



MOBILE ACTROS.compact

„Small“ and „flexible“ together with „powerful“ are the main characteristics of the traffic controller ACTROS.compact. Now this pairing is available as a mobile system!

A complete ACTROS.compact traffic controller installed in a rugged and nearly unbreakable plastic case trolley from one of the market leaders of hard cases PELI™ Products, with no limitations to the normal ACTROS.compact in standard cabinet.

It is ideal for versatile outdoor use and temporary road installations, also as for development purposes, e.g. Car-to-Infrastructure communication.

Protected by an IP67 sealed plastic hard case with sealed and dustproofed connectors it offers all the benefits of the „normal“ ACTROS.compact:

- 24 lamp outputs, which can be switched and monitored independently of each other
- also available with ACTROS.line and ACTROS.energyline technology
- 12 inputs and 2 outputs
- small size
- simple installation
- for signal voltages of 230 V and 40 V
- optimized for low power consumption
- safety classes according to EN 50556

Additional:

- no additional cabinet needed
- smallest size in mobile weatherproof case: 550 x 580 x 280 mm (length x width x height)
- little weight: 23,2 kg (40V option with mast and 100 mm signals)
- optimized connectors for rough environmental conditions (dirt, water, wind)
- individual upgrading possibilities, e.g. WLAN access point
- optional: detachable, graphical LCD user interface BDI-2



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TRAFFIC LIGHT CONTROLLER - MOBILE ACTROS.compact

ELECTRONIC CONTROLS:

Max. number of signal groups	24
Max. number of lamp outputs	24
Number of I/Os	12 inputs, 2 outputs
Detectors	Connection also possible via CAN bus
Traffic-engineering controls	Fixed-times programme, clock control, signal group-oriented and phase-oriented control dependent on traffic, co-ordinated deployment point controls LISA+ or free programming in JAVA, control cores such as VS-PLUS, PDMe/TL, MOTIONe, TRELAN/TRENDS, BALANCE
Controls for centralised operation / interface operation	OCIT V1.1 and V2.0 as well as Profile 2 and Profile 3, ACTROS.connect, SB12, SB15, SB16, VnetS, SSI, DVI35, CANTO Internal TouchSensor control panel, Web server ACTROS.access, optional additional graphic control panel with 8x40 characters
Cycle for traffic engineering	0,5 s, 1 s
Time source	DCF77, GPS, NTP (via centralised interface)
Signal sequence	Freely programmable, standard according to EN 12675
Local public transport	R09 telegrams in accordance with Standard VÖV 04.05.1
Signal circuit breaker	Setup in error-proof technology, current and voltage monitoring for all lamp outputs according to EN 50556 and EN 12675

PERFORMANCE ELECTRONICS:

Max. power consumption w/o lamp power	36 VA
Mains voltage	230 V (-15 ... +10%)
Mains frequency	50 Hz (-5 ... +5%)
Permissible lamp voltages	10 V, 230 V
Permissible LED signalling device voltages	40 V OCIT, 230 V
Lamp output per signal output	12 – 200 W for 10 V and 230 V, 5 – 40 W for 40 V LED signalling devices
Max. lamp output per traffic controller	900 W for 10 V and 230 V, 200 W for 40 V LED signalling devices

ACTROS.line: FEATURES DECENTRALISED TECHNOLOGY

Max. number of independent bus lines	12
Max. number of external modules per bus line	15
Number of lamp outputs per external printed switch circuit	6
Number of inputs per external printed switch circuit	4
Max. length of a bus line	1000 m
Signalling device types	40 V OCIT-LED signalling devices



Contact:

SWARCO TRAFFIC SYSTEMS GmbH

SWARCO TRAFFIC SYSTEMS GMBH is one of the leading suppliers of intelligent traffic systems in Germany. Drawing on decades of experience, the company offers a broad range of innovative solutions in urban and inter-urban traffic management, including applications in parking and detection. A large network of service outlets ensures maximum possible system availability and traffic safety. With cost-effective, sustainable, and environmentally friendly technologies, we see to it that traffic flows smoothly and everyone arrives safely.

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