

Inductive two-wire AC sensors

housing					
	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass
code	IPS-202-CA-12	IPS-202-CA-12-V	IPS-202-CA-12-VI	IPS-202-0A-12	IPS-202-0A-12-V
number of wires	2	2	2	2	2
switching distance	2 mm	2 mm	2 mm	2 mm	2 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NC	NO	NO
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Central office : No 36 , karimkhan ave. , darvazeh tehran , tabriz , iran ; zip code : 5157913399 ; P.O. box : 51575-5140  
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	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass
code	IPS-202-OA-12-VI	IPS-202-CA-12-S4	IPS-202-CA-12-VI-S4	IPS-202-CA-12-V-S4	IPS-202-OA-12-S4
number of wires	2	2	2	2	2
switching distance	2 mm	2 mm	2 mm	2 mm	2 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 66	IP 66	IP 66	IP 66
output	CABLE2X0.25-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NC	NC	NO
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	450 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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code	IPS-202-OA-12-VI-S4	IPS-202-OA-12-V-S4	IPS-204-CA-12	IPS-204-CA-12-V	IPS-204-CA-12-VI
number of wires	2	2	2	2	2
switching distance	2 mm	2 mm	4 mm	4 mm	4 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 67	IP 67	IP 67
output	4Pin SOCKET	4Pin SOCKET	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NC	NC	NC
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	450 mA	250 mA	250 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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housing					
	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass	M12X1Ni PLATED Brass
code	IPS-204-OA-12	IPS-204-OA-12-V	IPS-204-OA-12-VI	IPS-204-CA-12-S4	IPS-204-CA-12-VI-S4
number of wires	2	2	2	2	2
switching distance	4 mm	4 mm	4 mm	4 mm	4 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 66	IP 66
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NO	NC	NC
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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code	IPS-204-CA-12-V-S4	IPS-204-OA-12-S4	IPS-204-OA-12-VI-S4	IPS-204-OA-12-V-S4	IPS-203-CA-14
number of wires	2	2	2	2	2
switching distance	4 mm	4 mm	4 mm	4 mm	3 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 66	IP 67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.25-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NO	NO	NO	NC
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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housing					
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code	IPS-203-CA-14-V	IPS-203-CA-14-VI	IPS-203-OA-14	IPS-203-OA-14-V	IPS-203-OA-14-VI
number of wires	2	2	2	2	2
switching distance	3 mm	3 mm	3 mm	3 mm	3 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NO	NO	NO
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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code	IPS-203-CA-14-S4	IPS-203-CA-14-VI-S4	IPS-203-CA-14-V-S4	IPS-203-OA-14-S4	IPS-203-OA-14-VI-S4
number of wires	2	2	2	2	2
switching distance	3 mm	3 mm	3 mm	3 mm	3 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 66	IP 66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NC	NO	NO
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max noload or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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code	IPS-203-OA-14-V-S4	IPS-205-CA-14	IPS-205-CA-14-V	IPS-205-CA-14-VI	IPS-205-OA-14
number of wires	2	2	2	2	2
switching distance	3 mm	5 mm	5 mm	5 mm	5 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 67	IP 67	IP 67	IP 67
output	4Pin SOCKET	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NC	NC	NO
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	250 mA	250 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
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code	IPS-205-0A-14-V	IPS-205-0A-14-VI	IPS-205-CA-14-S4	IPS-205-CA-14-VI-S4	IPS-205-CA-14-V-S4
number of wires	2	2	2	2	2
switching distance	5 mm	5 mm	5 mm	5 mm	5 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 66	IP 66	IP 66
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NC	NC	NC
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

