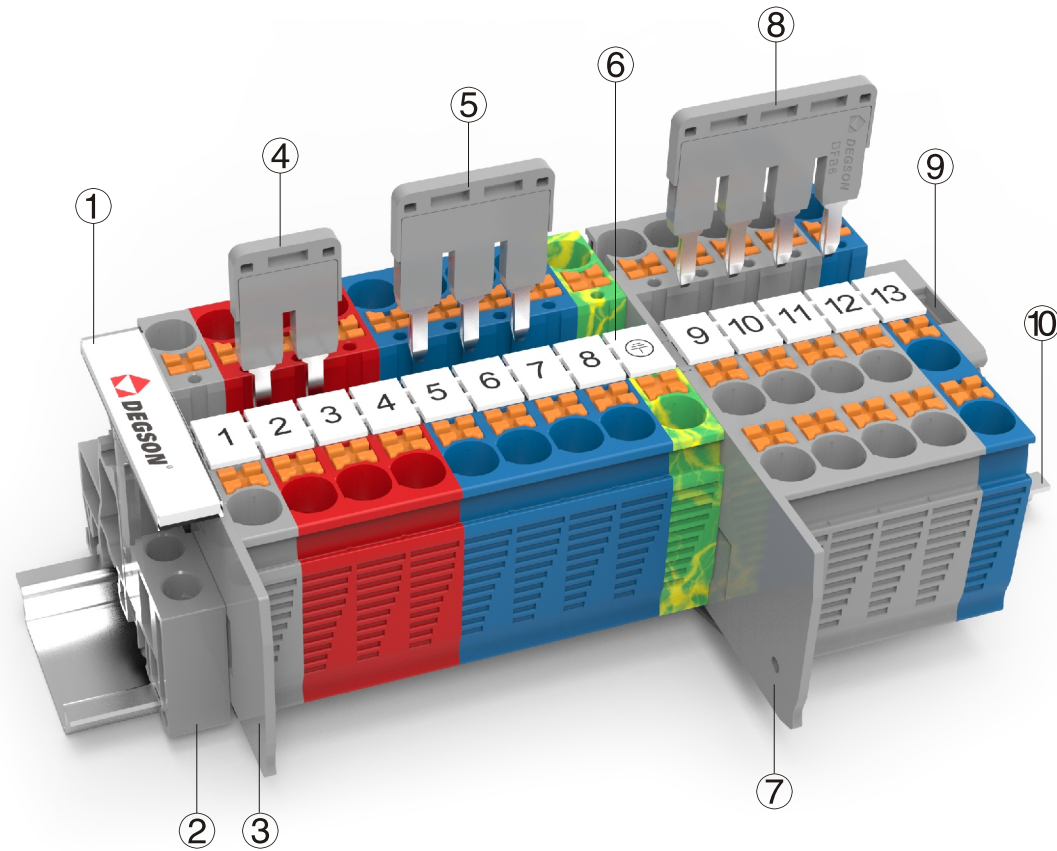

**DSKK 4**

**DSKK 4-PE**

Notes: For additional accessories and operating instruction, see page 14.

CE ENEC RoHS REACH

Dimension		6.2/83.5/48.75(56.25)			
Width/Length/Height(NS35/7.5&NS35/15) mm		6.2/83.5/48.75(56.25)			
Electrical Parameter		IEC IEC60947-7-1		UL UL1059	
Rated voltage	V	500		600	
Rated current	A	32		28	
Wire range	mm <sup>2</sup> /AWG	0.2-6		24-10	
Rated surge voltage/Degree of pollution	KV/-	6/3		6/3	
Overvoltage category/Insulation material group	-/-	III / I		III / I	
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.2-6	0.2-4	0.2-4	0.2-4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	0.5-1
General information					
Insulation material/Flammability rating(according to UL 94)		PA/V0		PA/V0	
Operation temperature	°C ( °F )	-40(-40)~105(221)			
Stripping length	mm	11-13			
Color		Gray ( customization demand is available )		Green-yellow	
Slotted screwdriver size (Blade thickness x Width) mm		0.6x3.5		0.6x3.5	
Accessories					
Plug-in bridge ( 2-10P )		DFB4		DFB4	
End cover		D-DSKK4		D-DSKK4	
Marker ( Top )		/		/	
Marker ( Side )		ZK6		ZK6	
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)	
End stopper		E-WS&E-PC&E-MK		E-WS&E-PC&E-MK	

