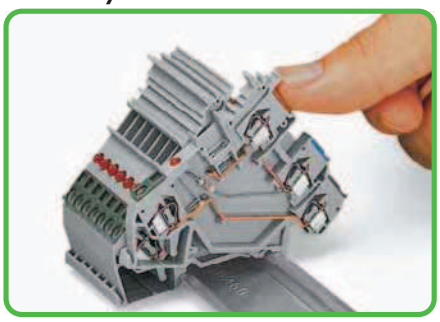
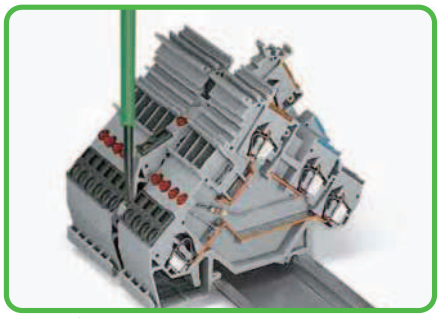
Sensor and Actuator Terminal Blocks
280 Series

Assembly



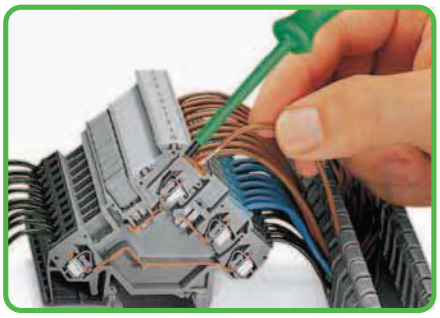
Assembly on the carrier rail. Terminal blocks with ground connection automatically establish a direct contact to the rail.

Removal



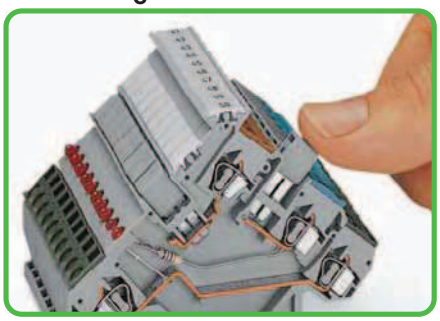
Removal from the carrier rail.
Notice: Remove jumper contacts first.

CAGE CLAMP® connection

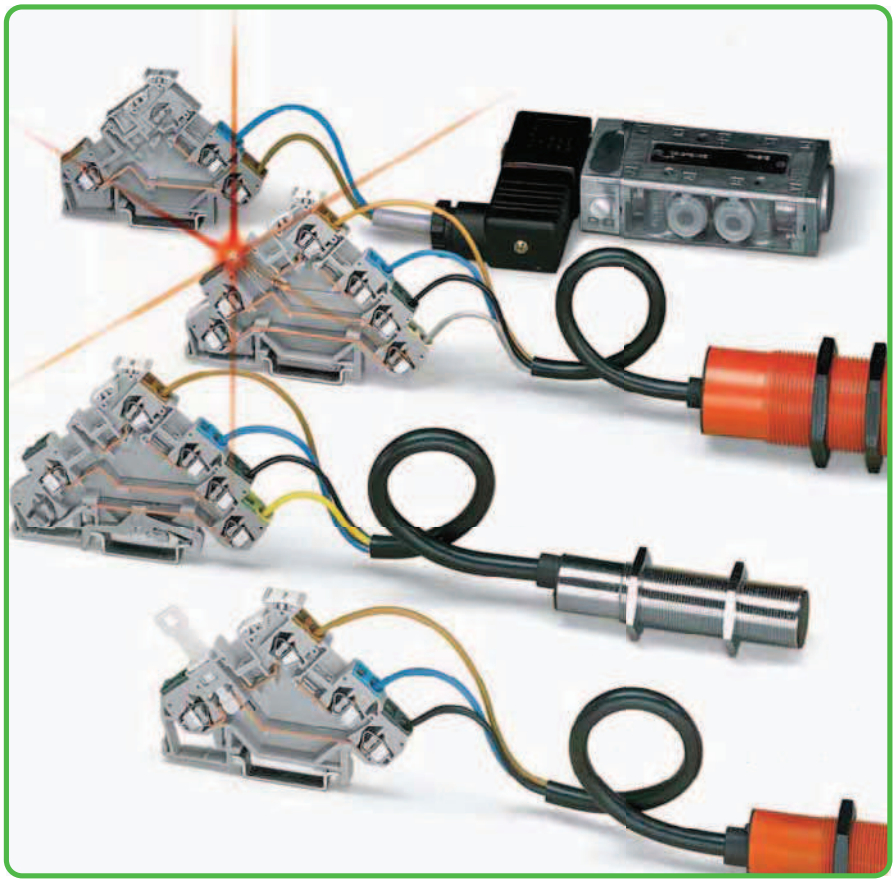


Conductor termination with straight operating tool (210-720).

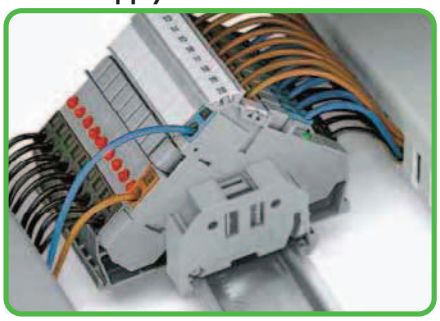
Commoning



Commoning with adjacent jumpers. Push down the adjacent jumper until fully inserted.

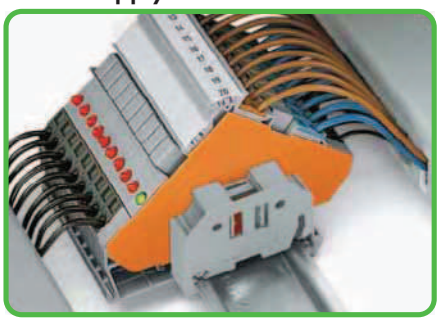


Power supply

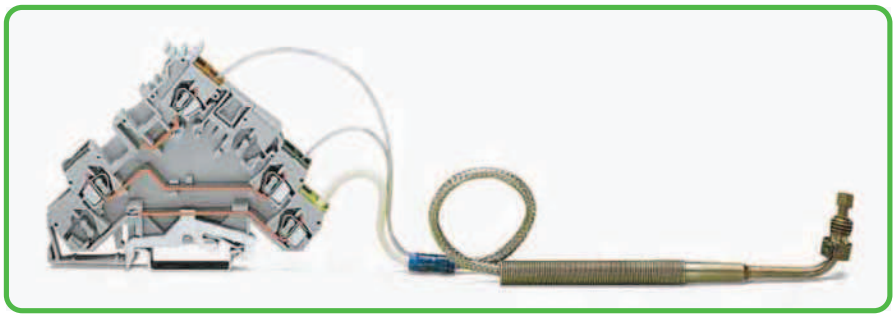


Sensor terminal blocks.
Power supply from control cabinet side.

Power supply



Sensor terminal blocks.
Power supply from sensor side.



Actuator terminal block and thermocouple with shield contact.



CAGE CLAMP® clamps the following copper conductors:*

solid



stranded

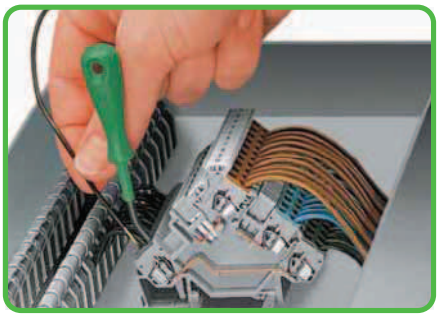


fine-stranded, also with tinned single strands

* For aluminum conductors, see notes in Section 14.

– Description and Handling –

CAGE CLAMP® connection



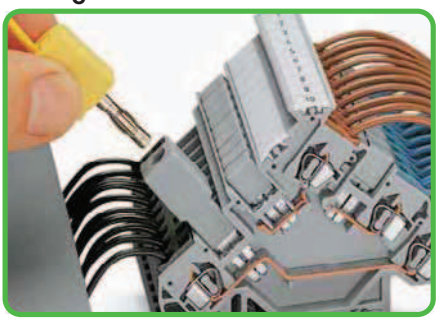
Conductor termination with angled operating tool (210-658).