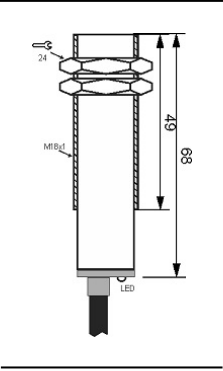
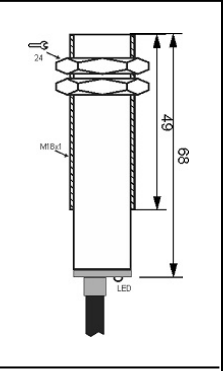
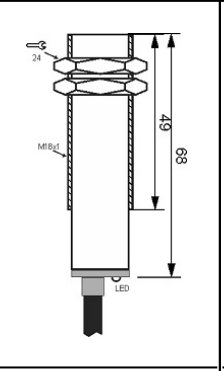
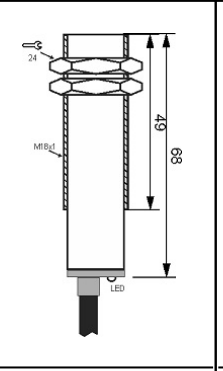
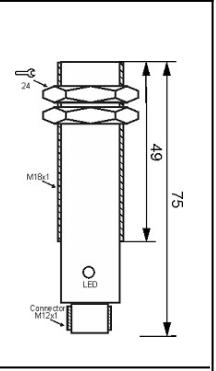
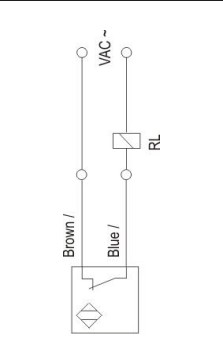
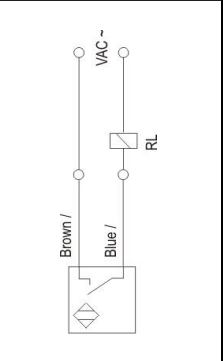
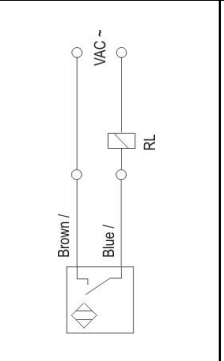
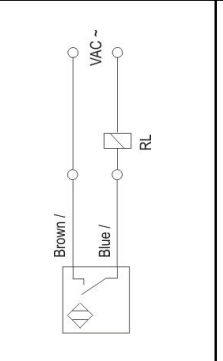
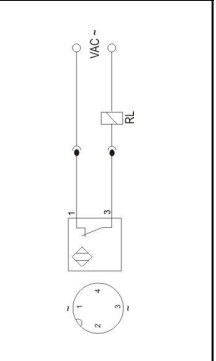
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housing					
	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M14X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass
code	IPS-205-OA-14-S4	IPS-205-OA-14-VI-S4	IPS-205-OA-14-V-S4	IPS-205-CA-18	IPS-205-CA-18-V
number of wires	2	2	2	2	2
switching distance	5 mm	5 mm	5 mm	5 mm	5 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 67	IP 67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NO	NC	NC
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)		non flush (unshielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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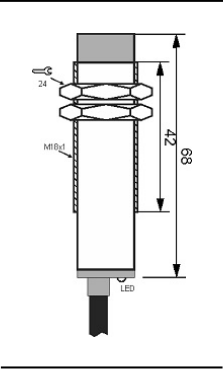
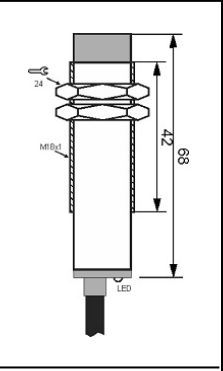
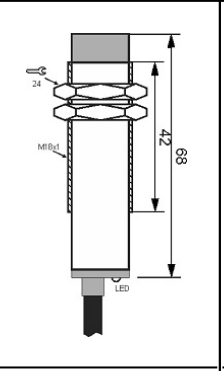
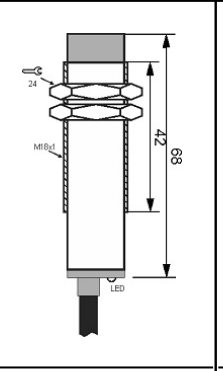
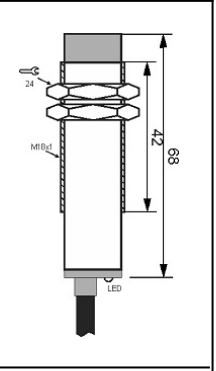
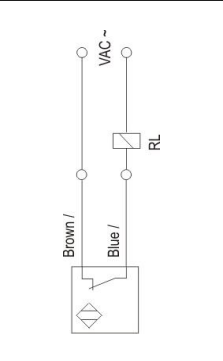
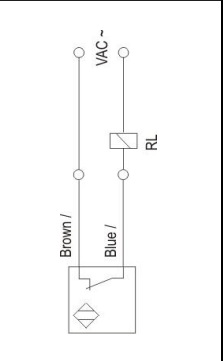
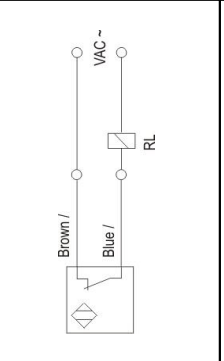
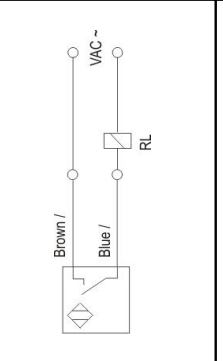
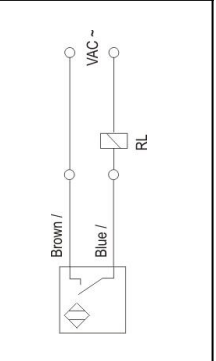
housing					
	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass
code	IPS-205-CA-18-VI	IPS-205-OA-18	IPS-205-OA-18-V	IPS-205-OA-18-VI	IPS-205-CA-18-S4
number of wires	2	2	2	2	2
switching distance	5 mm	5 mm	5 mm	5 mm	5 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 66
output	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NO	NO	NO	NC
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	450 mA	250 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

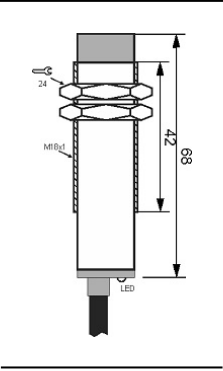
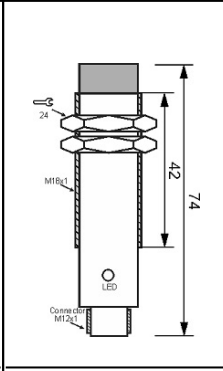
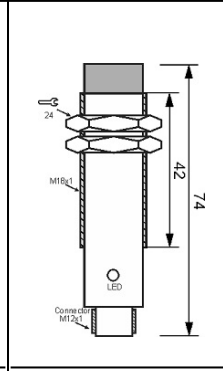
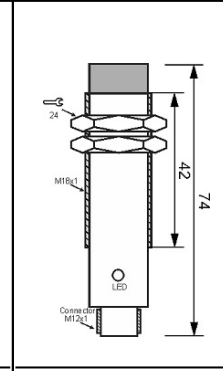
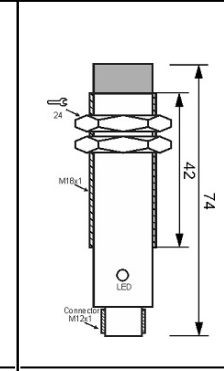
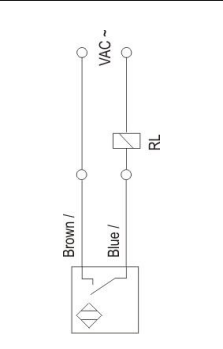
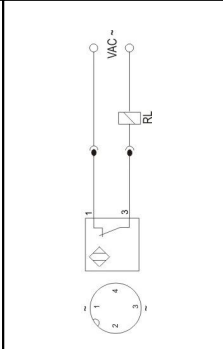
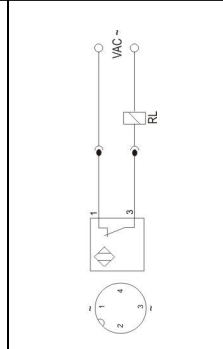
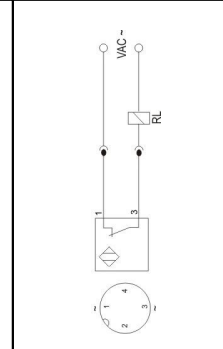
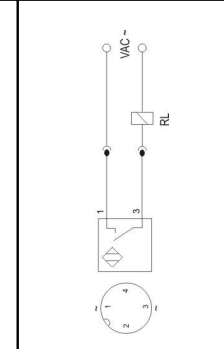
housing					
	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass
code	IPS-205-CA-18-VI-S4	IPS-205-CA-18-V-S4	IPS-205-0A-18-S4	IPS-205-0A-18-VI-S4	IPS-205-0A-18-V-S4
number of wires	2	2	2	2	2
switching distance	5 mm	5 mm	5 mm	5 mm	5 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 66	IP 66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NO	NO	NO
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	450 mA	250 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire AC sensors