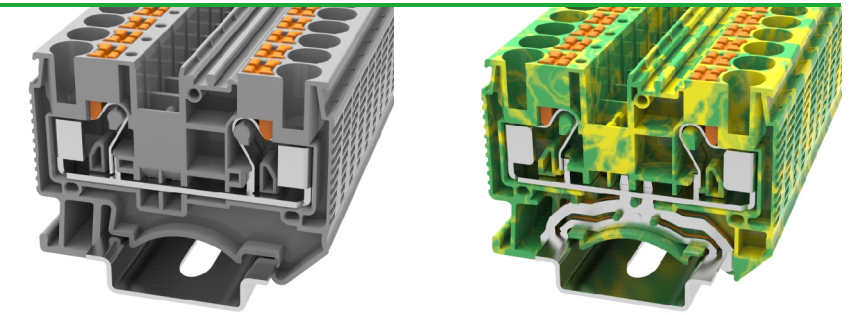


Description	Part No.	Remark
① Terminal strip marker carrier	DLM2-01P-17-00A(H)	Suitable for E-PC, use for marking
② End stopper	E-PC-01P-11-1000A(H)	Fixing products on NS35 DIN rail
③ End cover	D-DS6-01P-11-00A(H)	End cover is used for DS6&DS6-PE
④ Plug-in bridge	DFB6-02P-11-00A(H)	02P bridge, use for DS6 series
⑤ Plug-in bridge	DFB6-03P-11-00A(H)	03P bridge, use for DS6 series
⑥ Marker	ZB8-10P-19-00A(H)	Marker is used for the top of DS6 series
⑦ End cover	D-DS6-TW-01P-11-00A(H)	End cover is used for DS6-TW&DS6-TW-PE
⑧ Plug-in bridge	DFB6-04P-11-00A(H)	04P bridge, use for DS6 series
⑨ End stopper	E-WS-01P-11-00A(H)	Fixing products on NS35 DIN rail
⑩ DIN rail	NS35/7.5-0150-00A(H)	NS35 DIN rail

Circuit diagram		
	○ Connection point for wiring	
	● Connection point for bridging	

### Push-in connection technology

Feed-through, multi-conductor and ground terminal blocks


**DS 6**

**DS 6-PE**

Notes: For additional accessories and operating instruction, see page 19.