Marking

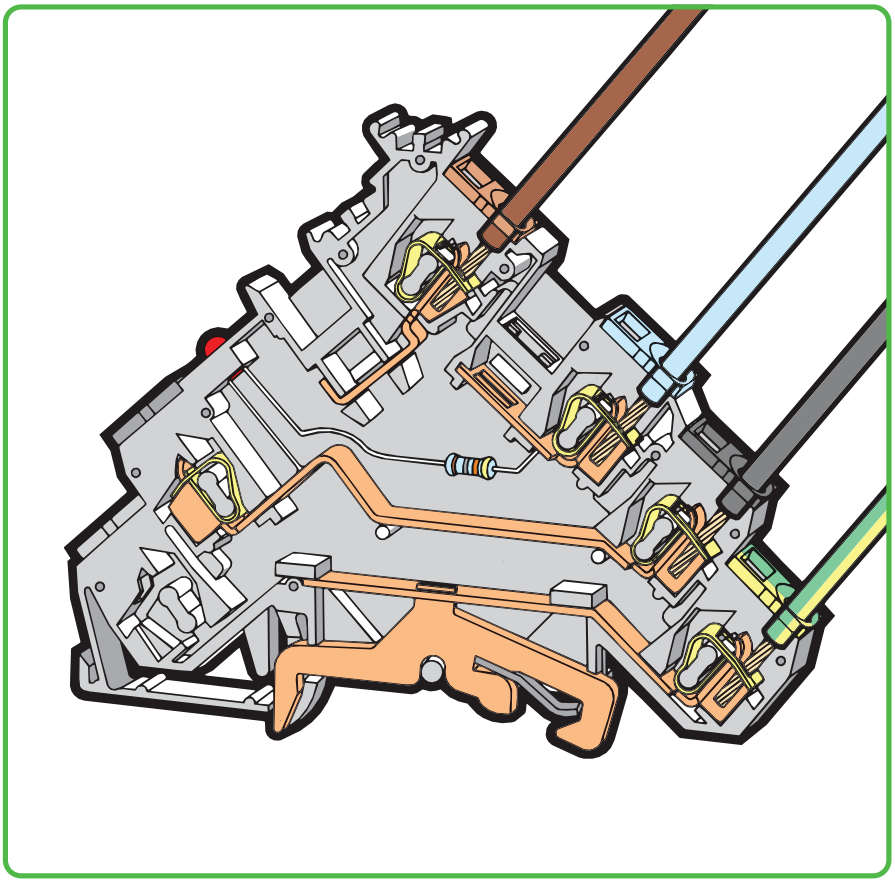


Marking with WMB Multi marking system.
For additional systems, see Section 13.

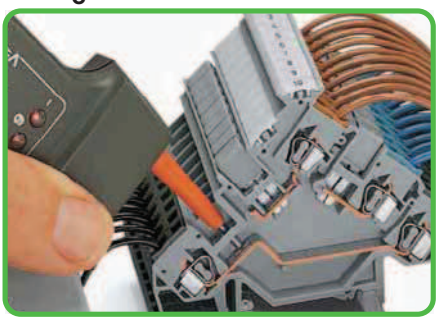
Testing



Testing via banana plug and 209-170 test plug adapter.

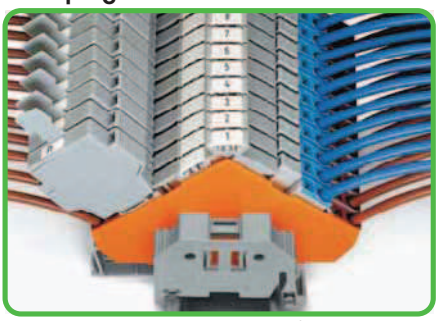


Testing

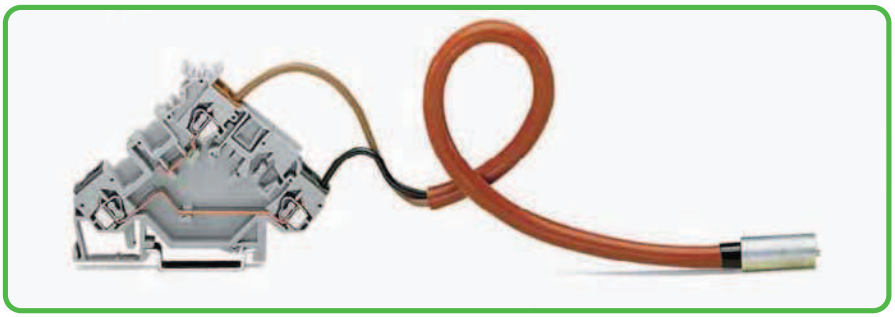


Testing with voltage tester directly on the current bar.

Fuse plugs

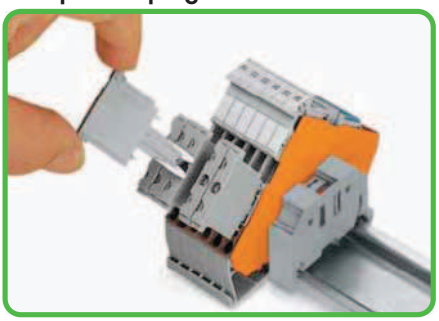


Actuator terminal blocks with 281-511 fuse plugs (requires additional intermediate plates).



Actuator terminal block with thermocouple.

Component plugs



Actuator terminal blocks with component plugs (280-801).



fine-stranded, tip-bonded



fine-stranded, with ferrule ❶ (gastight crimped)

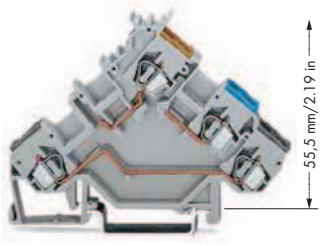


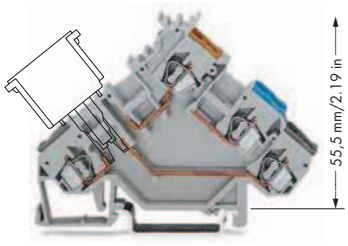
fine-stranded, with pin terminal (gastight crimped)

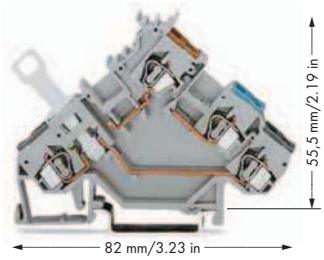
❶ When using ferrules, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.

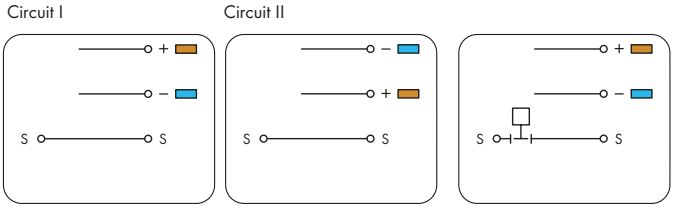
Sensor Terminal Blocks 2.5 mm² for 3-Conductor Sensors
280 Series

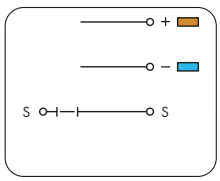
0.08 - 2.5 mm² 400 V/6 kV/3 ❶ I_N 20 A	AWG 28 - 12 * 300 V, 15 A 300 V, 15 A	0.08 - 2.5 mm² 250 V/4 kV/3 ❶ ❷ I_N 6 A ❷	AWG 28 - 12 * 300 V, 6 A 300 V, 15 A	0.08 - 2.5 mm² 400 V/6 kV/3 ❶ I_N 10 A	AWG 28 - 12 * 300 V, 10 A 300 V, 15 A
Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸		Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸		Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸	











	Item No.	Pack. Unit
Sensor terminal block		
Circuit I	**280-560**	50
Circuit II	**280-553**	50

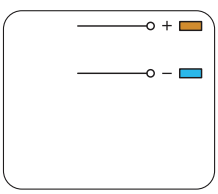
	Item No.	Pack. Unit
Sensor terminal block,		
for component plugs		
	280-561 ❹	50

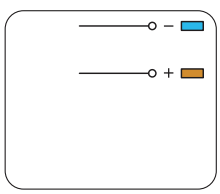
	Item No.	Pack. Unit
Sensor disconnect terminal block,		
for signal interruption		
	280-563	50









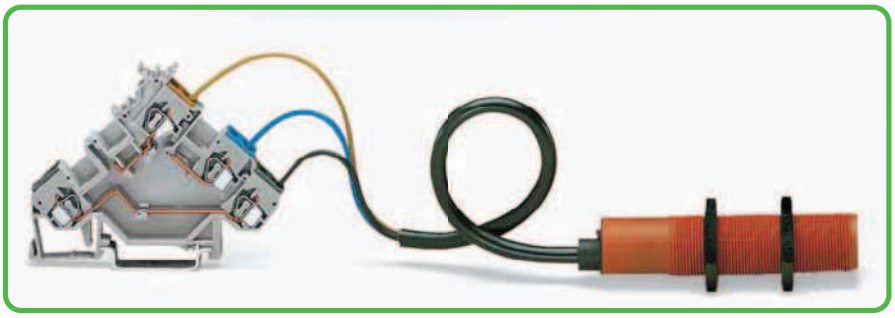


	Item No.	Pack. Unit
Sensor supply terminal block,		
power supply from sensor side		
	280-564	10

	Item No.	Pack. Unit
Spacer,		
same profile as 3-conductor sensor terminal blocks or appropriate actuator terminal blocks		
Spacers with the profile clearly differentiate between sensor or actuator terminal groups, e.g., of different power supply.		
gray	**280-559**	50

	Item No.	Pack. Unit
Sensor supply terminal block,		
power supply from control panel side, with end plate		
	280-567	20
Technical data:		
400 V/6 kV/3		I_N 20 A

For list of approvals and user guide, see pages 634 to 637.