housing					
	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass
code	IPS-208-CA-18	IPS-208-CA-18-V	IPS-208-CA-18-VI	IPS-208-OA-18	IPS-208-OA-18-V
number of wires	2	2	2	2	2
switching distance	8 mm	8 mm	8 mm	8 mm	8 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NC	NO	NO
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass
code	IPS-208-OA-18-VI	IPS-208-CA-18-S4	IPS-208-CA-18-VI-S4	IPS-208-CA-18-V-S4	IPS-208-OA-18-S4
number of wires	2	2	2	2	2
switching distance	8 mm	8 mm	8 mm	8 mm	8 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 66	IP 66	IP 66	IP 66
output	CABLE2X0.35-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NC	NC	NO
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	450 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	M18X1Ni PLATED Brass	M18X1Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass
code	IPS-208-OA-18-VI-S4	IPS-208-OA-18-V-S4	IPS-208-CA-22	IPS-208-CA-22-V	IPS-208-CA-22-VI
number of wires	2	2	2	2	2
switching distance	8 mm	8 mm	8 mm	8 mm	8 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 67	IP 67	IP 67
output	4Pin SOCKET	4Pin SOCKET	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NC	NC	NC
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	450 mA	250 mA	250 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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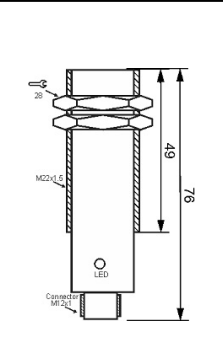
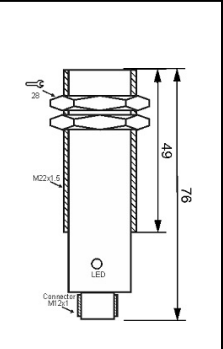
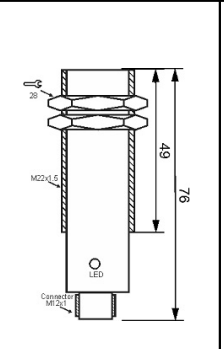
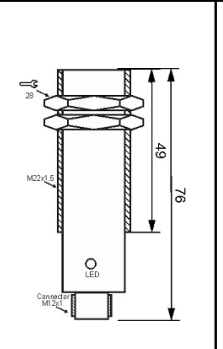
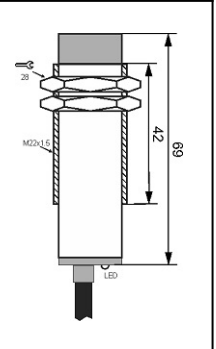
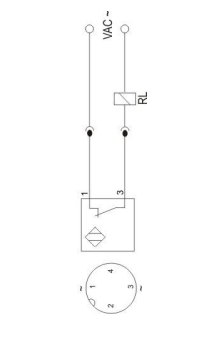
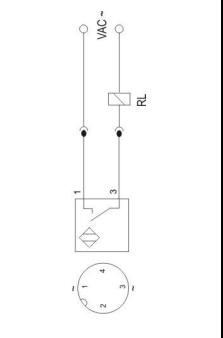
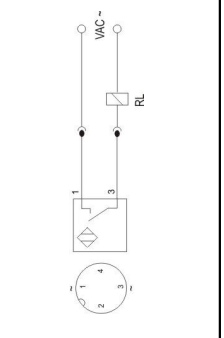
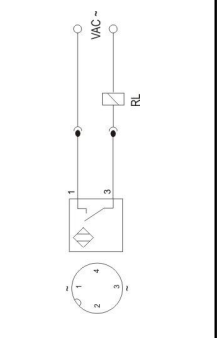
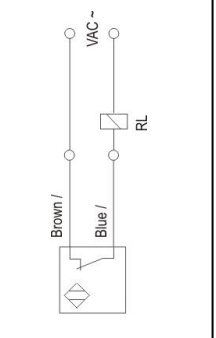
Inductive two-wire AC sensors

housing					
	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass
code	IPS-208-0A-22	IPS-208-0A-22-V	IPS-208-0A-22-VI	IPS-208-CA-22-S4	IPS-208-CA-22-VI-S4
number of wires	2	2	2	2	2
switching distance	8 mm	8 mm	8 mm	8 mm	8 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 66	IP 66
output	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NO	NC	NC
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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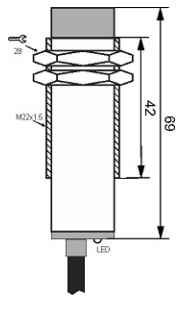
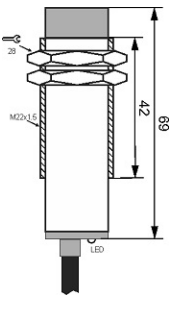
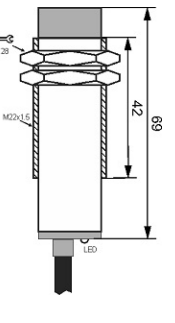
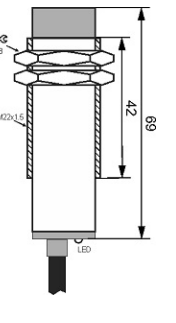
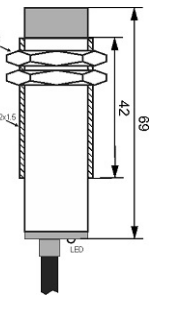
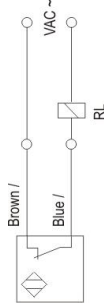
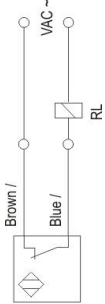
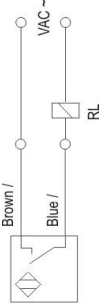
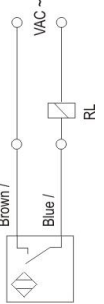
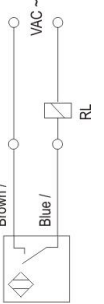


Inductive two-wire AC sensors

housing					
	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass
code	IPS-208-CA-22-V-S4	IPS-208-OA-22-S4	IPS-208-OA-22-VI-S4	IPS-208-OA-22-V-S4	IPS-210-CA-22
number of wires	2	2	2	2	2
switching distance	8 mm	8 mm	8 mm	8 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 66	IP 67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.35-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NO	NO	NO	NC
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass
code	IPS-210-CA-22-V	IPS-210-CA-22-VI	IPS-210-OA-22	IPS-210-OA-22-V	IPS-210-OA-22-VI
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NO	NO	NO
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