UL CE ENE RoHS REACH

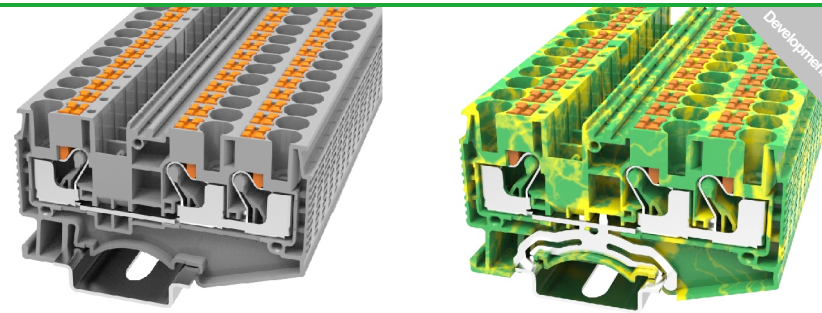
UL CE ENE RoHS REACH

Dimension	UL CE ENE RoHS REACH				UL CE ENE RoHS REACH			
Width/Length/Height(NS35/7.5&NS35/15) mm	8.2/58/43.5(51)				8.2/58/43.5(51)			
Electrical Parameter	IEC IEC60947-7-1	UL UL1059	IEC IEC60947-7-2	UL UL1059	IEC IEC60947-7-2	UL UL1059	IEC IEC60947-7-2	UL UL1059
Rated voltage V	1000	600	/	/	/	/	/	/
Rated current A	41	40	/	/	/	/	/	/
Wire range mm <sup>2</sup> /AWG	0.5-10	20-8	0.5-10	20-8	0.5-10	20-8	0.5-10	20-8
Rated surge voltage/Degree of pollution KV/-	8/3				8/3			
Overtoltage category/Insulation material group -/-	III / I				III / I			
Connection capacity	Solid	Stranded	Ferrule (with and without plastic sleeve)		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor mm <sup>2</sup>	0.5-10	0.5-10	0.5-6	0.5-6	0.5-10	0.5-10	0.5-6	0.5-6
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve mm <sup>2</sup>	-	-	-	0.5-1.5	-	-	-	0.5-1.5
General information	UL CE ENE RoHS REACH				UL CE ENE RoHS REACH			
Insulation material/Flammability rating(according to UL 94)	PA/V0				PA/V0			
Operation temperature °C ( °F )	-40(-40)-105(221)				-40(-40)-105(221)			
Stripping length mm	10-12				10-12			
Color	Gray ( customization demand is available )				Green-yellow			
Slotted screwdriver size (Blade thickness x Width) mm	0.8x4				0.8x4			
Accessories	UL CE ENE RoHS REACH				UL CE ENE RoHS REACH			
Plug-in bridge ( 2-10P )	DFB6				/			
End cover	D-DS6				D-DS6			
Marker ( Top )	ZB8				ZB8			
Marker ( Side )	/				/			
DIN rail	NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional )				NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional )			
End stopper	E-WS&E-PC&E-MK				E-WS&E-PC&E-MK			



