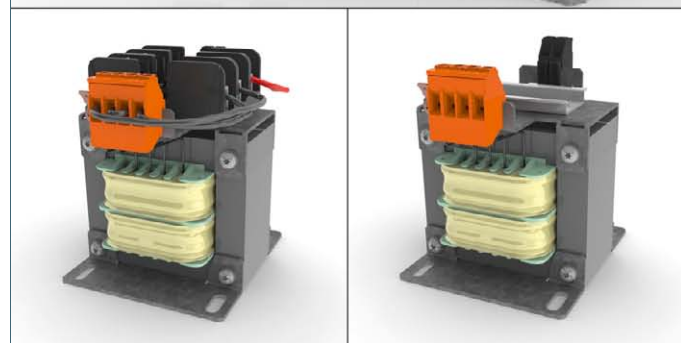
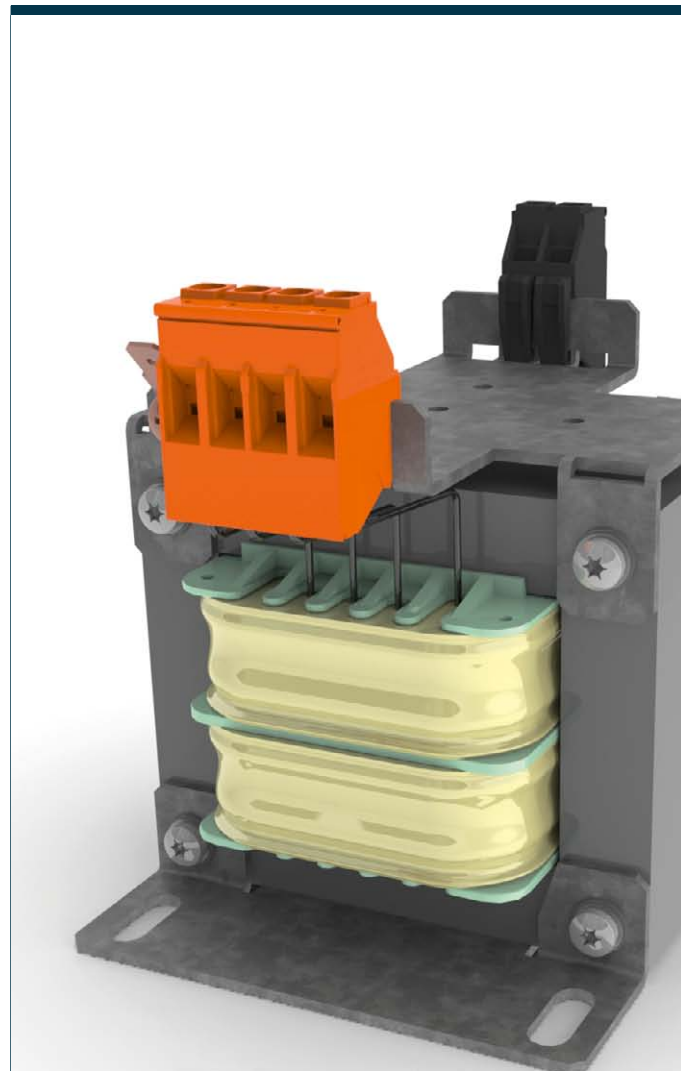


Separating transformer CT



General Data

Rated input voltage 2 x 240 V or 600 V
Rated output voltage 24 V, 120 V
Rated power 50 - 2500 VA
Insulation class B
Maximum ambient temperature 40 °C
Efficiency up to 95 %
Degree of protection IP 00

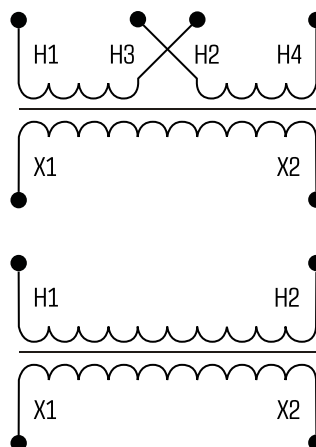
Advantages

Fused versions available
Versions with DIN rail for additional components available
Contact protected screw connection terminals
Jumpers included for primary voltage selection
Impregnated for max. protection
Up to 2500 VA

Applications

As a control transformer for the electrical isolation of the input and output sides. The construction of the transformer to supply control systems according to VDE 0113 is designed.