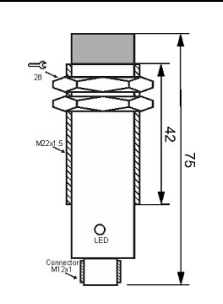
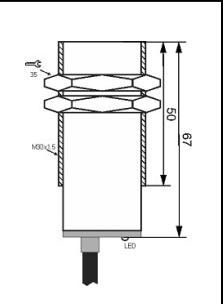
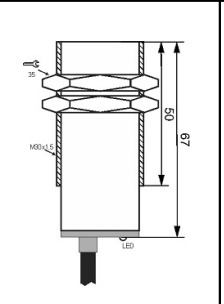
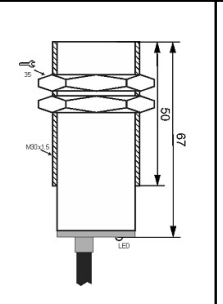
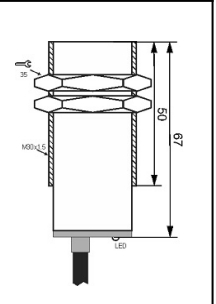
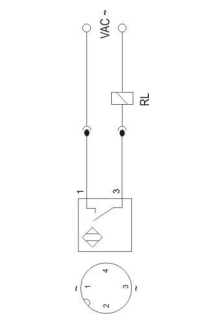
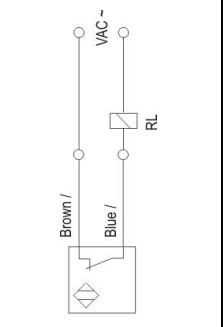
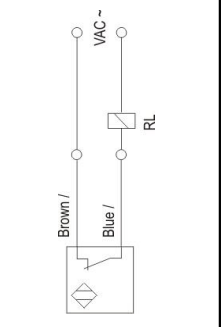
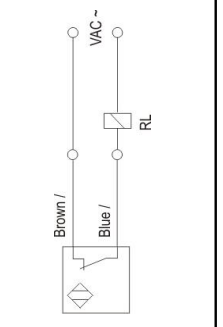
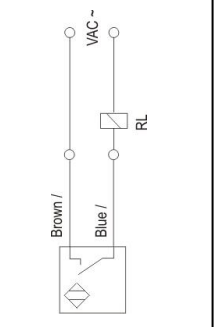
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Inductive two-wire AC sensors

housing					
	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass	M22X1.5Ni PLATED Brass
code	IPS-210-CA-22-S4	IPS-210-CA-22-VI-S4	IPS-210-CA-22-V-S4	IPS-210-OA-22-S4	IPS-210-OA-22-VI-S4
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 66	IP 66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NC	NO	NO
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	M22X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass
code	IPS-210-OA-22-V-S4	IPS-210-CA-30	IPS-210-CA-30-V	IPS-210-CA-30-VI	IPS-210-OA-30
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 67	IP 67	IP 67	IP 67
output	4Pin SOCKET	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NC	NC	NO
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	250 mA	250 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass
code	IPS-210-0A-30-V	IPS-210-0A-30-VI	IPS-210-CA-30-S4	IPS-210-CA-30-VI-S4	IPS-210-CA-30-V-S4
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 66	IP 66	IP 66
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NC	NC	NC
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max noload or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

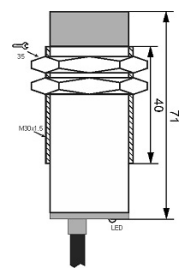
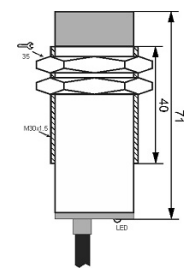
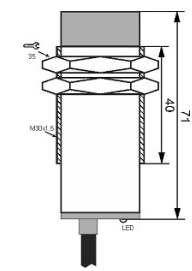
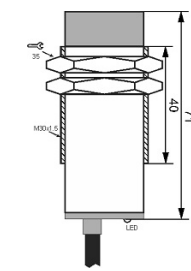
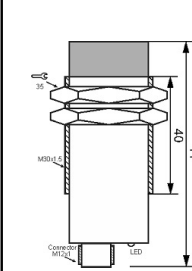
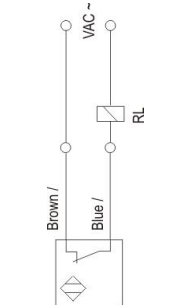
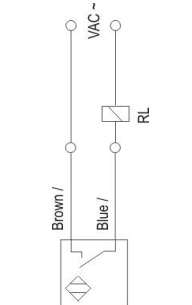
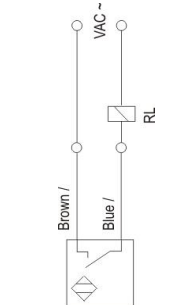
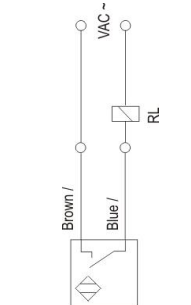
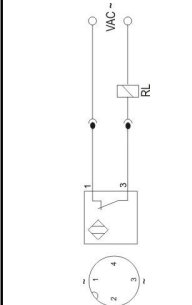
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Inductive two-wire AC sensors

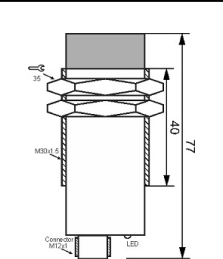
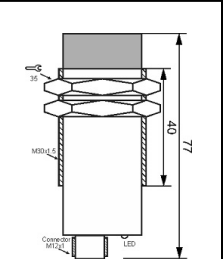
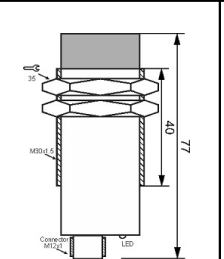
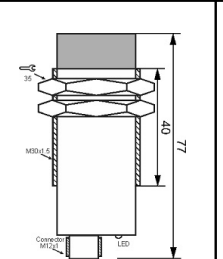
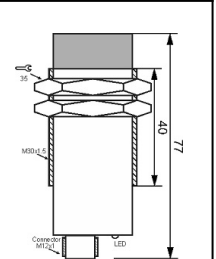
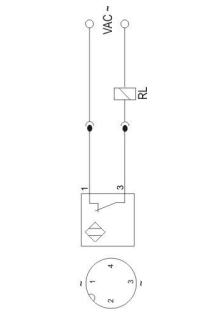
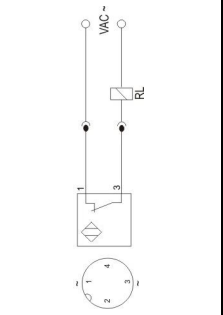
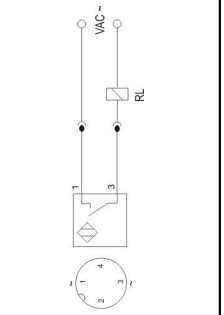
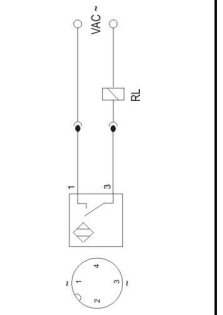
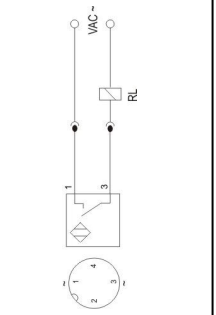
housing					
	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass
code	IPS-210-OA-30-S4	IPS-210-OA-30-VI-S4	IPS-210-OA-30-V-S4	IPS-215-CA-30	IPS-215-CA-30-V
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	15 mm	15 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 67	IP 67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NO	NC	NC
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass
code	IPS-215-CA-30-VI	IPS-215-OA-30	IPS-215-OA-30-V	IPS-215-OA-30-VI	IPS-215-CA-30-S4
number of wires	2	2	2	2	2
switching distance	15 mm	15 mm	15 mm	15 mm	15 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 66
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NO	NO	NO	NC
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	450 mA	250 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

