Equipment Selection Form

GTG, UVG (KSH) SERIES EXPLOSION-PROOF AND FIREPROOF THERMAL CABINETS (ENCLOSURES) EQUIPMENT SELECTION FORM

Maximum allowed external dimensions of cabinet	H = _____mm W = _____mm D = _____mm	Maximum allowed weight of cabinet (enclosure)	_____ kg

Material of enclosure

- ☐ Low carbon steel with lacquer coating (heat transfer coefficient is 5,5 W/m² K)
- ☐ Stainless steel 03X18H10 (AISI304) (heat transfer coefficient is 4,5 W/m² K)
- ☐ Shock-proof weldless chemically inert polymer (heat transfer coefficient is 3,5 W/m² K)
- ☐ Corrosion resistant modified aluminum-silicon alloy (heat transfer coefficient is 12 W/m² K)

Material of heat retainer

- ☐ Without any heat retainer
- ☐ Metal-coated reinforced heat retainer
- ☐ Flameproof extruded foamed polymer

Zone of mounting

Gas groups: ☐ IIA ☐ IIB ☐ IIC ☐ IIIC
Temperature class: ☐ T1 ☐ T2 ☐ T3 ☐ T4 ☐ T5 ☐ T6
Zone of mounting: ☐ Zone 0 ☐ Zone 1 ☐ Zone 2

Type of mounting

- ☐ Wall/frame mounting
- ☐ Concrete bottom mounting
- ☐ Floor mounting _____ mm
- ☐ Sea deck mounting
- ☐ Pipe mounting (horizontal or vertical)
- ☐ Supporting pole mounting

☐ Non explosion hazardous fire-prone area ☐ RN

Application

- ☐ Mounting outdoor NF1
- ☐ Underground mounting
- ☐ Mounting on a sea platform or a ship MU1
- ☐ Mounting in heated premises
- ☐ Mounting in unheated premises

Geographic point of mounting of cabinets (region, the nearest inhabited locality)	or ambient temperature
	from –____ °C to +____ °C

Temperature differential	Loss power of equipment/carrier (self-heating) inside the cabinet (enclosure)	Place for customer's drawing with example of node location and places of their mounting
Lowest ambient temperature in the place of mounting ____°C Maximum ambient temperature in the place of mounting ____°C Desired internal temperature t ____°C or Temperature, maintained inside the cabinet: from ____°C to ____°C	Minimum _____W Maximum _____W Constant _____W Medium _____W	

Coefficient of charge of cabinet (enclosure)

____ (0 – empty cabinet, 10 – the cabinet is fully charged with equipment)

Required internal space

H = ___ MM W = ___ MM D = ___ MM

Type of climatic device of cabinet (enclosure)

- ☐ Passive ☐ With electrical heating
- ☐ With heat sink – solid-state cooling unit IP66/68
- ☐ With heat sink – external blowing by fan IP55
- ☐ With heat sink –fan, using for ventilation and cooling IP05

Climatic device electrical power supply voltage _____V ☐ AC ☐ DC

Required method of protection of customer's equipment against the effect of corrosive environments

- ☐ Sealed enclosure, IP66
- ☐ Gage pressure maintenance (low rate of consumption of dry air) IP67
- ☐ Sealed enclosure, which is resistant to flooding IP68
- ☐ Vent with dry air (high rate of consumption of dry air) IP66

Protection against vandalism

- ☐ Enclosure of steel 4 mm
- ☐ Audible warning
- ☐ Reed door protective signaling device
- ☐ Padlock mounting
- ☐ Anti-retrievable fastening (of different construction, depending on the method of mounting)
- ☐ Lock inside the door
- ☐ Remote video monitoring

Lightening

- ☐ Luminaire for internal lightening
- ☐ Door limit switch
- ☐ Disguising luminaire for internal lightening
- ☐ Circuit breaker

Acoustic insulation

☐ Soundproofing lagging

Facilities for customer's equipment mounting

☐ Internal lagging of the panel with drilling of round holes in sidewalls for further fastening of mounting components with self-drilling screws
☐ Angle of door opening is not less than 105°
☐ Fastening for arrangement of blocks in 19" standard

Cable and pipe inlet

Cable glands for cables

	Non-armoured	Armoured / braided	Flexible metal hose	Polymeric corrugated pipe	Conduit wiring	d	psc
1							
2							
3							

Cable glands for pipes

	Steel pipe	Steel pipe in heat-insulating material	Plastic pipe	Cooper pipe	Rubber hose pipe	Metal flexible hose	d	psc
1								
2								
3								

Frames for cables/tubes H = ___ mm W = ___ mm H = ___ mm W = ___ mm

Fire protection of customer's equipment

- ☐ Heat detector
- ☐ Flame fire detector
- ☐ Independent system of gaseous fire suppression
- ☐ Door sealing – STOP FIRE

Facilities for delivery and mounting

- ☐ Shipping eye screw for mounting with crane
- ☐ Stacking on a pallet for a loader (dismantled when mounting)

Customer's notes

Additional equipment

- ☐ Integrated power unit U_{input} ___V, U_{output} ___V, I_{output} ___A
- ☐ With accumulator, capacity ___A h
- ☐ Wi-Fi antenna, commutator or Internet Access Point
- ☐ Remote monitoring and management of system over such protocols as HTTP and SNMP on the Ethernet and others

Quantity, pcs	☐☐☐		
Contact details	Company:	Mailing address:	
	Contact person:	Tel./Fax:	E-mail: