

# Rectangular Type

AC; AC/DC

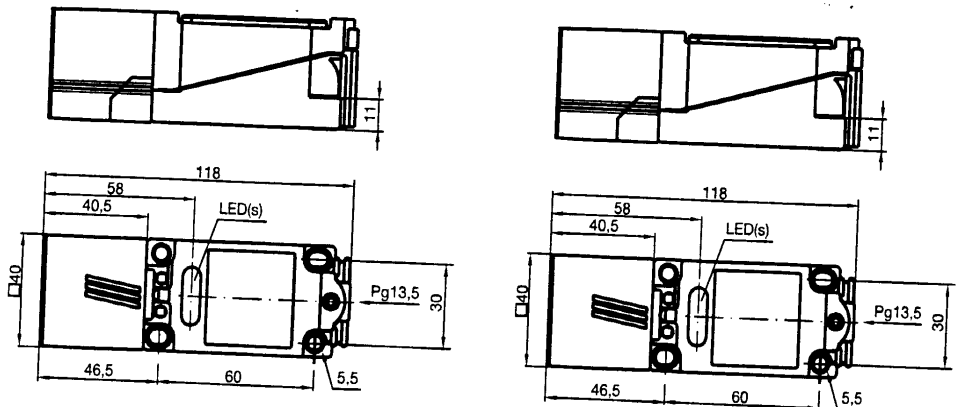
254 435

2-1/3-wire

Standard series

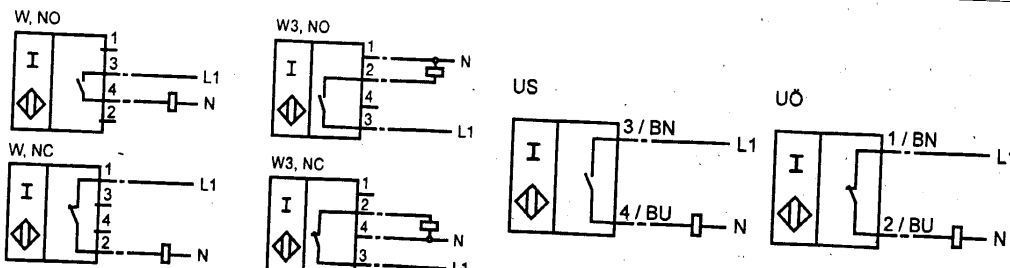
15 mm embeddable

20 mm not embed.



Operating dist. s <sub>n</sub> , mounting	15 mm, embeddable	15 mm, embeddable	20 mm, not embedd.	20 mm, not embedd.
AC	Make/Break function	NJ15+U1+W		NJ20+U1+W
	3-wire	NJ15+U1+W3		NJ20+U1+W3
AC/DC	Make function		NJ15+U1+US	
	Break function		NJ15+U1+UÖ	NJ20+U1+US
Assured operat. dist. s <sub>a</sub> [mm]	0 ... 12,15	0 ... 12,15	0 ... 16,2	0 ... 16,2
Reduction factor	r <sub>V2A</sub>	0,75	0,85	0,8
	r <sub>AI</sub>	0,3	0,4	0,35
	r <sub>Cu</sub>	0,25	0,3	0,35
Operating voltage U <sub>B</sub> [V]	20 ... 253	20 ... 253	20 ... 253	20 ... 253
Operating voltage DC [V]	- ... -	20 ... 300	- ... -	20 ... 300
Operational current I <sub>L</sub> [mA]	8...500	8...500	8...500	8...500
Switching frequency [Hz]	20	25	20	25
No-load supply current [mA]	-	-	-	-
Off-state current I <sub>R</sub> [mA]	1,95	2,5	1,95	2,5
Short time c. 20ms, 0,1Hz [mA]	3000	4000	3000	4000
Voltage drop [V]	12	5	12	5
Short circuit protection	-	pulsing	-	pulsing
Reverse polarity protection	-	-	-	-
Output indicator	LED, yellow	LED, yellow	LED, yellow	LED, yellow
Operating temperature [°C]	-25 ... 70	-25 ... 70	-25 ... 70	-25 ... 70
In compliance with	EN60947-5-2	EN60947-5-2	EN60947-5-2	EN60947-5-2
Protection to DIN 40050	IP 67	IP 68	IP 67	IP 68
Connection	terminal compartment	terminal compartment	terminal compartment	terminal compartment
Conductor cross section	up to 2,5 mm <sup>2</sup>	up to 2,5 mm <sup>2</sup>	up to 2,5 mm <sup>2</sup>	up to 2,5 mm <sup>2</sup>
Housing material	PBT	PBT	PBT	PBT

Standard symbol / connection



uctive sensors