

# Controller - OSE-C

Compatible for OSE-S 65xx | OSE-S 66xx | OSE-S 67xx | OSE-S 68xx



## OSE-C 2300

Input type of sensing edge	3-wire
Supply voltage	230 VAC
Output	Relay NCC
Additional outputs	Reverse contact (NOC)
Power consumption	2.8 VA
Housing type	Surface mounting
Housing material	Polycarbonate
Housing dimensions	130 × 94 × 60 mm (5.11 × 3.7 × 2.36")
Enclosure rating	IP65
Safety category	Safety Cat. 3 PL c (EN 13849-1)

### SENSING EDGE OUTPUT

Output	Relay NCC
Max. switching voltage	250 VAC / 60 VDC
Max. switching load	4 A
Max. switching current	4 A
Max. switching capacity	1,000 VA
Fusing	4 A slow acting (not part of the unit)
N° of OSE inputs	2

### REVERSE OUTPUT

Output	Relay NOC
Max. switching voltage	250 VAC / 24 VDC
Max. switching load	6 A
Max. switching current	6 A
Max. switching capacity	AC15: 230 V / 2 A; DC13: 24 V / 3 A
Fusing	6 A slow blowing (not part of unit)



## OSE-C 2301

Input type of sensing edge	3-wire
Supply voltage	24 VDC
Output	Relay NCC
Additional outputs	Reverse contact (NOC)
Power consumption	2.8 VA
Housing type	Surface mounting
Housing material	Polycarbonate
Housing dimensions	130 × 94 × 60 mm (5.11 × 3.7 × 2.36")
Enclosure rating	IP65
Safety category	Safety Cat. 3 PL c (EN 13849-1)

### SENSING EDGE OUTPUT

Output	Relay NCC
Max. switching voltage	250 VAC / 60 VDC
Max. switching load	4 A
Max. switching current	4 A
Max. switching capacity	1,000 VA
Fusing	4 A slow acting (not part of the unit)
N° of OSE inputs	2

### REVERSE OUTPUT

Output	Relay NOC
Max. switching voltage	250 VAC / 24 VDC
Max. switching load	6 A
Max. switching current	6 A
Max. switching capacity	AC15: 230 V / 2 A; DC13: 24 V / 3 A
Fusing	6 A slow blowing (not part of unit)



## OSE-C 2323

Input type of sensing edge	3-wire
Supply voltage	230 V AC
Output	Relay NCC
Additional outputs	Stop output (NCC) & reverse contact (NOC)
Power consumption	7 VA
Housing type	Surface mounting
Housing material	Polycarbonate
Housing dimensions	130 × 94 × 60 mm (5.11 × 3.7 × 2.36")
Enclosure rating	IP65
Safety category	Safety Cat. 3 PL d (EN 13849-1)

### SENSING EDGE OUTPUT

Output	Relay NCC
Max. switching voltage	250 VAC/DC
Max. switching load	4 A
Max. switching current	4 A
Max. switching capacity	1,000 VA
Fusing	4 A slow acting (not part of the unit)
N° of OSE inputs	2

### REVERSE OUTPUT AND STOP CONTACT

Output	Relay NOC (STOP) Relay NCC (REVERSE)
Max. switching voltage	250 VAC / 24 VDC
Max. switching load	6 A
Max. switching current	6 A
Max. switching capacity	AC15: 230 V / 2 A; DC13: 24 V / 3 A
Fusing	6 A slow blowing (not part of unit)



## OSE-C 2324

Input type of sensing edge	3-wire
Supply voltage	24 VAC/DC
Output	Relay NCC
Additional outputs	Stop output (NCC) & reverse contact (NOC)
Power consumption	7 VA
Housing type	Surface mounting
Housing material	Polycarbonate
Housing dimensions	130 × 94 × 60 mm (5.11 × 3.7 × 2.36")
Enclosure rating	IP65
Safety category	Safety Cat. 3 PL d (EN 13849-1)

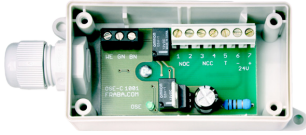
### SENSING EDGE OUTPUT

Output	Relay NCC
Max. switching voltage	250 VAC/DC
Max. switching load	4 A
Max. switching current	4 A
Max. switching capacity	1,000 VA
Fusing	4 A slow acting (not part of the unit)
N° of OSE inputs	2

### REVERSE OUTPUT AND STOP CONTACT

Output	Relay NOC (STOP) Relay NCC (REVERSE)
Max. switching voltage	250 VAC / 24 VDC
Max. switching load	6 A
Max. switching current	6 A
Max. switching capacity	AC15: 230 V / 2 A; DC13: 24 V / 3 A
Fusing	6 A slow blowing (not part of unit)

# Controller - OSE-C



## OSE-C 1001

Input type of sensing edge	3-wire
Supply voltage	24 VAC/DC
Output	Relay NCC
Additional outputs	Reverse contact (NOC)
Power consumption	1.5 W
Housing type	Surface mounting
Housing material	ABS
Housing dimensions	90 × 48.5 × 40 mm (3.54 × 1.91 × 1.57")
Enclosure rating	IP65
Safety category	Safety Cat. 2 PL c (EN 13849-1)