### Push-in connection technology

Feed-through, multi-conductor and ground terminal blocks

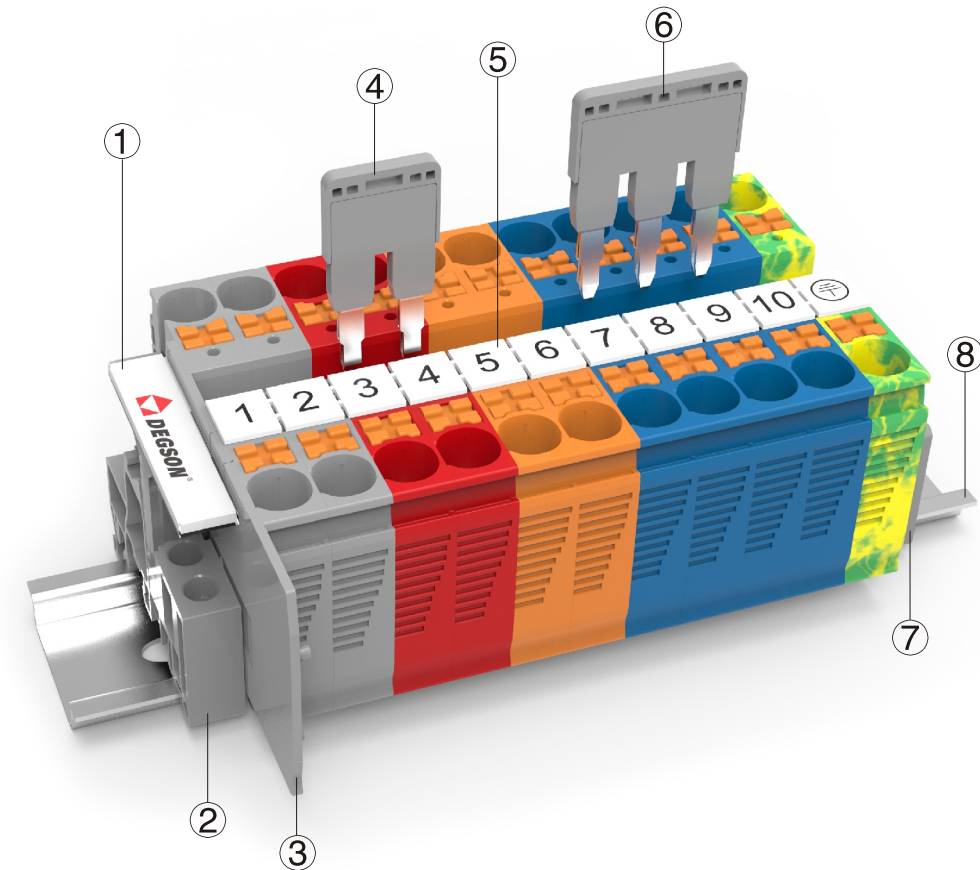

**DS 6-TW**

**DS 6-TW-PE**

Notes: For additional accessories and operating instruction, see page 19.

**CE ENEC RoHS REACH**

Dimension		8.2/74.2/43.5(51)				8.2/74.2/43.5(51)			
Width/Length/Height(NS35/7.5&NS35/15) mm									
Electrical Parameter		IEC IEC60947-7-1		UL UL1059		IEC IEC60947-7-2		UL UL1059	
Rated voltage	V	1000		600		/		/	
Rated current	A	41		40		/		/	
Wire range	mm <sup>2</sup> /AWG	0.5-10		20-8		0.5-10		20-8	
Rated surge voltage/Degree of pollution	KV/-	8/3				8/3			
Overvoltage category/Insulation material group	-/-	III / I				III / I			
Connection capacity		Solid		Stranded		Ferrule (with and without plastic sleeve)			
1 conductor	mm <sup>2</sup>	0.5-10	0.5-10	0.5-6	0.5-6	0.5-10	0.5-6	0.5-6	0.5-6
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	0.5-1.5	—	—	—	0.5-1.5
General information									
Insulation material/Flammability rating(according to UL 94)		PA/V0				PA/V0			
Operation temperature °C ( °F )		-40(-40)~105(221)				-40(-40)~105(221)			
Stripping length mm		10-12				10-12			
Color		Gray ( customization demand is available )				Green-yellow			
Slotted screwdriver size (Blade thickness x Width) mm		0.8x4				0.8x4			
Accessories									
Plug-in bridge ( 2-10P )		DFB6				/			
End cover		D-DS6-TW				D-DS6-TW			
Marker ( Top )		ZB8				ZB8			
Marker ( Side )		/				/			
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)				NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper		E-WS&E-PC&E-MK				E-WS&E-PC&E-MK			



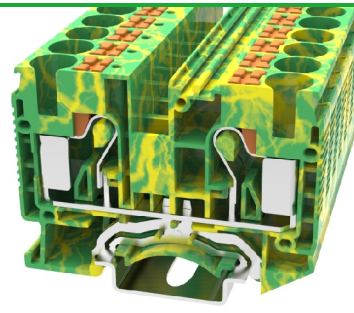
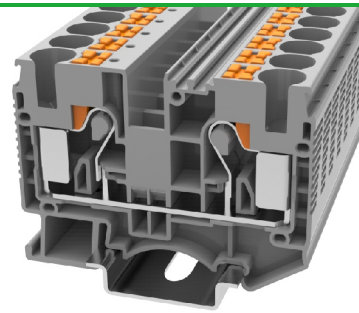
Description	Part No.	Remark
① Terminalstrip marker carrier	DLM2-01P-17-00A(H)	Suitable for E-PC, use for marking
② End stopper	E-PC-01P-11-1000A(H)	Fixing products on NS35 DIN rail
③ End cover	D-DS10-01P-11-00A(H)	End cover is used for DS10&DS10-PE
④ Plug-in bridge	DFB10-02P-11-00A(H)	02P bridge, use for DS10 series
⑤ Marker	ZB10-10P-19-00A(H)	Marker is used for the top of DS10 series
⑥ Plug-in bridge	DFB10-03P-11-00A(H)	03P bridge, use for DS10 series
⑦ End stopper	E-WS-01P-11-00A(H)	Fixing products on NS35 DIN rail
⑧ DIN rail	NS35/7.5-0150-00A(H)	NS35 DIN rail