Sample application



Standards



Separating transformer
to: EN 61558 part 1 with part 2-1, UL 5085-1/-2;2:2, CSA 22.2 No. 66

Approvals



EN 61558, UL 5085-1/-2, CSA 22.2 No 66



Separating transformer CT



Electrical data	Typ	CT-005-048-12-0	CT-005-048-12-1	CT-005-048-12-2	CT-005-048-24-0	CT-005-048-24-1	CT-005-048-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac
	Rated input current	2 x 0,13 Aac	2 x 0,13 Aac	2 x 0,13 Aac	2 x 0,13 Aac	2 x 0,13 Aac	2 x 0,13 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	50 VA	50 VA	50 VA	50 VA	50 VA	50 VA
	No-load voltage (app. x factor)	1.13	1.13	1.13	1.13	1.13	1.13
	Efficiency	81.0 %	81.0 %	81.0 %	81.0 %	81.0 %	81.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 66/34,7	EI 66/34,7	EI 66/34,7	EI 66/34,7	EI 66/34,7	EI 66/34,7



Separating transformer CT



Electrical data	Typ	CT-005-060-12-0	CT-005-060-12-1	CT-005-060-12-2	CT-005-060-24-0	CT-005-060-24-1	CT-005-060-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	0,10 Aac	0,10 Aac	0,10 Aac	0,10 Aac	0,10 Aac	0,10 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	50 VA	50 VA	50 VA	50 VA	50 VA	50 VA
	No-load voltage (app. x factor)	1.13	1.13	1.13	1.13	1.13	1.13
	Efficiency	81.0 %	81.0 %	81.0 %	81.0 %	81.0 %	81.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 66/34,7	EI 66/34,7	EI 66/34,7	EI 66/34,7	EI 66/34,7	EI 66/34,7



Separating transformer CT



Electrical data	Typ	CT-007-048-12-0	CT-007-048-12-1	CT-007-048-12-2	CT-007-048-24-0	CT-007-048-24-1	CT-007-048-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac
	Rated input current	2 x 0,19 Aac	2 x 0,19 Aac	2 x 0,19 Aac	2 x 0,19 Aac	2 x 0,19 Aac	2 x 0,19 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	75 VA	75 VA	75 VA	75 VA	75 VA	75 VA
	No-load voltage (app. x factor)	1.16	1.16	1.16	1.16	1.16	1.16
	Efficiency	82.0 %	82.0 %	82.0 %	82.0 %	82.0 %	82.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 78/27,5	EI 78/27,5	EI 78/27,5	EI 78/27,5	EI 78/27,5	EI 78/27,5



Separating transformer CT



Electrical data	Typ	CT-007-060-12-0	CT-007-060-12-1	CT-007-060-12-2	CT-007-060-24-0	CT-007-060-24-1	CT-007-060-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	0,15 Aac	0,15 Aac	0,15 Aac	0,15 Aac	0,15 Aac	0,15 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	75 VA	75 VA	75 VA	75 VA	75 VA	75 VA
	No-load voltage (app. x factor)	1.16	1.16	1.16	1.16	1.16	1.16
	Efficiency	82.0 %	82.0 %	82.0 %	82.0 %	82.0 %	82.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 78/27,5	EI 78/27,5	EI 78/27,5	EI 78/27,5	EI 78/27,5	EI 78/27,5



Separating transformer CT



Electrical data	Typ	CT-010-048-12-0	CT-010-048-12-1	CT-010-048-12-2	CT-010-048-24-0	CT-010-048-24-1	CT-010-048-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	22 x 240 Vac	2 x 240 Vac	2 x 240 Vac
	Rated input current	2 x 0,25 Aac	2 x 0,25 Aac	2 x 0,25 Aac	2 x 0,25 Aac	2 x 0,25 Aac	2 x 0,25 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	100 VA	100 VA	100 VA	100 VA	100 VA	100 VA
	No-load voltage (app. x factor)	1.13	1.13	1.13	1.13	1.13	1.13
	Efficiency	84.0 %	84.0 %	84.0 %	84.0 %	84.0 %	84.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 78/36,5	EI 78/36,5	EI 78/36,5	EI 78/36,5	EI 78/36,5	EI 78/36,5



Separating transformer CT



Electrical data	Typ	CT-010-060-12-0	CT-010-060-12-1	CT-010-060-12-2	CT-010-060-24-0	CT-010-060-24-1	CT-010-060-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	0,2 Aac	0,2 Aac	0,2 Aac	0,2 Aac	0,2 Aac	0,2 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	100 VA	100 VA	100 VA	100 VA	100 VA	100 VA
Standards	No-load voltage (app. x factor)	1.13	1.13	1.13	1.13	1.13	1.13
	Efficiency	84.0 %	84.0 %	84.0 %	84.0 %	84.0 %	84.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
Safety and protection	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 78/36,5	EI 78/36,5	EI 78/36,5	EI 78/36,5	EI 78/36,5	EI 78/36,5