Sensor terminal block with 3-conductor sensor

* AWG 12: THHN, THWN

❶ 400 V/250 V = rated voltage
6 kV/4 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

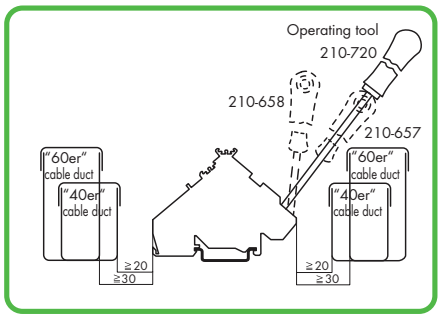
❷ Electrical ratings are given by the fuse plug or empty component plug housing.

❸ Strip length, see packaging or instructions.

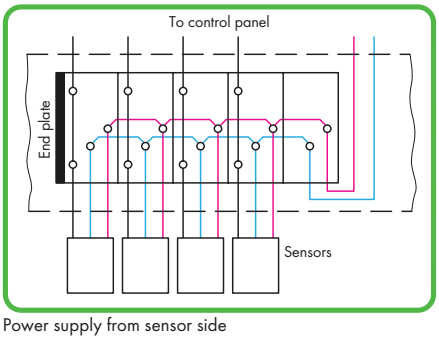
❹ For empty component plug housings, see interface modules
x = 12 mm/0.472 in
For fuse plugs, see page 232
x = 20 mm/0.787 in

❺ See application notes for:
Insulation stop, page 199

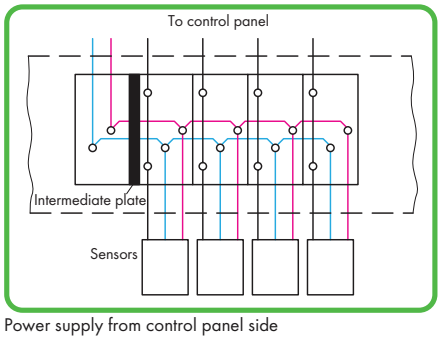




Min. mounting distance – terminal blocks to cable duct



Power supply from sensor side



Power supply from control panel side

280 Series Accessories

Appropriate marking system:
WMB (see Section 13)

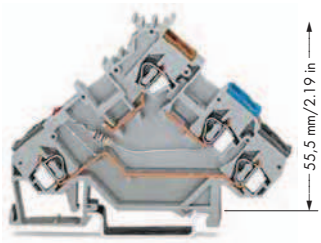
End and intermediate plate, 1 mm thick, for triple-deck terminal blocks			
	orange	**280-321**	100 (4x25)
	gray	**280-319**	100 (4x25)
Insulation stop, ❺			
	5 pcs/strip, 0.08 - 0.2 mm² "s" (0.14 mm² "f-st")		
	white	**280-470**	200 (8x25)
Insulation stop, ❺			
	5 pcs/strip, 0.25 - 0.5 mm²		
	light gray	**280-471**	200 (8x25)
Insulation stop, ❺			
	5 pcs/strip, 0.75 - 1 mm²		
	dark gray	**280-472**	200 (8x25)
Adjacent jumper, insulated,			
	I_N = I_N terminal block		
	gray	**280-402**	200 (8x25)
Screwless end stop, for DIN 35 rail, 6 mm wide			
	gray	**249-116**	100 (4x25)
Screwless end stop, for DIN 35 rail, 10 mm wide			
	gray	**249-117**	50 (2x25)

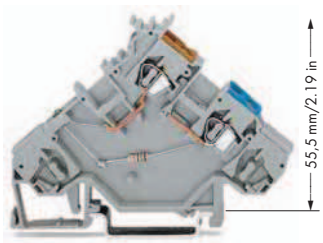
Sensor LED Terminal Blocks 2.5 mm² for 3-Conductor Sensors 280 Series

CAGE CLAMP®

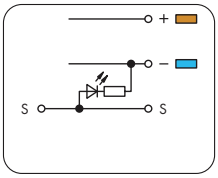
0.08 - 2.5 mm²	AWG 28 - 12 *
24 VDC ❶	24 V, 15 A
20 A	300 V, 15 A
Terminal block width 5 mm / 0.197 in	
8 - 9 mm / 0.33 in ❷	

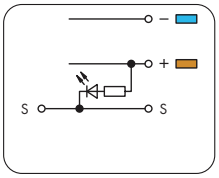
0.08 - 2.5 mm²	AWG 28 - 12 *
24 VDC ❶	24 V, 15 A
20 A	300 V, 15 A
Terminal block width 5 mm / 0.197 in	
8 - 9 mm / 0.33 in ❷	



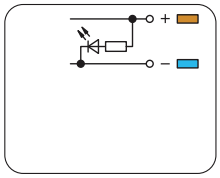


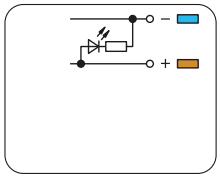
Circuit I Circuit II





Circuit I Circuit II





* AWG 12: THHN, THWN

❶ Other voltages upon request.

❷ Strip length, see packaging or instructions.



	Item No.	Pack. Unit
Sensor LED terminal block,		
for PNP (positive) switching sensors,		
additional LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit I	**280-560/281-434**	50
Sensor LED terminal block,		
for NPN (negative) switching sensors,		
red LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit II	**280-561/281-413**	50

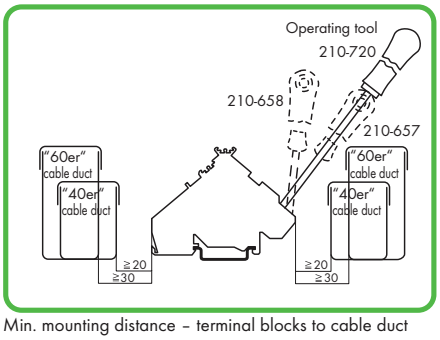
	Item No.	Pack. Unit
Sensor LED supply terminal block,		
power supply from sensor side,		
for PNP (positive) switching sensors,		
green LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit I	**280-564/281-483**	10
Sensor LED supply terminal block,		
power supply from sensor side,		
for NPN (negative) switching sensors,		
green LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit II	**280-566/281-496**	10

280 Series Accessories

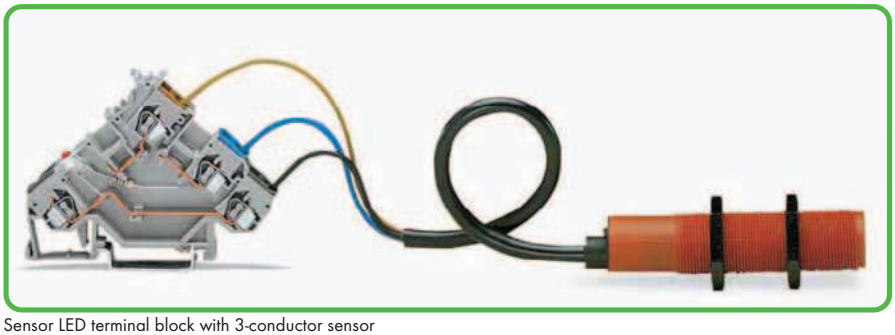
Appropriate marking system:
WMB (see Section 13)

End and intermediate plate, 1 mm thick, for triple-deck terminal blocks			
orange	**280-321**	100 (4x25)	
gray	**280-319**	100 (4x25)	
Insulation stop, 5 pcs/strip, 0.08 - 0.2 mm² "s" (0.14 mm² "f-st")			
white	**280-470**	200 (8x25)	

Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm²			
light gray	**280-471**	200 (8x25)	
Insulation stop, 5 pcs/strip, 0.75 - 1 mm²			
dark gray	**280-472**	200 (8x25)	



Min. mounting distance – terminal blocks to cable duct



Sensor LED terminal block with 3-conductor sensor

For list of approvals and user guide, see pages 634 to 637.

