



EMF DATASHEET FOR ARC WELDING POWER SOURCE

EQUIPMENT INFORMATION

Manufacturer: Fronius
 Model: TPS 320i CMT; TPS 320i CMT /nc; TPS 320i CMT /MV/nc; TPS 320i CMT /600V/nc
 Model Number: 4,075,183; 4,075,183,800; 4,075,183,830; 4,075,183,970
 Intended use: occupational by laymen

BASIC INFORMATION

Applied Regulations: Directive 2014/35/EU
 Referenced Limits: Directive 2013/35/EU, Recommendation 1999/519/EC
 Applied Standards: EN 62822-1:2016, EN 62822-2:2016

Non-thermal effects need to be considered for the workplace assessment yes no
 Thermal effects need to be considered for the workplace assessment yes no

- Data based on maximum power source capability
- Data based on worst case setting/program
- Data based on multiple settings / programs

COMPLIANCE SUMMARY

Compliance with ELVs for health effects at standardized configurations yes no
 Compliance with ELVs for sensory effects at standardized configurations yes no
 All values below the Action Levels at the standardized configurations yes no

NON-THERMAL EFFECTS

| | HEAD | | TRUNK | LIMB HAND | LIMB THIGH |
|-----------------------------|-----------------|----------------|----------|-----------|------------|
| | SENSORY EFFECTS | HEALTH EFFECTS | | | |
| Standardized distance | 10.00 cm | 10.00 cm | 10.00 cm | 3.00 cm | 3.00 cm |
| EI at standardized distance | 0.45 | 0.42 | 0.68 | 0.39 | 0.88 |
| Required minimum distance | 3.00 cm | 3.00 cm | 6.00 cm | 1.00 cm | 3.00 cm |

Distance where all EIs fall below 20:% 57.90 cm
 Distance where compliance with general public limits is reached: 4.00 m