Dispatching of large premises I Elevators I Escalators

FALCON monitoring module for visualization of supervised facilities

FALCON is a universal device for the area of remote monitoring of machines by means of GPRS data communication.

FALCON 4 (4 inputs)

For simple, inexpensive monitoring of basic states of the given device:

- fault
- service
- power failure
- emergency signalling
- in the case of escalators, upward travel, downward travel
- safety circuit failure, power failure

Visualization is executed by the LEMON System

FALCON 16 (16 inputs)

For more demanding applications with monitoring of the given device operation:

- fault
- service
- power failure
- emergency signalling
- door state
- cab position

Visualization is executed by the LEMON System

INSTALLATION OPTIONS

- in the switchboard directly (without 12 VDC supply and back-up supply)
- separate box installation with a monitoring device, mains and back-up power supply

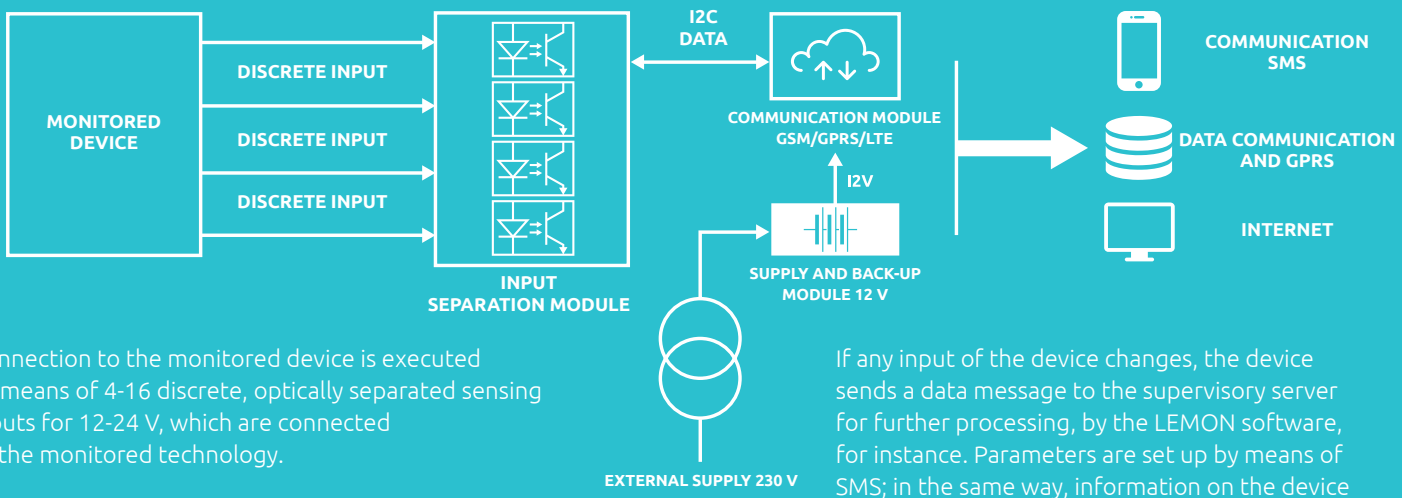
PRODUCER:

BETACONTROL

Beta Control s.r.o.
Černého 829/58, 635 00 Brno-Bystrc
Česká republika

www.betacontrol.cz / obchod@betacontrol.cz

FUNCTIONAL CHART



Connection to the monitored device is executed by means of 4-16 discrete, optically separated sensing inputs for 12-24 V, which are connected to the monitored technology.

If any input of the device changes, the device sends a data message to the supervisory server for further processing, by the LEMON software, for instance. Parameters are set up by means of SMS; in the same way, information on the device state, signal strength, back-up supply voltage etc. can be obtained.

ASSEMBLY / DELIVERY METHOD

BASIC ASSEMBLY WITHOUT SWITCHBOARD

FALCON BASIC 4

GSM MONIT 00-GSM module 12 V DC
GSM MONIT 01-4 parallel inputs 12-24 V DC

FALCON BASIC 16

GSM MONIT 00-GSM module 12 V DC
GSM MONIT 02-16 parallel inputs 12-24 V DC
Connecting set

ASSEMBLY INCLUDING SWITCHBOARD

FALCON 4

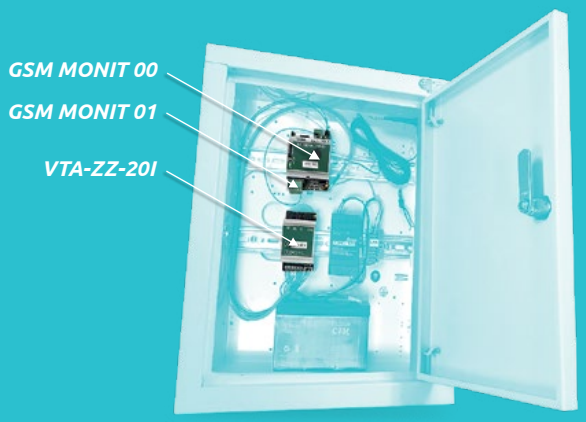
GSM MONIT 00-GSM module 12 V DC
GSM MONIT 01-4 parallel inputs 12-24 V DC
VTA-ZZ20-I-Back-up supply 2 Ah with battery capacity measurement
DRC-12 V 30 W 1 AZ-Mains supply 12 V/2,1 A/DIN
HAZE VRLA AGM HZS12-7,5/T1-AKU/12 V/7,5 Ah
Box VT-BOX for exchanges 322 x 397 x 90
Exchange box lock

FALCON 16

GSM MONIT 00 - GSM module 12 V DC
GSM MONIT 02 (BC-NELA-IB-IO2-01) – 16 parallel inputs 12-24 V DC
VTA-ZZ20-I-Back-up supply 2 Ah with battery capacity measurement
DRC-12 V 30 W AZ-Mains supply 12 V/2,1 A/DIN
HAZE VRLA AGM HZS12-7,5/T1 -AKU/12 V/7,5 Ah
Box VT-BOX for exchanges 322 x 397 x 90
Exchange box lock

DELIVERY METHOD OF FALCON 4 AND 16 DEVICES

- in a metal distribution board of approx. 300 x 400 mm with IP 20 protection
- for escalators or by special request, a distribution board design with IP 64 protection can be supplied



FALCON 4

BETACONTROL
Beta Control s.r.o.
Černého 829/58, 635 00 Brno-Bystrc
Česká republika

Free consultation!
+420 733 610 313