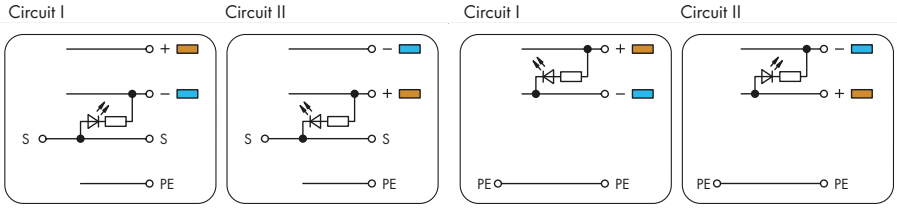
Sensor LED Terminal Blocks 2.5 mm² for 4-Conductor Sensors 280 Series

0.08 - 2.5 mm²	AWG 28 - 12 *
24 VDC ❶	24 V, 15 A
20 A	300 V, 15 A
Terminal block width 5 mm / 0.197 in	
8 - 9 mm / 0.33 in ❷	

0.08 - 2.5 mm²	AWG 28 - 12 *
24 VDC ❶	24 V, 15 A
20 A	300 V, 15 A
Terminal block width 5 mm / 0.197 in	
8 - 9 mm / 0.33 in ❷	







* AWG 12: THHN, THWN

❶ Other voltages upon request.

❷ Strip length, see packaging or instructions.



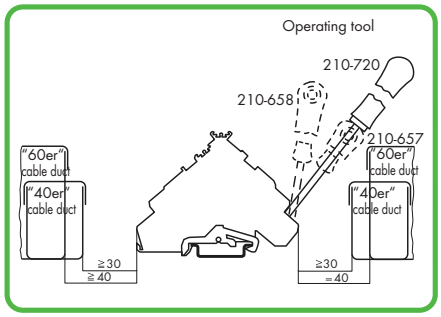
	Item No.	Pack. Unit
Sensor LED terminal block,		
for PNP (positive) switching sensors,		
red LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit I	**280-570/281-434**	50
Sensor LED terminal block,		
for NPN (negative) switching sensors,		
additional LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit II	**280-571/281-413**	50

	Item No.	Pack. Unit
Sensor LED supply terminal block,		
power supply from sensor side,		
for PNP (positive) switching sensors,		
green LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit I	**280-574/281-483**	10
Sensor LED supply terminal block,		
power supply from sensor side,		
for NPN (negative) switching sensors,		
green LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit II	**280-576/281-496**	10
Sensor LED supply terminal block,		
power supply from control panel side,		
for PNP (positive) switching sensors,		
green LED, 24 VDC, LED power consumption: 4.8 mA,		
with end plate		
◯ Circuit II	**280-577/281-496**	20

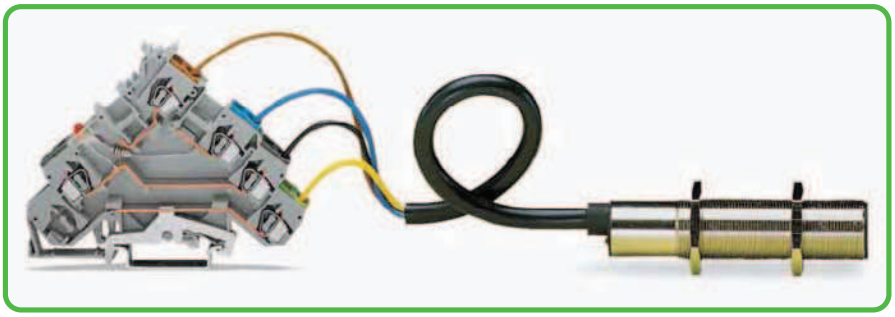
280 Series Accessories

Appropriate marking system:
WMB (see Section 13)

End and intermediate plate, 1 mm thick,			
for quadruple-deck terminal blocks			
orange	**280-323**	100 (4x25)	
gray	**280-320**	100 (4x25)	



Min. mounting distance – terminal blocks to cable duct



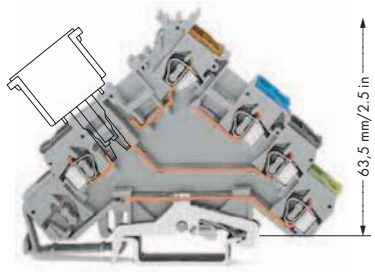
Sensor LED terminal block, with 3-conductor sensor with ground connection

For list of approvals and user guide, see pages 634 to 637.

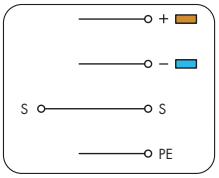
Sensor Terminal Blocks 2.5 mm² for 3-Conductor Sensors with Ground Connection
280 Series

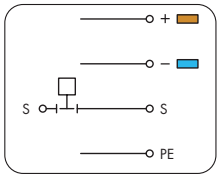
0.08 - 2.5 mm²	AWG 28 - 12 *	0.08 - 2.5 mm²	AWG 28 - 12 *	0.08 - 2.5 mm²	AWG 28 - 12 *
400 V/6 kV/3 ❶	300 V, 15 A	250 V/4 kV/3 ❶ ❷	300 V, 6 A	400 V/6 kV/3 ❶	300 V, 10 A
I_N 20 A	300 V, 15 A	I_N 6 A	300 V, 15 A	I_N 10 A	300 V, 15 A
Terminal block width 5 mm / 0.197 in		Terminal block width 5 mm / 0.197 in		Terminal block width 5 mm / 0.197 in	
8 - 9 mm / 0.33 in ❸		8 - 9 mm / 0.33 in ❸		8 - 9 mm / 0.33 in ❸	

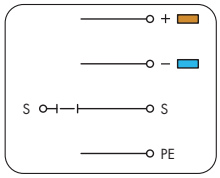










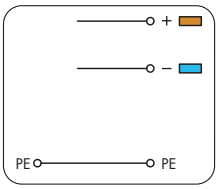


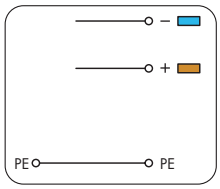
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Sensor terminal block with ground connection		**Sensor terminal block with ground connection,** for component plugs		**Sensor disconnect terminal block with ground connection,** for signal interruption	
280-570	50	**280-571** ❹	50	**280-573**	50





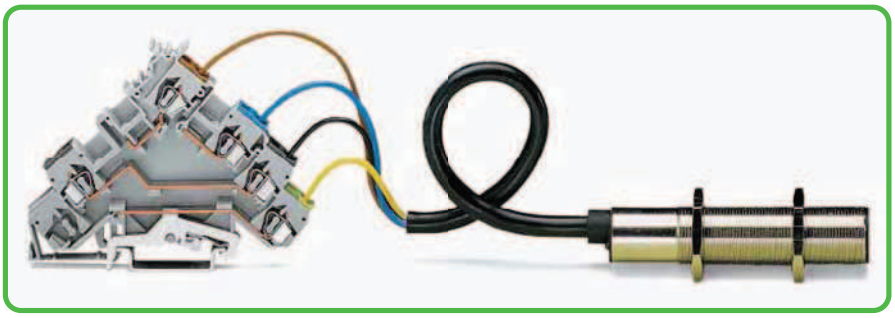






Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Sensor supply terminal block with ground connection, power supply from sensor side		**Spacer,** same profile as 4-conductor sensor terminal blocks, 3-conductor sensor terminal blocks with ground connection or appropriate actuator terminal blocks Spacers with the profile clearly differentiate between sensor or actuator terminal groups, e.g., of different power supply.		**Sensor supply terminal block with ground connection,** power supply from control panel side, with end plate	
280-574	10	**280-582**	50	**280-577**	20
				Technical data:	
				400 V/6 kV/3	I_N 20 A

For list of approvals and user guide, see pages 634 to 637.