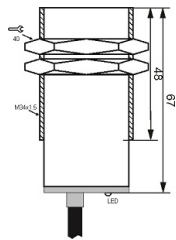
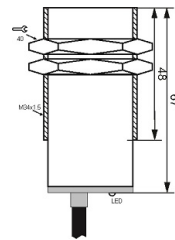
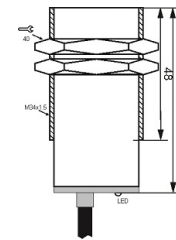
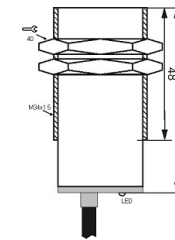
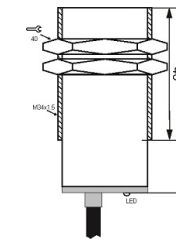
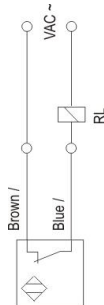
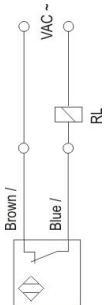
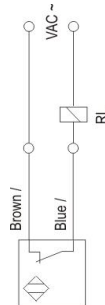
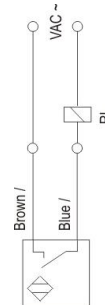
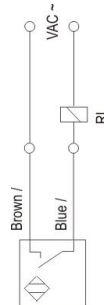
Inductive two-wire AC sensors

housing					
	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass	M30X1.5Ni PLATED Brass
code	IPS-215-CA-30-VI-S4	IPS-215-CA-30-V-S4	IPS-215-0A-30-S4	IPS-215-0A-30-VI-S4	IPS-215-0A-30-V-S4
number of wires	2	2	2	2	2
switching distance	15 mm	15 mm	15 mm	15 mm	15 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 66	IP 66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NO	NO	NO
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	450 mA	250 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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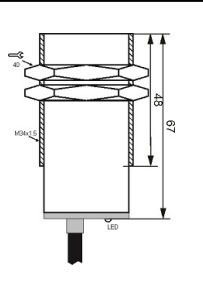
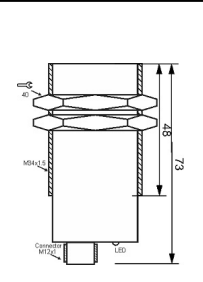
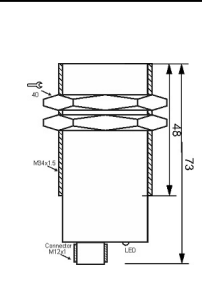
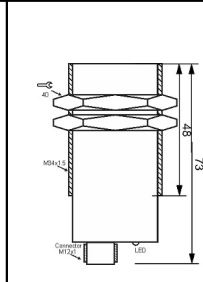
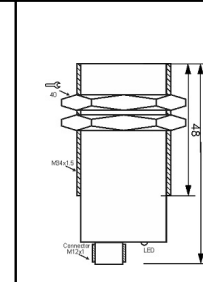
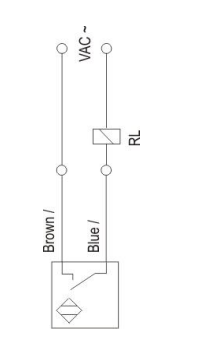
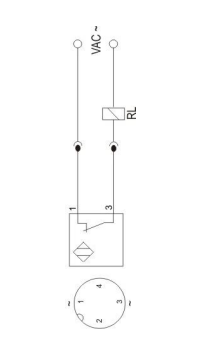
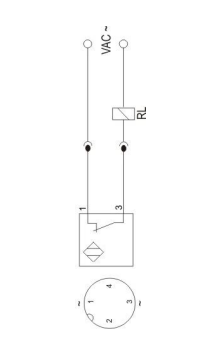
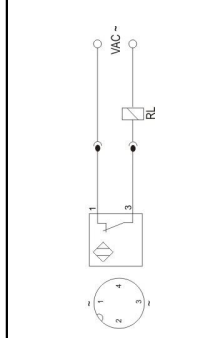
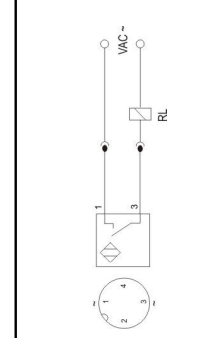


Inductive two-wire AC sensors

housing					
	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass
code	IPS-215-CA-34	IPS-215-CA-34-V	IPS-215-CA-34-VI	IPS-215-0A-34	IPS-215-0A-34-V
number of wires	2	2	2	2	2
switching distance	15 mm	15 mm	15 mm	15 mm	15 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NC	NO	NO
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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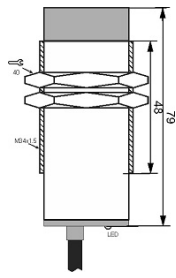
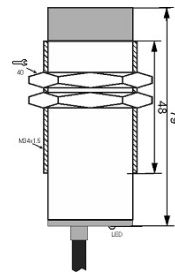
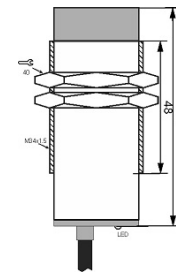
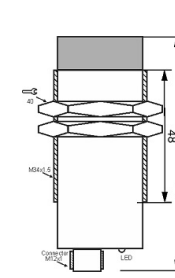
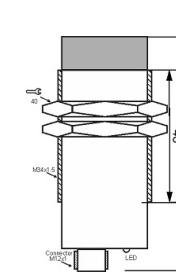
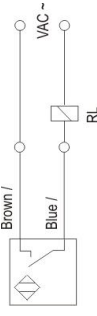
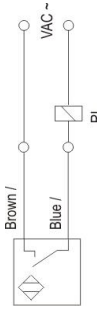
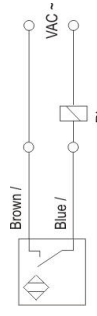
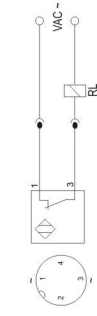
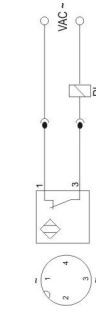
Inductive two-wire AC sensors