**Circuit diagram**

	○ Connection point for wiring		Fuse connection		Disconnecting
	● Connection point for bridging		Resistance connection		Circuit connection point
	LED light connection		Grounding connection		Diode connection

**Push-in connection technology**

Feed-through, multi-conductor and ground terminal blocks

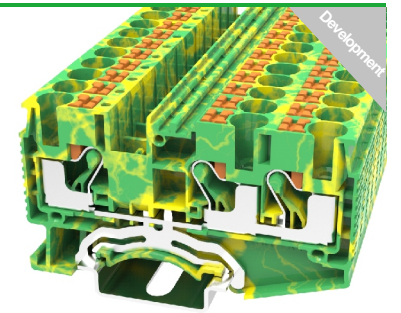
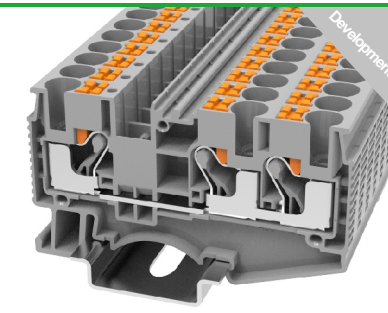

**DS 10**
**DS 10-PE**

Notes: For additional accessories and operating instruction, see page 22.

Dimension									
Width/Length/Height(NS35/7.5&NS35/15) mm		10.2/67.7/51.1(58.6)				10.2/67.7/51.1(58.6)			
Electrical Parameter		IEC IEC60947-7-1		UL UL1059		IEC IEC60947-7-2		UL UL1059	
Rated voltage	V	1000		600		/		/	
Rated current	A	57		60		/		/	
Wire range	mm <sup>2</sup> /AWG	0.5-16		20-6		0.5-16		20-6	
Rated surge voltage/Degree of pollution	KV/-	8/3				8/3			
Overvoltage category/Insulation material group	-/-	III / I				III / I			
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.5-16	0.5-16	0.5-10	0.5-10	0.5-16	0.5-16	0.5-10	0.5-10
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	1.5-4	—	—	—	1.5-4
General information									
Insulation material/Flammability rating(according to UL 94)		PA/V0				PA/V0			
Operation temperature °C ( °F )		-40(-40)~105(221)				-40(-40)~105(221)			
Stripping length mm		16-18				16-18			
Color		Gray ( customization demand is available )				Green-yellow			
Slotted screwdriver size (Blade thickness x Width) mm		1x5.5				1x5.5			
Accessories									
Plug-in bridge ( 2-10P )		DFB10				/			
End cover		D-DS10				D-DS10			
Marker ( Top )		ZB10				ZB10			
Marker ( Side )		/				/			
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)				NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper		E-WS&E-PC&E-MK				E-WS&E-PC&E-MK			