Sensor terminal block, with 3-conductor sensor with ground connection

* AWG 12: THHN, THWN

❶ 400 V/250 V = rated voltage
6 kV/4 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

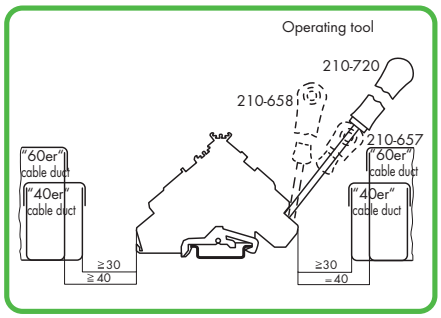
❷ Electrical ratings are given by the fuse plug or empty component plug housing.

❸ Strip length, see packaging or instructions.

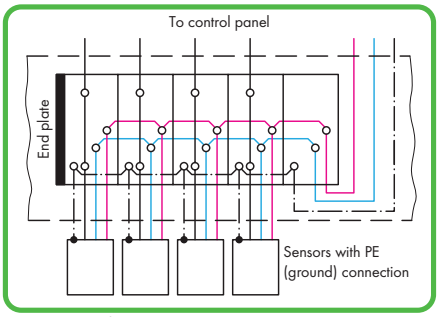
❹ For empty component plug housings, see interface modules
x = 12 mm/0.472 in
For fuse plugs, see page 232
x = 20 mm/0.787 in

❺ See application notes for:
Insulation stop, page 199

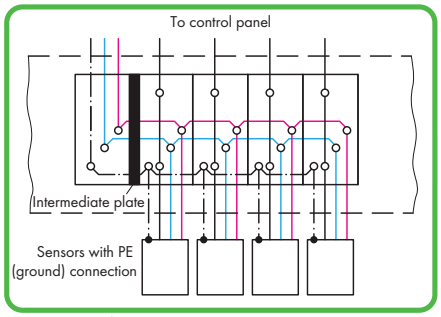




Min. mounting distance – terminal blocks to cable duct



Power supply from sensor side



Power supply from control panel side

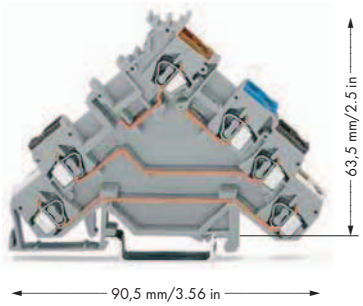
280 Series Accessories

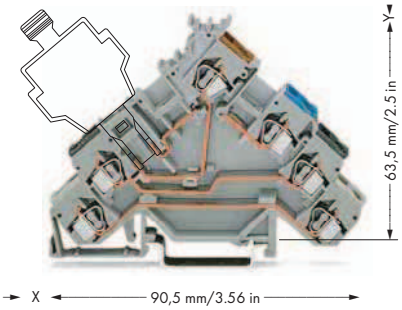
Appropriate marking system:
WMB (see Section 13)

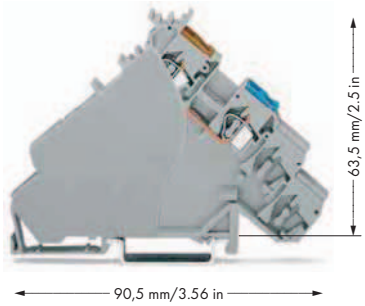
End and intermediate plate, 1 mm thick, for quadruple-deck terminal blocks			
	orange	**280-323**	100 (4x25)
	gray	**280-320**	100 (4x25)
Insulation stop, ❺			
	5 pcs/strip, 0.08 - 0.2 mm² "s" (0.14 mm² "f-st")		
	white	**280-470**	200 (8x25)
Insulation stop, ❺			
	5 pcs/strip, 0.25 - 0.5 mm²		
	light gray	**280-471**	200 (8x25)
Insulation stop, ❺			
	5 pcs/strip, 0.75 - 1 mm²		
	dark gray	**280-472**	200 (8x25)
Adjacent jumper, insulated,			
	I_N = I_N terminal block		
	gray	**280-402**	200 (8x25)
Screwless end stop, for DIN 35 rail, 6 mm wide			
	gray	**249-116**	100 (4x25)
Screwless end stop, for DIN 35 rail, 10 mm wide			
	gray	**249-117**	50 (2x25)

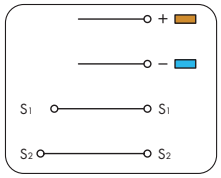
Sensor Terminal Blocks 2.5 mm² for 4-Conductor Sensors
280 Series

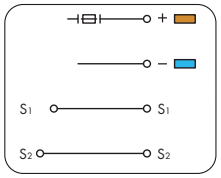
0.08 - 2.5 mm²	AWG 28 - 12 *	0.08 - 2.5 mm²	AWG 28 - 12 *	0.08 - 2.5 mm²	AWG 28 - 12 *
400 V/6 kV/3 ❶	300 V, 15 A	125 V/5 A ❷	300 V, 6 A	400 V/6 kV/3 ❶	24 V, 15 A
I_N 20 A	300 V, 15 A	250 V/6.3 A ❷	300 V, 15 A	I_N 20 A	300 V, 15 A
Terminal block width 5 mm / 0.197 in		Terminal block width 5 mm / 0.197 in		Terminal block width 6 mm / 0.236 in	
8 - 9 mm / 0.33 in ❸		8 - 9 mm / 0.33 in ❸		8 - 9 mm / 0.33 in ❸	

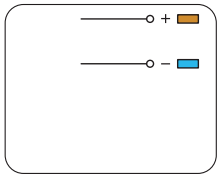








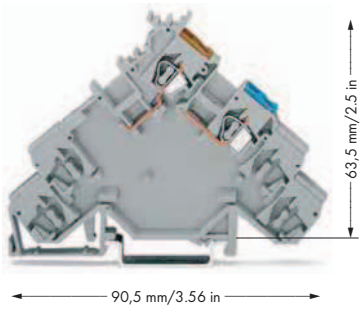


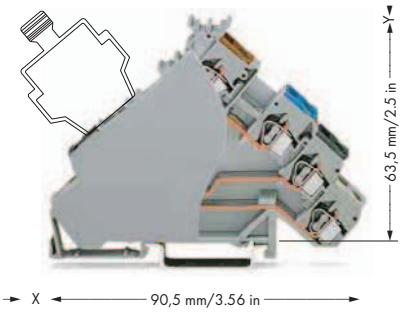


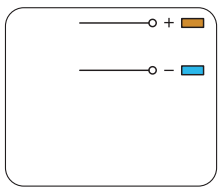
Item No.	Pack. Unit
Sensor terminal block	
○ **280-580**	50

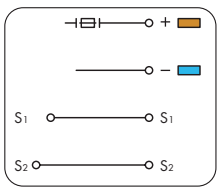
Item No.	Pack. Unit
Sensor terminal block,	
for fuse plugs,	
for PNP (positive) switching sensors without end plate	
○ **280-588** ❹	50

Item No.	Pack. Unit
Sensor supply terminal block,	
power supply from control panel side,	
with end plate	
○ **280-587**	20





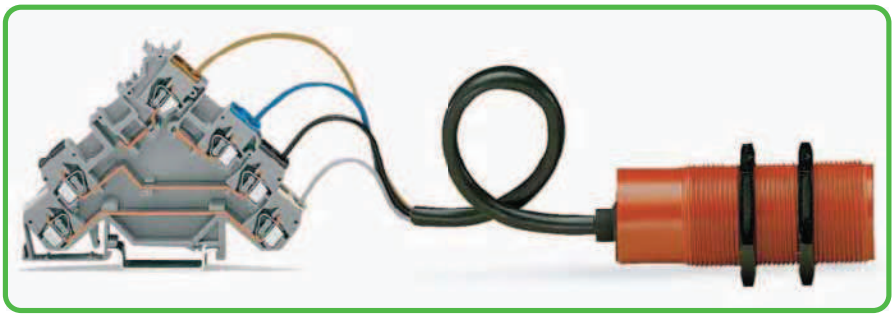




Item No.	Pack. Unit
Sensor supply terminal block,	
power supply from sensor side,	
without end plate	
○ **280-584**	10

Item No.	Pack. Unit
Sensor terminal block,	
for fuse plugs,	
for PNP (positive) switching sensors with end plate	
○ gray **280-588/280-320**	50
○ gray **280-588/280-323**	50

For list of approvals and user guide, see pages 634 to 637.