housing					
	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass
code	IPS-215-0A-34-VI	IPS-215-CA-34-S4	IPS-215-CA-34-VI-S4	IPS-215-CA-34-V-S4	IPS-215-0A-34-S4
number of wires	2	2	2	2	2
switching distance	15 mm	15 mm	15 mm	15 mm	15 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 66	IP 66	IP 66	IP 66
output	CABLE2X0.5-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NC	NC	NO
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	450 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire AC sensors

housing					
	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass
code	IPS-215-0A-34-VI-S4	IPS-215-0A-34-V-S4	IPS-220-CA-34	IPS-220-CA-34-V	IPS-220-CA-34-VI
number of wires	2	2	2	2	2
switching distance	15 mm	15 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 67	IP 67	IP 67
output	4Pin SOCKET	4Pin SOCKET	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NC	NC	NC
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	450 mA	250 mA	250 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max noload or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire AC sensors

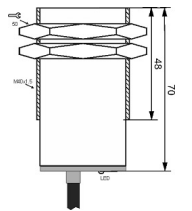
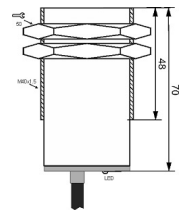
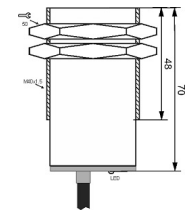
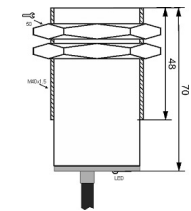
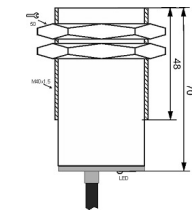
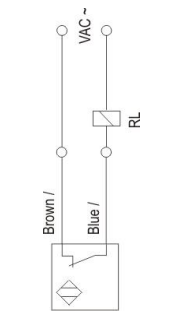
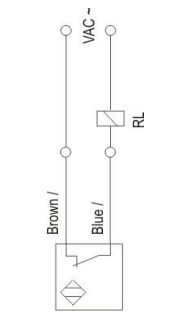
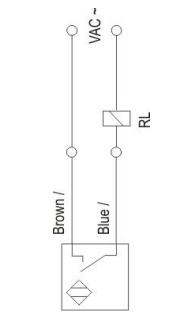
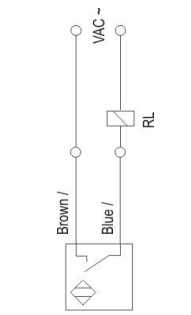
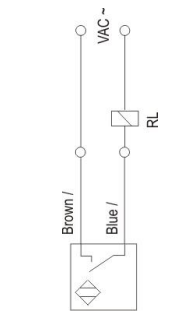
housing					
	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass
code	IPS-220-0A-34	IPS-220-0A-34-V	IPS-220-0A-34-VI	IPS-220-CA-34-S4	IPS-220-CA-34-VI-S4
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 66	IP 66
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NO	NC	NC
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max noload or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M34X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass
code	IPS-220-CA-34-V-S4	IPS-220-OA-34-S4	IPS-220-OA-34-VI-S4	IPS-220-OA-34-V-S4	IPS-220-CA-40
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 66	IP 67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NO	NO	NO	NC
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire AC sensors

housing					
	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass
code	IPS-220-CA-40-V	IPS-220-CA-40-VI	IPS-220-OA-40	IPS-220-OA-40-V	IPS-220-OA-40-VI
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NO	NO	NO
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max noload or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass	M40X1.5Ni PLATED Brass
code	IPS-220-CA-40-S4	IPS-220-CA-40-VI-S4	IPS-220-CA-40-V-S4	IPS-220-OA-40-S4	IPS-220-OA-40-VI-S4
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 66	IP 66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NC	NO	NO
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	M40X1.5Ni PLATED Brass	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP
code	IPS-220-0A-40-V-S4	IPS-210-CA-P22-VI-S4	IPS-210-0A-P22-VI-S4	IPS-210-CA-P22	IPS-210-CA-P22-V
number of wires	2	2	2	2	2
switching distance	20 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 67	IP 67
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NO	NC	NC
voltage range	20-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	450 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP
code	IPS-210-CA-P22-VI	IPS-210-OA-P22	IPS-210-OA-P22-V	IPS-210-OA-P22-VI	IPS-210-CA-P22-S4
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 66
output	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	CABLE2X0.35-1.5m	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NO	NO	NO	NC
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	450 mA	250 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	22mm dia. PA or PP	22mm dia. PA or PP	22mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP
code	IPS-210-CA-P22-V-S4	IPS-210-OA-P22-S4	IPS-210-OA-P22-V-S4	IPS-220-CA-P34-VI-S4	IPS-220-OA-P34-VI-S4
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 66	IP 66	IP 66	IP 66
output	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NO	NO	NC	NO
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	20-250VAC
max output current	250 mA	250 mA	250 mA	450 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP
code	IPS-220-CA-P34	IPS-220-CA-P34-V	IPS-220-CA-P34-VI	IPS-220-OA-P34	IPS-220-OA-P34-V
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NC	NO	NO
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

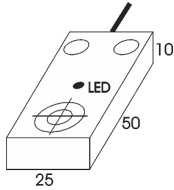
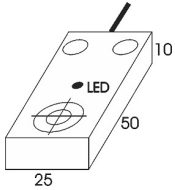
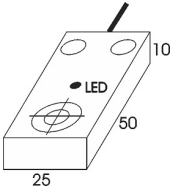
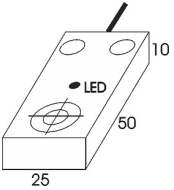
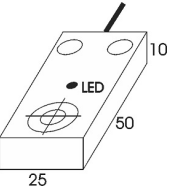
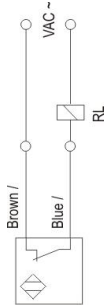
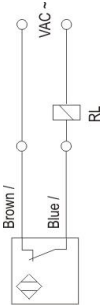
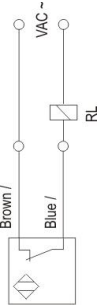
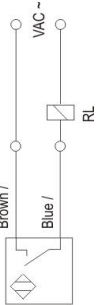
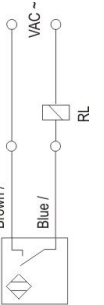
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Inductive two-wire AC sensors

