

Outdoor switchboards

Short Catalog Sheet
METEL ■ EU

OH7525 with backup

- Steel switchboards with IP66 protection
- Suitable for outdoor switch installation
- Tested according to EN 61439-1
- Dimensions: 700x500x250 mm
- Free space for backup batteries
- Basic equipment: 230 VAC socket, circuit breaker, overvoltage protection, tamper



The OH7525 series outdoor steel switchboards are designed for outdoor installation of 2G and 20G series industrial switches. Models are available with a backup power supply. A Wiring Diagram and Unit Test Report are included.

Available models

Order name	Order code
OH7525-C10.A12.R.PB7.SE	7-211-210
OH7525-C10.A12.R.PB7.SF	7-211-220

Technical parameters

MECHANICS

Dimensions - h / w / d	700 x 500 x 250 mm
Pins	10 (PG11)
Material and finish	Galvanised steel with epoxy polyester (grey RAL 7035)
Weight	Max. 20 kg (without batteries)
Tamper	Contact NC
Maximum size of 1pc battery - h/w/w	180 x 197 x 180 mm
Mechanical protection	IK10
Degree of coverage	IP66 / IP55 (with thermoset)

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Rated working voltage	230 VAC
Rated current	10 A
Tripping characteristic	C
Rated short-circuit capability	6 kA

SURGE PROTECTION

Type	T1, T2, T3
Rated AC operating voltage	230 VAC
Voltage protection level at the In input	1,25 kV
Pulse discharge current for Class I test (10/350)	12.5 kA

CURRENT PROTECTOR

Rated working voltage	30 mA
Type	A
Rated residual current	30 mA
Rated short-circuit capability	6 kA

BACKUP POWER SUPPLY (AND ACCESSORIES)

Input voltage (50 Hz)	115 - 230 - 277 VAC (90 - 135 VAC / 180 - 305 VAC)
Rated power	240 W

BACKUP POWER SUPPLY (AND ACCESSORIES)

Output voltage (Vn) / rated current (In)	48 VDC / 5A (switch-on delay max. 1.5 s)
Short circuit / overload / overheating protection	Yes (support for running with capacity load)
Battery output	4pcs of series connected 12 V batteries
Supported batteries	Lead acids, AGM, GEL
Relay 1 (C-NC-NO) Relay max. 30 VDC / 1 A	Main or backup input power supply
Relay 2 (C-NC-NO) Relay max. 30 VDC / 1 A	Malfunctioning system / weak battery
Battery Output Protection	Two-pole fuse holder with 6A gG fuses
Output protection 48 VDC	Circuit breaker
Shelf for batteries	4x 36 Ah

SOCKET 230 VAC

Rated working voltage	230 VAC
Type E	With protective pin
Type F	Schuko design

OH-THERMO-SET-HV - VENTILATION AND HEATING SYSTEM (optional accessory)

Fan Controlled by thermostat	1 0 - 60 °C
Heating Controlled by thermostat	250 W 0 - 60 °C

SD - VIBRATION DETECTOR (optional accessory)

Alarm output	Relay
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BATTERIES TESTED

LONG U1-36HE	12 V, 36 Ah
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Standards and protocols

Standard	Note
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EMC and safety

Standard	Level	Note
EN 61439-1		Low voltage switchboards

Notes

- The manufacturer reserves the right to change technical parameters without prior notice.

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