Sensor terminal block with 4-conductor sensor

* AWG 12: THHN, THWN

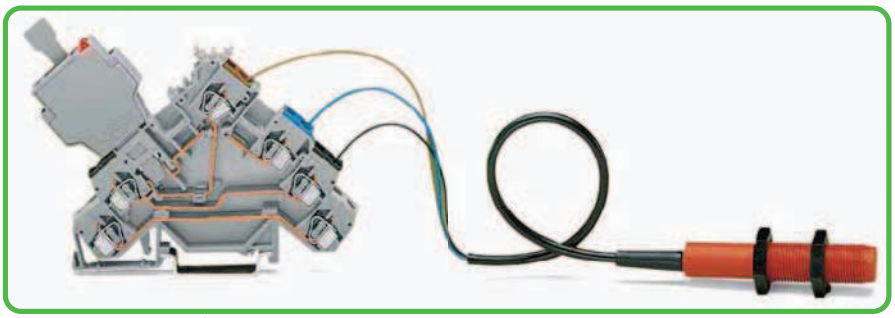
❶ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❷ Electrical ratings are given by the fuse plug or empty component plug housing.

❸ Strip length, see packaging or instructions.

❹ For empty component plug housings, see interface modules
x=12 mm/0.472 in
For fuse plugs, see page 230
x = 15.5 mm/0.61 in
y = 10 mm/0.394 in

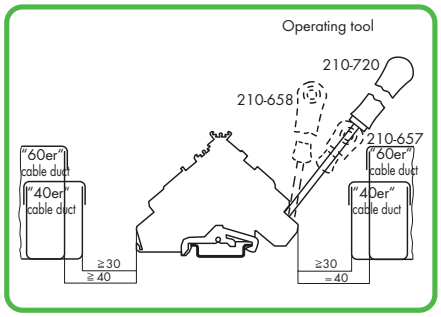
❺ See application notes for:
Insulation stop, page 199



Sensor terminal block with fuse plug, including 3-conductor sensor



The fuse plug is 1 mm/0.039 in wider than the terminal block. This means an intermediate plate has to be fitted.



Min. mounting distance – terminal blocks to cable duct

280 Series Accessories

Appropriate marking system:
WMB (see Section 13)

End and intermediate plate, 1 mm thick,			
	for quadruple-deck terminal blocks		
	orange	**280-323**	100 (4x25)
	gray	**280-320**	100 (4x25)
Insulation stop,			
❺ 	5 pcs/strip,		
	0.08 - 0.2 mm² "s" (0.14 mm² "f-st")		
	white	**280-470**	200 (8x25)
Insulation stop,			
❺ 	5 pcs/strip,		
	0.25 - 0.5 mm²		
	light gray	**280-471**	200 (8x25)
Insulation stop,			
❺ 	5 pcs/strip,		
	0.75 - 1 mm²		
	dark gray	**280-472**	200 (8x25)
Adjacent jumper, insulated,			
	I_N = I_N terminal block		
	gray	**280-402**	200 (8x25)
Screwless end stop,			
	for DIN 35 rail,		
	6 mm wide		
	gray	**249-116**	100 (4x25)
Screwless end stop,			
	for DIN 35 rail,		
	10 mm wide		
	gray	**249-117**	50 (2x25)

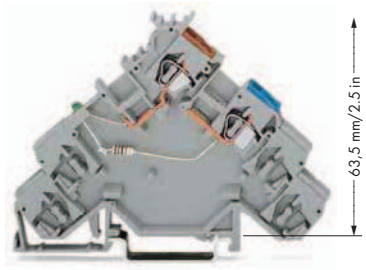
Sensor LED Terminal Blocks 2.5 mm² for 4-Conductor Sensors 280 Series

CAGE CLAMP®

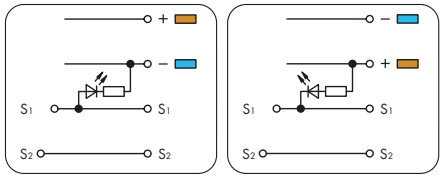
0.08 - 2.5 mm²	AWG 28 - 12 *
24 VDC ❶	24 V, 15 A
20 A	
Terminal block width 5 mm / 0.197 in	
8 - 9 mm / 0.33 in ❷	

0.08 - 2.5 mm²	AWG 28 - 12 *
24 VDC ❶	24 V, 15 A
20 A	300 V, 15 A
Terminal block width 5 mm / 0.197 in	
8 - 9 mm / 0.33 in ❷	

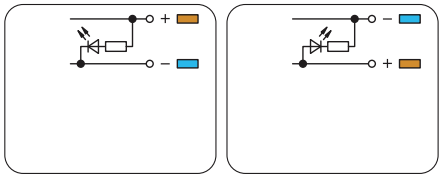




Circuit I Circuit II



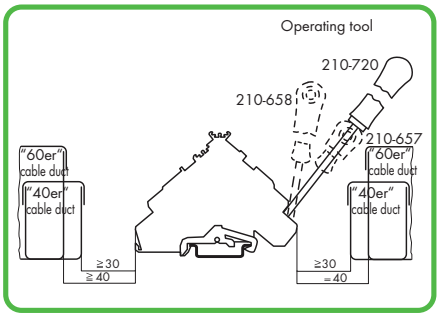
Circuit I Circuit II



* AWG 12: THHN, THWN

❶ Other voltages upon request.

❷ Strip length, see packaging or instructions.



Min. mounting distance – terminal blocks to cable duct

Item No.		Pack. Unit
Sensor LED terminal block,		
for PNP (positive) switching sensors,		
red LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit I	**280-580/281-434**	50
Sensor LED terminal block,		
for NPN (negative) switching sensors,		
red LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit II	**280-581/281-413**	50

Item No.		Pack. Unit
Sensor LED supply terminal block,		
power supply from sensor side,		
for PNP (positive) switching sensors,		
green LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit I	**280-584/281-483**	10
Sensor LED supply terminal block,		
power supply from sensor side,		
for NPN (negative) switching sensors,		
green LED, 24 VDC, LED power consumption: 4.8 mA		
◯ Circuit II	**280-586/281-496**	10

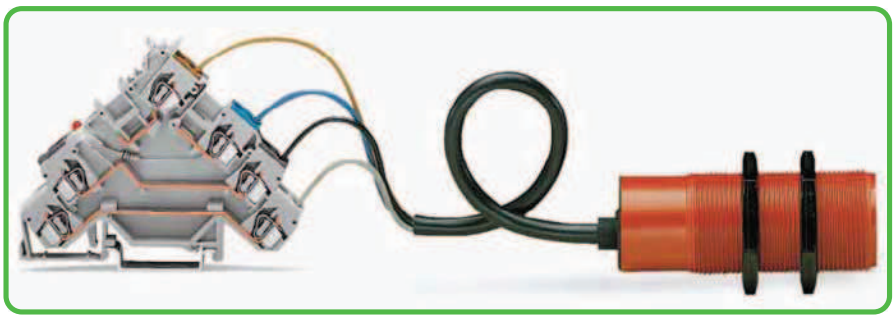
280 Series Accessories

Appropriate marking system:
WMB (see Section 13)

End and intermediate plate, 1 mm thick, for quadruple-deck terminal blocks			
orange	**280-323**	100 (4x25)	
gray	**280-320**	100 (4x25)	
Insulation stop, 5 pcs/strip, 0.08 - 0.2 mm² "s" (0.14 mm² "f-st")			
white	**280-470**	200 (8x25)	

Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm²			
light gray	**280-471**	200 (8x25)	
Insulation stop, 5 pcs/strip, 0.75 - 1 mm²			
dark gray	**280-472**	200 (8x25)	





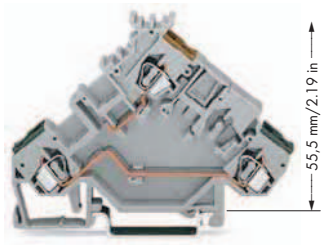
Sensor LED terminal block with 4-conductor sensor

For list of approvals and user guide, see pages 634 to 637.

Actuator Terminal Blocks 2.5 mm²
for Pressure Switches, Thermocouples, etc.
Serie 280

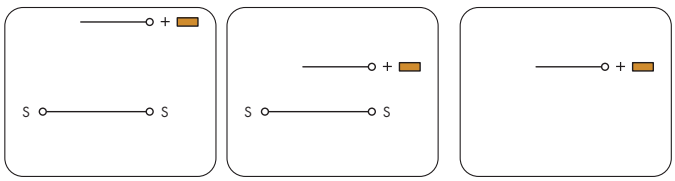
0.08 - 2.5 mm²	AWG 28 - 12 *
400 V/6 kV/3 ❶	300 V, 15 A
I_N 20 A	300 V, 15 A
Terminal block width 5 mm / 0.197 in	
8 - 9 mm / 0.33 in ❷	

0.08 - 2.5 mm²	AWG 28 - 12 *
400 V/6 kV/3 ❶	300 V, 15 A
I_N 20 A	300 V, 15 A
Terminal block width 6 mm / 0.236 in	
8 - 9 mm / 0.33 in ❷	





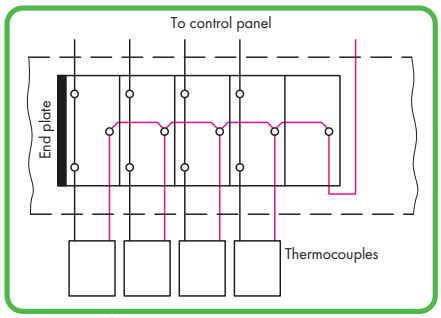
Circuit I Circuit II



* AWG 12: THHN, THWN

❶ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

❷ Strip length, see packaging or instructions.