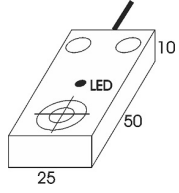
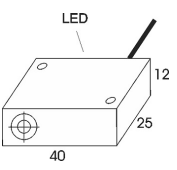
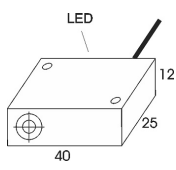
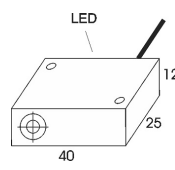
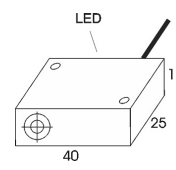
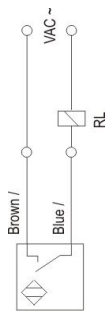
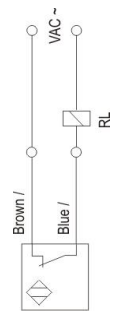
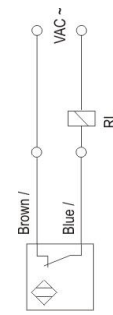
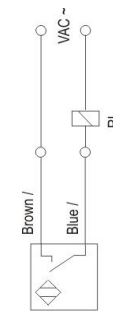
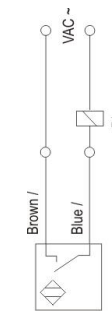
housing					
	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP	34mm dia. PA or PP
code	IPS-220-OA-P34-VI	IPS-220-CA-P34-S4	IPS-220-CA-P34-V-S4	IPS-220-OA-P34-S4	IPS-220-OA-P34-V-S4
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 66	IP 66	IP 66	IP 66
output	CABLE2X0.5-1.5m	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET	4Pin SOCKET
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NC	NO	NO
voltage range	20-250VAC	90-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	450 mA	250 mA	250 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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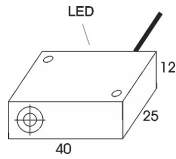
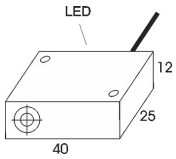
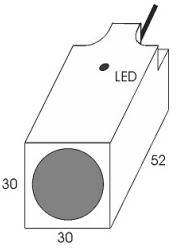
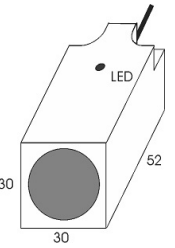
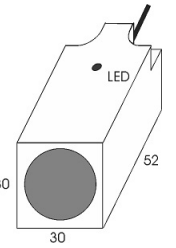
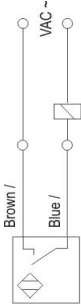
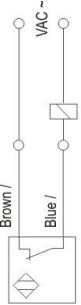
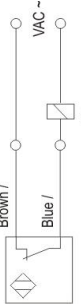
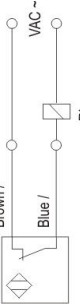
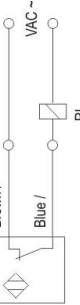
Inductive two-wire AC sensors

housing					
	REC. 10X50X25 PA or PP	REC. 10X50X25 PA or PP	REC. 10X50X25 PA or PP	REC. 10X50X25 PA or PP	REC. 10X50X25 PA or PP
code	IPS-205-CA-R10	IPS-205-CA-R10-V	IPS-205-CA-R10-VI	IPS-205-OA-R10	IPS-205-OA-R10-V
number of wires	2	2	2	2	2
switching distance	5 mm	5 mm	5 mm	5 mm	5 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NC	NO	NO
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)	flush(shielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire AC sensors

housing					
	REC. 10X50X25 PA or PP	REC. 12X40X25 PA or PP	REC. 12X40X25 PA or PP	REC. 12X40X25 PA or PP	REC. 12X40X25 PA or PP
code	IPS-205-0A-R10-VI	IPS-204-CA-R12	IPS-204-CA-R12-VI	IPS-204-0A-R12	IPS-204-0A-R12-V
number of wires	2	2	2	2	2
switching distance	5 mm	4 mm	4 mm	4 mm	4 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NC	NO	NO
voltage range	20-250VAC	90-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	450 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max noload or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	flush(shielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire AC sensors

housing					
	REC. 12X40X25 PA or PP	REC. 12X40X25 PA or PP	REC. 30X30X52 PA or PP	REC. 30X30X52 PA or PP	REC. 30X30X52 PA or PP
code	IPS-204-OA-R12-VI	IPS-204-CA-R12-V	IPS-210-CA-R30	IPS-210-CA-R30-V	IPS-210-CA-R30-VI
number of wires	2	2	2	2	2
switching distance	4 mm	4 mm	10 mm	10 mm	10 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP67	IP 67	IP 67	IP 67
output	CABLE2X0.25-1.5m	CABLE2X0.25-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NC	NC	NC
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	450 mA	250 mA	250 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	1	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	REC. 30X30X52 PA or PP	REC. 30X30X52 PA or PP	REC. 30X30X52 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP
code	IPS-210-OA-R30	IPS-210-OA-R30-V	IPS-210-OA-R30-VI	IPS-220-OA-R40-T	IPS-220-OA-R40-VI-T
number of wires	2	2	2	2	2
switching distance	10 mm	10 mm	10 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 66	IP 66
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	TERMINAL	TERMINAL
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NO	NO	NO
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	450 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP
code	IPS-220-OA-R40-V-T	IPS-220-CA-R40	IPS-220-CA-R40-V	IPS-220-CA-R40-VI	IPS-220-OA-R40
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 66	IP 67	IP 67	IP 67	IP 67
output	TERMINAL	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NC	NC	NO
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	250 mA	250 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

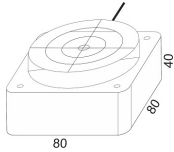
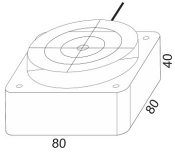
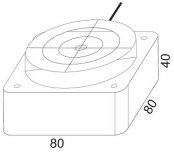
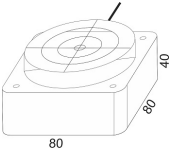
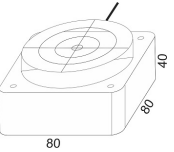
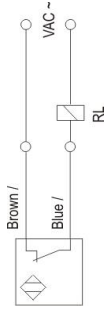
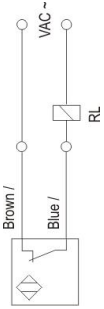
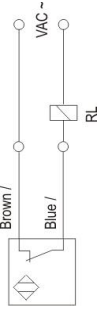
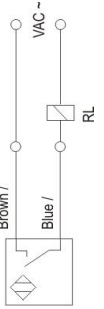
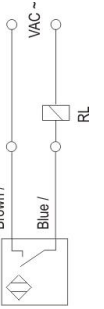
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Inductive two-wire AC sensors