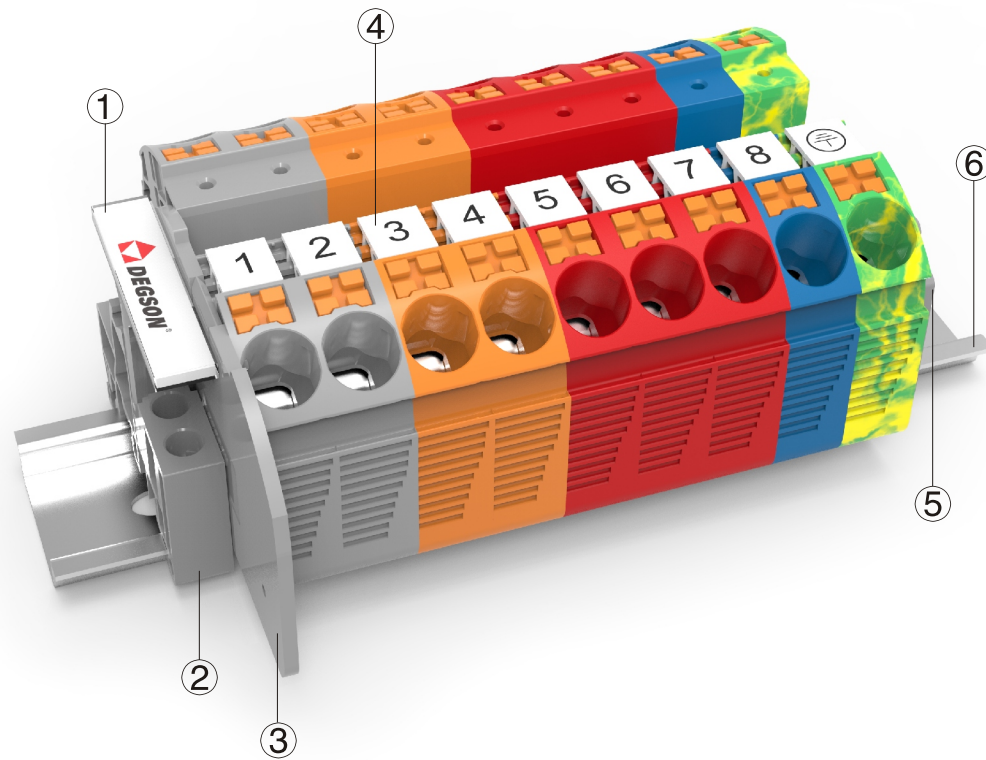
**Push-in connection technology**

Feed-through, multi-conductor and ground terminal blocks


**DS 10-TW**
**DS 10-TW-PE**

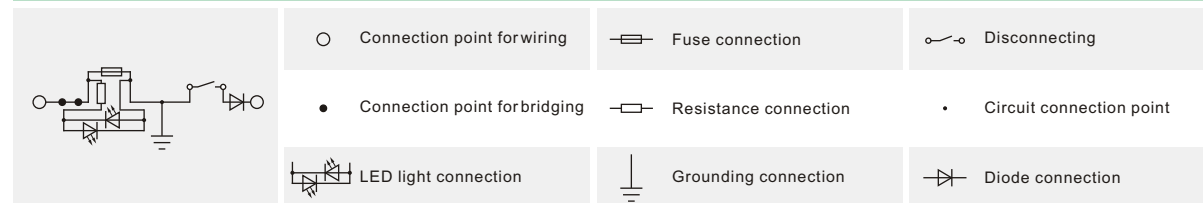
Notes: For additional accessories and operating instruction, see page 22.

Dimension									
Width/Length/Height(NS35/7.5&NS35/15) mm		10.2/88.9/51.1(58.6)				10.2/88.9/51.1(58.6)			
Electrical Parameter		IEC IEC60947-7-1		UL UL1059		IEC IEC60947-7-2		UL UL1059	
Rated voltage	V	1000		600		/		/	
Rated current	A	57		60		/		/	
Wire range	mm <sup>2</sup> /AWG	0.5-16		20-6		0.5-16		20-6	
Rated surge voltage/Degree of pollution	KV/-	8/3				8/3			
Overvoltage category/Insulation material group	-/-	III / I				III / I			
Connection capacity		Solid	Stranded	Ferrule (with and without plastic sleeve)		Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor	mm <sup>2</sup>	0.5-16	0.5-16	0.5-10	0.5-10	0.5-16	0.5-16	0.5-10	0.5-10
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	mm <sup>2</sup>	—	—	—	1.5-4	—	—	—	1.5-4
General information									
Insulation material/Flammability rating(according to UL 94)		PA/V0				PA/V0			
Operation temperature °C ( °F )		-40(-40)~105(221)				-40(-40)~105(221)			
Stripping length mm		16-18				16-18			
Color		Gray ( customization demand is available )				Green-yellow			
Slotted screwdriver size (Blade thickness x Width) mm		1x5.5				1x5.5			
Accessories									
Plug-in bridge ( 2-10P )		DFB10				/			
End cover		D-DS10-TW				D-DS10-TW			
Marker ( Top )		ZB10				ZB10			
Marker ( Side )		/				/			
DIN rail		NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)				NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional)			
End stopper		E-WS&E-PC&E-MK				E-WS&E-PC&E-MK			