Power supply from actuator side

	Item No.	Pack. Unit
Actuator terminal block		
Circuit I	**280-555**	50
Actuator terminal block, (no picture)		
Circuit II	**280-554**	50

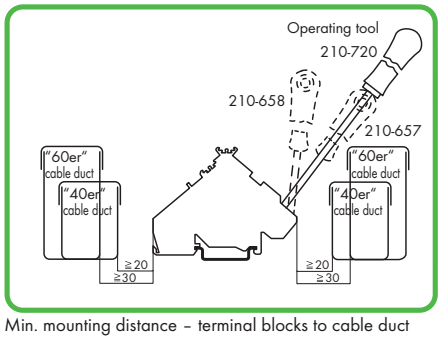
	Item No.	Pack. Unit
Actuator supply terminal block, in connection with 280-555: power supply from control cabinet side, in connection with 280-554: power supply from actuator side, with end plate		
	280-556	20

280 Series Accessories

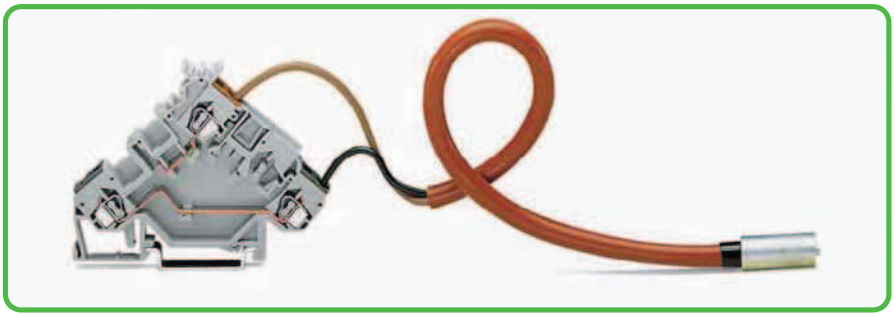
Appropriate marking system:
WMB (see Section 13)

End and intermediate plate, 1 mm thick, for triple-deck terminal blocks			
orange	**280-321**	100 (4x25)	
gray	**280-319**	100 (4x25)	
Insulation stop, 5 pcs/strip, 0.08 - 0.2 mm² "s" (0.14 mm² "f-st")			
white	**280-470**	200 (8x25)	
Screwless end stop, for DIN 35 rail, 6 mm wide			
gray	**249-116**	100 (4x25)	

Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm²		
light gray	**280-471**	200 (8x25)
Insulation stop, 5 pcs/strip, 0.75 - 1 mm²		
dark gray	**280-472**	200 (8x25)
Screwless end stop, for DIN 35 rail, 10 mm wide		
gray	**249-117**	50 (2x25)



Min. mounting distance – terminal blocks to cable duct

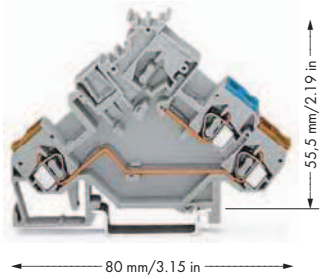


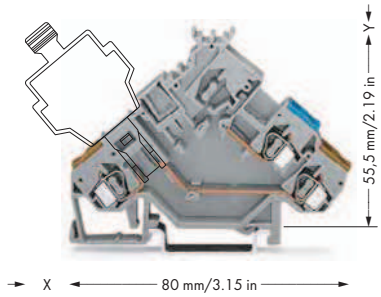
Actuator terminal block paired with a thermocouple

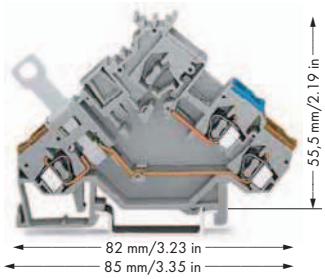
For list of approvals and user guide, see pages 634 to 637.

Actuator Terminal Blocks 2.5 mm² for Magnetic Valves, Servomotors, etc.
280 Series

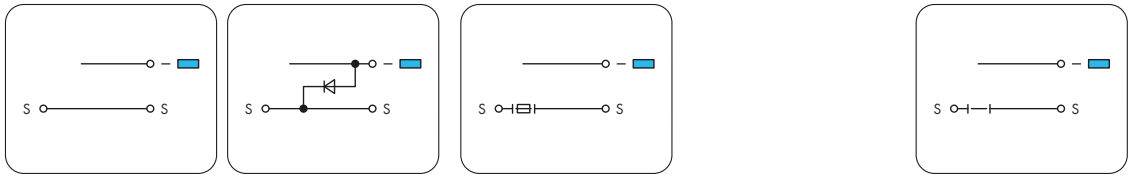
0.08 - 2.5 mm² 400 V/6 kV/3; 20 A ❶ ❷ 250 V/4 kV/3; 20 A ❶ ❷ Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸	AWG 28 - 12 * 300 V, 15 A 300 V, 15 A	0.08 - 2.5 mm² 125 V/5 A ❷ 250 V/6.3 A ❷ Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸	AWG 28 - 12 * 300 V, 6 A 300 V, 15 A	0.08 - 2.5 mm² 400 V/6 kV/3 ❶ I_N 10 A Terminal block width 5 mm / 0.197 in 8 - 9 mm / 0.33 in ❸	AWG 28 - 12 * 300 V, 10 A 300 V, 15 A







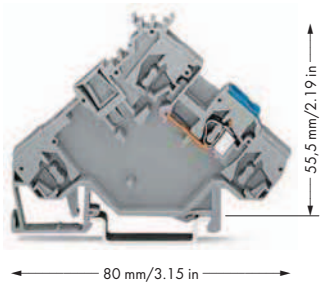
Circuit I Circuit II

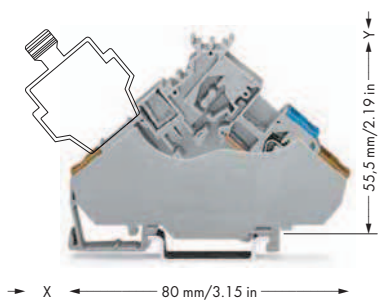


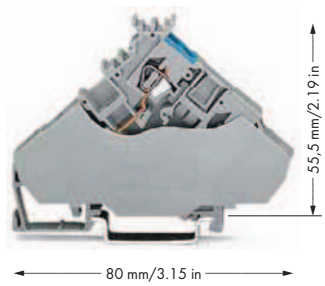
Item No.	Pack. Unit
Actuator terminal block	
◯ Circuit I **280-562**	50
Actuator terminal block,	
with recovery diode 1N4007	
◯ Circuit II **280-562/281-411**	50

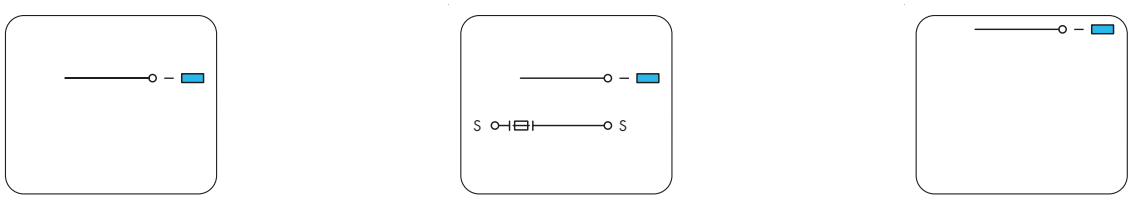
Item No.	Pack. Unit
Actuator terminal block,	
for fuse plugs,	
for fuse protection of line voltage, without end plate	
◯ **280-565** ❹	50

Item No.	Pack. Unit
Actuator disconnect terminal block,	
for interruption of line	
◯ **280-566**	50