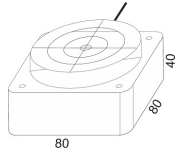
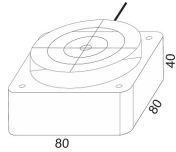
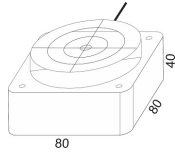
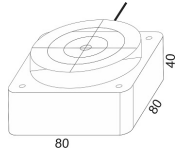
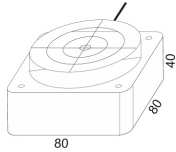
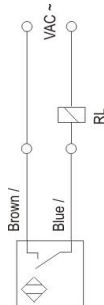
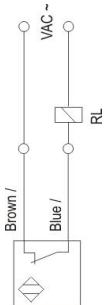
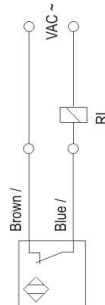
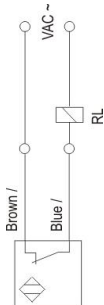
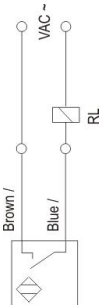
housing					
	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP	REC. 40X40X113 PA or PP
code	IPS-220-OA-R40-V	IPS-220-OA-R40-VI	IPS-220-CA-R40-T	IPS-220-CA-R40-VI-T	IPS-220-CA-R40-V-T
number of wires	2	2	2	2	2
switching distance	20 mm	20 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 66	IP 66	IP 66
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	TERMINAL	TERMINAL	TERMINAL
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NC	NC	NC
voltage range	20-250VAC	20-250VAC	90-250VAC	20-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing					
	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP
code	IPS-235-CA-R80	IPS-235-CA-R80-V	IPS-235-CA-R80-VI	IPS-235-OA-R80	IPS-235-OA-R80-V
number of wires	2	2	2	2	2
switching distance	35 mm	35 mm	35 mm	35 mm	35 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NC	NC	NC	NO	NO
voltage range	90-250VAC	20-250VAC	20-250VAC	90-250VAC	20-250VAC
max output current	250 mA	250 mA	450 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire AC sensors

housing					
	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP
code	IPS-235-OA-R80-VI	IPS-245-CA-R80	IPS-245-CA-R80-V	IPS-245-CA-R80-VI	IPS-245-OA-R80
number of wires	2	2	2	2	2
switching distance	35 mm	45 mm	45 mm	45 mm	45 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP 67	IP 67	IP 67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NC	NC	NC	NO
voltage range	20-250VAC	90-250VAC	20-250VAC	20-250VAC	90-250VAC
max output current	450 mA	250 mA	250 mA	450 mA	250 mA
max output frequency	20 Hz	20 Hz	20 Hz	20 Hz	20 Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10 V	10 V	10 V
max no-load or leakage current	3 mA	3 mA	3 mA	3 mA	3 mA
pressure rate	3 bar	3 bar	3 bar	3 bar	3 bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

Inductive two-wire AC sensors

housing					
	REC. 80X80X40 PA or PP	REC. 80X80X40 PA or PP	SWIVEL REC. 40X40X113 PA	SWIVEL REC. 40X40X113 PA	SWIVEL REC. 40X40X113 PA
code	IPS-245-OA-R80-V	IPS-245-OA-R80-VI	IPS-220-CA-SR40	IPS-220-OA-SR40	IPS-220-CA-SR40-V
number of wires	2	2	2	2	2
output type			THYRISTOR	THYRISTOR	THYRISTOR
switching distance	45 mm	45 mm	20 mm	20 mm	20 mm
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C	-20~+60 °C
influence protection	IP 67	IP 67	IP67	IP67	IP67
output	CABLE2X0.5-1.5m	CABLE2X0.5-1.5m	CABLE2X0.5+TERMINAL	CABLE2X0.5+TERMINAL	CABLE2X0.5+TERMINAL
output stage	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR	THYRISTOR
output function	NO	NO	NC	NO	NC
voltage range	20-250VAC	20-250VAC	90-250VAC	90-250VAC	20-250VAC
max output current	250 mA	450 mA	250 mA	250 mA	250 mA
max output frequency	20 Hz	20 Hz	20Hz	20Hz	20Hz
indicator led	yes	yes	yes	yes	yes
max drop voltage	10 V	10 V	10V	10V	10V
max no-load or leakage current	3 mA	3 mA	3mA	3mA	3mA
pressure rate	3 bar	3 bar	3bar	3bar	3bar
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)
revers voltage protection	no	no	no	no	no
short circuit protection	no	no	no	no	no
pick voltage protection	yes	yes	yes	yes	yes
circuit					

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Inductive two-wire AC sensors

housing						
	SWIVEL REC. 40X40X113 PA	SWIVEL REC. 40X40X113 PA	SWIVEL REC. 40X40X113 PA			
	code	IPS-220-0A-SR40-V	IPS-220-0A-SR40-VI	IPS-220-CA-SR40-VI		
	number of wires	2	2	2		
output type	THYRISTOR	THYRISTOR	THYRISTOR			
switching distance	20 mm	20 mm	20 mm			
temperature range	-20~+60 °C	-20~+60 °C	-20~+60 °C			
influence protection	IP67	IP67	IP67			
output	CABLE2X0.5+TERMINAL	CABLE2X0.5+TERMINAL	CABLE2X0.5+TERMINAL			
output stage	THYRISTOR	THYRISTOR	THYRISTOR			
output function	NO	NO	NC			
voltage range	20-250VAC	20-250VAC	20-250VAC			
max output current	250 mA	450 mA	450 mA			
max output frequency	20Hz	20Hz	20Hz			
indicator led	yes	yes	yes			
max drop voltage	10V	10V	10V			
max no-load or leakage current	3mA	3mA	3mA			
pressure rate	3bar	3bar	3bar			
mounting	non flush (unshielded)	non flush (unshielded)	non flush (unshielded)			
revers voltage protection	no	no	no			
short circuit protection	no	no	no			
pick voltage protection	yes	yes	yes			
circuit						

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