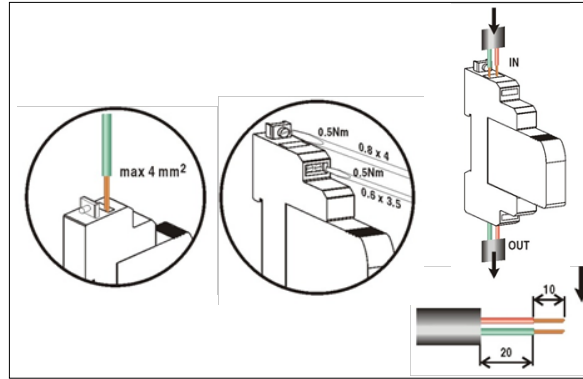
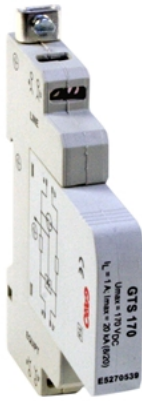




Surge Arrestor Type 111.

Part numbers: GTS170



Technical data	GTS 170
Nominal operating voltage UN	110 VDC
Max. continuous operating voltage UC	170 VDC
Rated spark overvoltage (a/b-PG)	184-264V
Rated operating current IL at 25°C	1A
Nominal discharge current IN (8/20µs)	10kA
Insulation resistance of the protection	≥ 1GΩ/100VDC
Serial resistance R	1.6 - 2Ω
Transverse capacitance C	50pF
Limit frequency fG	35Mhz
Terminal cross section	Multi-strand to 4 mm²
Operating temperature	- 40°C ... + 80°C
Degree of protection	IP 20
Housing material	Thermoplastic; extinguishing degree V-0
Dimensions DIN 43880	12 mm
Mounting EN 60715	35 mm DIN rail



Dokument/document		Utgava datum/edition date
Försäkran om överensstämmelse/ Declaration of conformity		2016-06-29
Avdelning/department		
Kvalite/Quality		
Ansvarig/prepared	Version	Sida/page
Magnus Arvidsson	2	1 av/of 1

Supplier/Tillverkare:

GARO AB
Box 203
S-335 25 GNOSJO
Sweden

Telephone: +46 (0)370 33 28 00
Telefax: +46 (0)370 33 28 50

Supplier established within EU/Ombud etablerad inom EG

Supplier of equipment /Materielslag : Surge Protection Devices

Trade Mark/ Varumärke: GARO

Type Designation / Typbeteckning: GTS

We hereby declare that our product fulfils the requirements of following EC directives/
Vi intygar härmed att vår produkt uppfyller krav enligt följande EU direktiv:

- The Low Voltage Directive (LVD) 2014/35/EU I Lågspänningsdirektivet (LVD) 2014/35/EU.
- Electromagnetic compatibility (EMC) 2004/108/EU /Elektromagnetisk kompatibilitet (EMC) 2004/ 108/EG.
- RoHS Directive (RoHS) 2011/65/EU /RoHS direktivet (RoHS) 2011/65/EG.
- No electromagnetic compatibility (EMC) immunity or emission tests are required on the assembly/Produkten innehåller inte elektroniska apparater som påverkas enligt förbehållen enligt direktivet (EMC) 2004/108/EG.

The following harmonised standards (latest edition) or technical specifications which comply with good engineering practice in safety matters in force within the EU have been used in the design: EN61643-1
Följande harmoniserade standarder (senaste utgåva) eller tekniska specifikationer som uppfyller god säkerhetsteknik praxis inom EG har använts i konstruktionen: EN 61643-1

The equipment conforms completely with the above stated harmonised standards or technical specifications./
Materielen överensstämmer helt med ovan angivna harmoniserade standarder eller tekniska specifikationer.

Or/eller

- The equipment confirms only partially with the above stated harmonised standards or technical specifications but complies with good practice in safety matters in force within the EU./
Materielen överensstämmer endast delvis med ovan angivna harmoniserade standarder eller tekniska specifikationer, men uppfyller god säkerhetsteknik praxis inom EG.

We have product surveillance according to CENELEC's harmonised requirements, documents CCA-201.

Garo AB
Company/Företag

2016-06-29
Date/Datum

Sign/Underskrift

Environmental- and Quality Manager/Kvalitets- och Miljöchef
Position/Befattning

Magnus Arvidsson
Name / Namnförtydligande