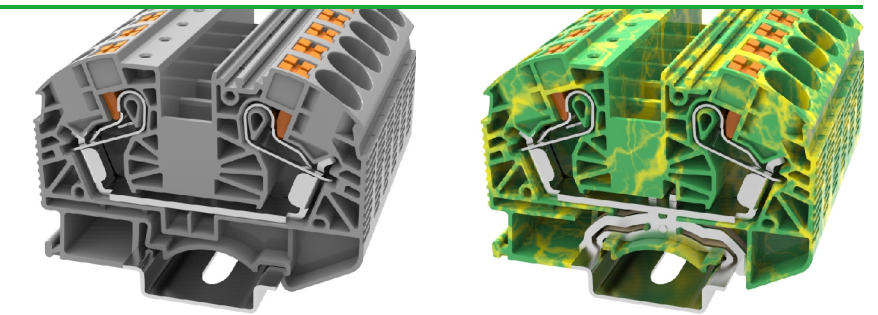
Description	Part No.	Remark
① Terminal strip marker carrier	DLM2-01P-17-00A(H)	Suitable for E-PC, use for marking
② End stopper	E-PC-01P-11-1000A(H)	Fixing products on NS35 DIN rail
③ End cover	D-DS16-01P-11-00A(H)	End cover is used for DS16&DS16-PE
④ Marker	ZB10-10P-19-00A(H)	Marker is used for the top of DS16 series
⑤ End stopper	E-WS-01P-11-00A(H)	Fixing products on NS35 DIN rail
⑥ DIN rail	NS35/7.5-0150-00A(H)	NS35 DIN rail

Circuit diagram



Push-in connection technology

Feed-through and ground terminal blocks



DS 16



DS 16-PE

Notes: For additional accessories and operating instruction, see page 25.

CE ENEC RoHS REACH

CE ENEC RoHS REACH

Dimension	CE ENEC RoHS REACH			
Width/Length/Height(NS35/7.5&NS35/15) mm	12.2/75.4/53.26(60.76)			
Electrical Parameter	IEC IEC60947-7-1	UL UL1059	IEC IEC60947-7-2	UL UL1059
Rated voltage V	1000	600	/	/
Rated current A	76	85	/	/
Wire range mm <sup>2</sup> /AWG	0.5-25	20-4	0.5-25	20-4
Rated surge voltage/Degree of pollution KV/-	8/3			
Overvoltage category/Insulation material group -/-	III / I			
Connection capacity	Solid	Stranded	Ferrule (with and without plastic sleeve)	
1 conductor mm <sup>2</sup>	0.5-25	0.5-16	0.5-16	0.5-16
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve mm <sup>2</sup>	-	-	-	1.5-4
General information	CE ENEC RoHS REACH			
Insulation material/Flammability rating(according to UL 94)	PA/V0			
Operation temperature °C ( °F )	-40(-40)-105(221)			
Stripping length mm	18			
Color	Gray ( customization demand is available )			
Slotted screwdriver size (Blade thickness x Width) mm	1x5.5			
Accessories	CE ENEC RoHS REACH			
End cover	D-DS16		D-DS16	
Marker ( Top )	ZB10		ZB10	
DIN rail	NS35/7.5 & NS35/15 ( Steel and Aluminium alloy are optional )			
End stopper	E-WS&E-PC&E-MK		E-WS&E-PC&E-MK	