

CB-WCS

CONTROL BOX

The CB-WCS is a control box which supplies power to the connected welding cable sensor WCS and extraction fan. The CB-WCS arranges the extraction fan to switch on and off automatically. To realise this, the WCS is to be connected to the mass cable of a welding machine. When the welding starts, the WCS sends a signal to the CB-WCS.

Subsequently, the extraction fan automatically switches on. When the welding stops, the fan automatically switches off. Depending on the specific circumstances and/or the user's wish, the initial delay and the run-out period of the fan can be adjusted.

The CB-WCS can also be used for connecting a stationary welding fume extractor SFS, an in the extraction arm integrated Working Light (WL) and/or automatic start/stop device (AST), an automatic damper and an extraction fan to the mains.





SPECIFICATIONS

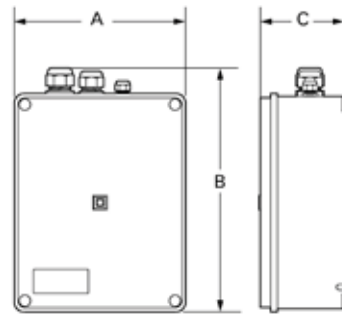
■ Physical dimensions and properties	
Material housing	self-extinguishing thermoplastic
Colour	grey RAL 7035
Fire retardancy	according to IEC 60695-2-1
Weight (net)	2,3 kg (5.1 lbs)
■ Electrical data	
Power consumption	50 W
Insulation class	IP 55
Input voltage	115-230-400V/1~/50-60Hz
Output voltage	24 VAC
Fuse	2A
■ Ambient conditions	
Operating temperature:	
• min.	• 5°C (41°F)
• nom.	• 20°C (68°F)
• max.	• 45°C (113°F)
Max. relative humidity	80%
Outdoor use allowed	no
Storage conditions	• 5-45°C (41-113°F) • relative humidity max. 80%
■ Product combinations	
WCS	welding cable sensor
WL	working light
WL+AST	working light + automatic start/stop
NCW-11	connection wire
AD-200	automatic damper
NTR (type depends on fan)	thermal relay
FAN-14/28/42	extraction fan
■ Scope of supply	
Premounted and wired CB-WCS (transformer, relay, timer PC board with fuse and connecting block) - User manual - Electric diagram	

■ Order information	
Article number	7900020370
Number/package	1
■ Shipping data	
Gross weight	2,5 kg (5.5 lbs)
Packing dimensions	180 x 270 x 100 mm (7.1 x 10.6 x 3.9 in.)
Harmonized Tariff Code	8537.1099.99
Country of origin	the Netherlands

APPROVALS/CERTIFICATES

	
	Directive 2011/65/EC (RoHS) valid as of 8 June 2011

DIMENSIONS

		
	mm	inch
A	170	6.69
B	260	10.24
C	80	3.15

Product type	CB-WCS
Article no.	7900020370
Product category	electrical components
Version	080212/C

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