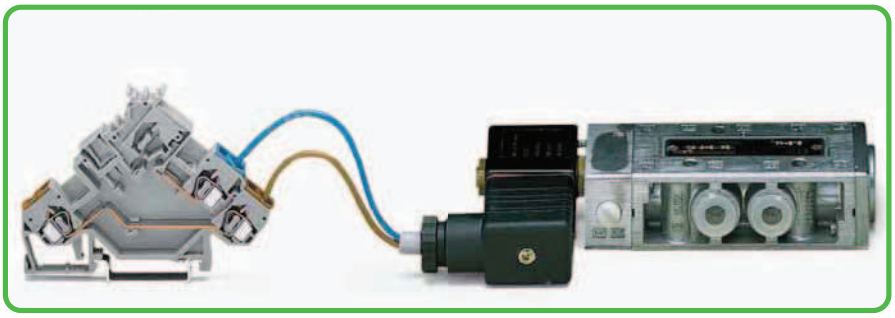


Item No.	Pack. Unit
Actuator supply terminal block,	
power supply form actuator side	
◯ **280-592**	10

Item No.	Pack. Unit
Actuator terminal block,	
for fuse plugs,	
for fuse protection of line voltage, with end plate	
◯ gray **280-565/280-319**	50
◯ gray **280-565/280-321**	50

Item No.	Pack. Unit
Actuator supply terminal block,	
power supply from control panel side,	
with end plate	
◯ **280-568**	20
Technical data:	
400 V/6 kV/3	I_N 20 A

For list of approvals and user guide, see pages 634 to 637.



Actuator terminal block paired with a magnetic valve

* AWG 12: THHN, THWN

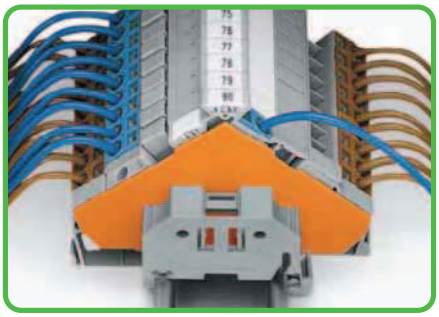
❶ 400 V/250 V = rated voltage
6 kV/4 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

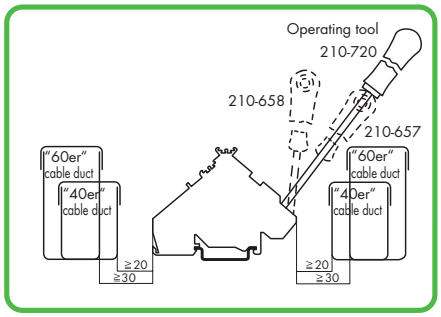
❷ Electrical ratings are given by the fuse plug or empty component plug housing.

❸ Strip length, see packaging or instructions.

❹ For empty component plug housings, see interface modules
x=12 mm/0.472 in
For fuse plugs, see page 232
x = 15.5 mm/0.61 in
y = 10 mm/0.394 in

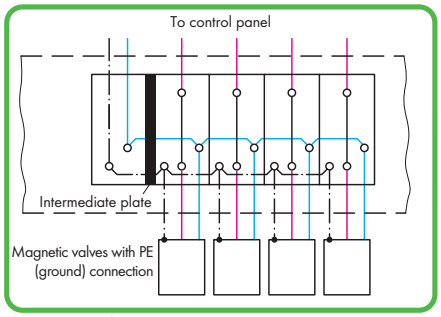
❺ See application notes for:
Insulation stop, page 199





Min. mounting distance – terminal blocks to cable duct





Power supply from control panel side

280 Series Accessories

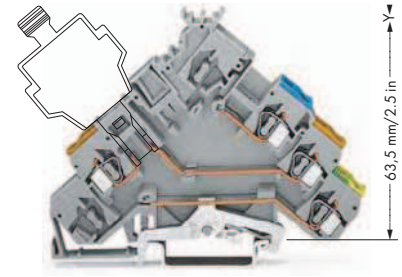
Appropriate marking system:
WMB (see Section 13)

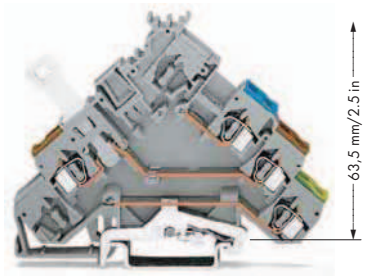
End and intermediate plate, 1 mm thick, for triple-deck terminal blocks			
	orange	**280-321**	100 (4x25)
	gray	**280-319**	100 (4x25)
Insulation stop, ❺	5 pcs/strip, 0.08 - 0.2 mm² "s" (0.14 mm² "f-st")		
	white	**280-470**	200 (8x25)
Insulation stop, ❺	5 pcs/strip, 0.25 - 0.5 mm²		
	light gray	**280-471**	200 (8x25)
Insulation stop, ❺	5 pcs/strip, 0.75 - 1 mm²		
	dark gray	**280-472**	200 (8x25)
Adjacent jumper, insulated, $I_N = I_N$ terminal block			
	gray	**280-402**	200 (8x25)
Screwless end stop, for DIN 35 rail, 6 mm wide			
	gray	**249-116**	100 (4x25)
Screwless end stop, for DIN 35 rail, 10 mm wide			
	gray	**249-117**	50 (2x25)

Actuator Terminal Blocks with Ground Connection 2.5 mm² for Magnetic Valves, Servomotors
280 Series

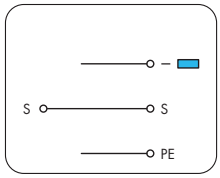
0.08 - 2.5 mm²	AWG 28 - 12 *	0.08 - 2.5 mm²	AWG 28 - 12 *	0.08 - 2.5 mm²	AWG 28 - 12 *
400 V/6 kV/3; 20 A ❶ ❷	300 V, 15 A	125 V/5 A ❷	300 V, 6 A	400 V/6 kV/3 ❶	300 V, 10 A
250 V/4 kV/3; 20 A ❶ ❷	300 V, 15 A	250 V/6.3 A ❷	300 V, 15 A	I_N 10 A	300 V, 15 A
Terminal block width 5 mm / 0.197 in		Terminal block width 5 mm / 0.197 in		Terminal block width 5 mm / 0.197 in	
8 - 9 mm / 0.33 in ❸		8 - 9 mm / 0.33 in ❸		8 - 9 mm / 0.33 in ❸	

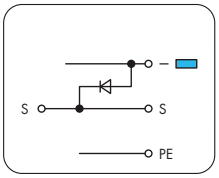


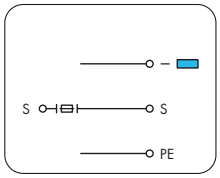


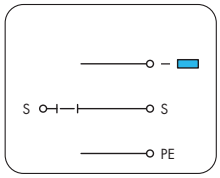


Circuit I Circuit II



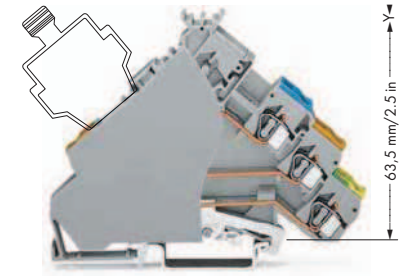




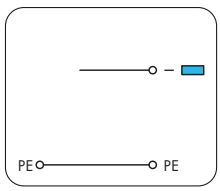


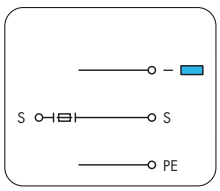
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Actuator terminal block with ground connection		**Actuator terminal block with ground connection,** for fuse plugs, for fuse protection of line voltage, without end plate		**Actuator disconnect terminal block with ground connection,** for interruption of line	
Circuit I **280-572**	50	**280-575** ❹	50	**280-576**	50
Actuator terminal block with ground connection, with recovery diode 1N4007					
Circuit II **280-572/281-411**	50				

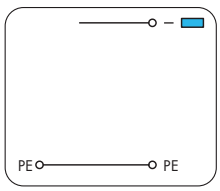












Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Actuator supply terminal block with ground connection, power supply form actuator side		**Actuator terminal block with ground connection,** for fuse plugs, for fuse protection of line voltage, with end plate		**Actuator supply terminal block with ground connection,** power supply from control panel side, with end plate	
280-593	10	gray **280-575/280-320**	50	**280-578**	20
		gray **280-575/280-323**	50		
				Technical data:	
				400 V/6 kV/3	I_N 20 A

For list of approvals and user guide, see pages 634 to 637.