### SENSING EDGE OUTPUT

Output	Relay NC/COM
Max. switching voltage	120 VAC / 60 VDC
Max. switching current	0.5 A, 120 VAC / 1 A, 24 VDC
Min. switching current	1 mA, 1 VDC
Fusing	0.5 A slow acting (not part of the unit)
N° of OSE input	1

### REVERSE OUTPUT

Output	Relay NO/COM
Max. switching voltage	120 VAC / 60 VDC
Max. switching current	0.5 A, 120 VAC / 1 A, 24 VDC
Min. switching current	1 mA, 1 VDC
Fusing	0.5 A slow blowing (not part of unit)

Compatible for	OSE-S 65xx, OSE-S 66xx, OSE-S 67xx, OSE-S 68xx
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## OSE-C 1004

Input type of sensing edge	2-wire
Supply voltage	24 VAC/DC
Housing type	Surface mounting
Housing material	ABS / PA6 GF30; TPE
Housing dimensions	76.2 × 38.1 × 12.7 mm (3 × 1.5 × 0.5")
Enclosure rating	IP65 / NEMA 4

### SENSING EDGE OUTPUT

Output	Relay NCC
Max. switching voltage	250 VAC / 220 VDC
Max. switching current	1 A
N° of OSE inputs	1

Compatible for	OSE-S 50xx
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# Controller - OSE-C

Compatibel for OSE-S 1100 | OSE-S 1102 | OSE-S 1171 | OSE-S 1172 | OSE-S 1500 | OSE-S 1501 | OSE-S 1502 | OSE-S 1508



## OSE-C 4024

Input type of sensing edge	3-wire
Supply voltage	24 VDC
Power consumption	4 VA
Housing type	DIN rail mounting
Housing material	PE
Housing dimensions	22.5 × 100 × 120 mm (0.89 × 3.94 × 4.72")
Enclosure rating	Housing IP40, terminal block IP20
Safety category	Safety Cat. 4 PL e (EN 13849-1)

### SENSING EDGE OUTPUT

Output	Relay NCC
Max. switching voltage	250 VAC/DC
Max. switching current	4 A
Max. switching capacity	1,000 VA
Fusing	4 A slow acting
N° of OSE input	1

### SIGNALLING OUTPUT

Output	Semiconductor (PNP open collector)
Current / voltage	$U_{max.} = 36 V, I_{max.} = 50 mA$



## OSE-C 4024 (UL CERTIFIED)

Input type of sensing edge	3-wire
Supply voltage	24 VDC
Power consumption	4 VA
Housing type	DIN rail mounting
Housing material	PE
Housing dimensions	22.5 × 100 × 120 mm (0.89 × 3.94 × 4.72")
Enclosure rating	Housing IP40, terminal block IP20
Safety category	UL Certified

### SENSING EDGE OUTPUT

Output	Relay NCC
Max. switching voltage	250 VAC/DC
Max. switching current	4 A
Max. switching capacity	1,000 VA
Fusing	4 A slow acting
N° of OSE input	1

### SIGNALLING OUTPUT

Output	Semiconductor (PNP open collector)
Current / voltage	$U_{max.} = 36 V, I_{max.} = 50 mA$



## OSE-C 4524

Input type of sensing edge	3-wire
Supply voltage	24 VDC
Power consumption	4 VA
Housing type	DIN rail mounting
Housing material	PE
Housing dimensions	22.5 × 100 × 120 mm (0.89 × 3.94 × 4.72")
Enclosure rating	Housing IP40, terminal block IP20
Safety category	Safety Cat. 1 PL c (EN 13849-1)

### SENSING EDGE OUTPUT

Output	Relay NCC
Max. switching voltage	250 VAC / 24 VDC
Max. switching current	6 A
Max. switching capacity	8 A 24 VDC / 250 VAC; AC15: 230 V / 2A; DC13: 24 V / 2 A
Fusing	6 A slow acting
N° of OSE inputs	2

### SIGNALLING OUTPUT

Output	Relay
Current / voltage	$U_{max.} = 36 V, I_{max.} = 50 mA$



## OSE-C 5024

Input type of sensing edge	3-wire
Supply voltage	24 VAC/DC
Power consumption	4 VA
Housing type	DIN rail mounting
Housing material	PE
Housing dimensions	22.5 × 100 × 120 mm (0.89 × 3.94 × 4.72")
Enclosure rating	Housing IP40, terminal block IP20
Safety category	Safety Cat. 3 PL d (EN 13849-1)

### SENSING EDGE OUTPUT

Output	Relay NCC
Max. switching voltage	250 VAC / 60 VDC
Max. switching current	2 A
Max. switching capacity	1,500 VA; AC15: 230 V / 3 A; DC13: 24 V / 4 A
Fusing	2 A slow acting
N° of OSE inputs	4

### SIGNALLING OUTPUT

Output	Semiconductor (PNP open collector)
Current / voltage	$U_{x1} = U_b - 1 V, I_{max.} = 50 mA$