



Evidence of decades of experience

optrel OSC

- Shade level 4/9–13
- Control unit outside the helmet
- Ability to adapt the detection angle (60° or 120°)
- Opening delay



Automatically better welding
swiss made 

optrel OSC

The optrel OSC has been around for a good 20 years and remains very popular amongst our loyal clientele. The simple, yet ingenious shape of the OSC combined with the fact that the wearer can adjust the DIN 9–13 filter using the continuously variable control from outside the helmet still today offers a very high level of protection and comfort.



Designation	Article no.
OSC black unpainted*	1000.053
Darkening filter	5012.046
*Spare helmet shell on request	

Other features

Size of darkening filter/field of vision	90 x 110 x 7 mm/38 x 98 mm
Eye protection	Maximum UV and IR protection with every shade level setting
Classification according to EN379	1/1/1/3
Classification according to EN175	S (45m/s impact resistance)
Time taken to switch from light to dark	0.4 ms at room temperature 0.1 ms at 55 °C
Time taken to switch from dark to light	Fast 0.1 – 0.35 s Slow: 0.35 – 0.6 s
Energy supply	Solar cells and batteries, no need to switch on and off
Working temperature	-10 °C to +70 °C
Total weight	490 g
Guarantee	2 years
Certificates	CE, DIN, ANSI, AS/NZS, GOST-R