Separating transformer CT



Electrical data	Typ	CT-015-048-12-0	CT-015-048-12-1	CT-015-048-12-2	CT-015-048-24-0	CT-015-048-24-1	CT-015-048-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac
	Rated input current	2 x 0,36 Aac	2 x 0,36 Aac	2 x 0,36 Aac	2 x 0,36 Aac	2 x 0,36 Aac	2 x 0,36 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	150 VA	150 VA	150 VA	150 VA	150 VA	150 VA
	No-load voltage (app. x factor)	1.10	1.10	1.10	1.10	1.10	1.10
	Efficiency	86.0 %	86.0 %	86.0 %	86.0 %	86.0 %	86.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 96/35,7	EI 96/35,7	EI 96/35,7	EI 96/35,7	EI 96/35,7	EI 96/35,7



Separating transformer CT



Electrical data	Typ	CT-015-060-12-0	CT-015-060-12-1	CT-015-060-12-2	CT-015-060-24-0	CT-015-060-24-1	CT-015-060-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	0,29 Aac	0,29 Aac	0,29 Aac	0,29 Aac	0,29 Aac	0,29 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	150 VA	150 VA	150 VA	150 VA	150 VA	150 VA
Standards	No-load voltage (app. x factor)	1.10	1.10	1.10	1.10	1.10	1.10
	Efficiency	86.0 %	86.0 %	86.0 %	86.0 %	86.0 %	86.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
Safety and protection	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 96/35,7	EI 96/35,7	EI 96/35,7	EI 96/35,7	EI 96/35,7	EI 96/35,7



Separating transformer CT



Electrical data	Typ	CT-020-048-12-0	CT-020-048-12-1	CT-020-048-12-2	CT-020-048-24-0	CT-020-048-24-1	CT-020-048-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac
	Rated input current	2 x 0,47 Aac	2 x 0,47 Aac	2 x 0,47 Aac	2 x 0,47 Aac	2 x 0,47 Aac	2 x 0,47 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	200 VA	200 VA	200 VA	200 VA	200 VA	200 VA
Standards	No-load voltage (app. x factor)	1.09	1.09	1.09	1.09	1.09	1.09
	Efficiency	88.0 %	88.0 %	88.0 %	88.0 %	88.0 %	88.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
Safety and protection	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 96/45,7	EI 96/45,7	EI 96/45,7	EI 96/45,7	EI 96/45,7	EI 96/45,7



Separating transformer CT



Electrical data	Typ	CT-020-060-12-0	CT-020-060-12-1	CT-020-060-12-2	CT-020-060-24-0	CT-020-060-24-1	CT-020-060-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	0,37 Aac	0,37 Aac	0,37 Aac	0,37 Aac	0,37 Aac	0,37 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	200 VA	200 VA	200 VA	200 VA	200 VA	200 VA
Standards	No-load voltage (app. x factor)	1.09	1.09	1.09	1.09	1.09	1.09
	Efficiency	88.0 %	88.0 %	88.0 %	88.0 %	88.0 %	88.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
Safety and protection	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 96/45,7	EI 96/45,7	EI 96/45,7	EI 96/45,7	EI 96/45,7	EI 96/45,7



Separating transformer CT



Electrical data	Typ	CT-025-048-12-0	CT-025-048-12-1	CT-025-048-12-2	CT-025-048-24-0	CT-025-048-24-1	CT-025-048-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac
	Rated input current	2 x 0,58 Aac	2 x 0,58 Aac	2 x 0,58 Aac	2 x 0,58 Aac	2 x 0,58 Aac	2 x 0,58 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	250 VA	250 VA	250 VA	250 VA	250 VA	250 VA
	No-load voltage (app. x factor)	1.07	1.07	1.07	1.07	1.07	1.07
	Efficiency	89.0 %	89.0 %	89.0 %	89.0 %	89.0 %	89.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 96/59,7	EI 96/59,7	EI 96/59,7	EI 96/59,7	EI 96/59,7	EI 96/59,7



Separating transformer CT



Electrical data	Typ	CT-025-060-12-0	CT-025-060-12-1	CT-025-060-12-2	CT-025-060-24-0	CT-025-060-24-1	CT-025-060-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	0,47 Aac	0,47 Aac	0,47 Aac	0,47 Aac	0,47 Aac	0,47 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	250 VA	250 VA	250 VA	250 VA	250 VA	250 VA
	No-load voltage (app. x factor)	1.07	1.07	1.07	1.07	1.07	1.07
	Efficiency	89.0 %	89.0 %	89.0 %	89.0 %	89.0 %	89.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 96/59,7	EI 96/59,7	EI 96/59,7	EI 96/59,7	EI 96/59,7	EI 96/59,7



Separating transformer CT



Electrical data	Typ	CT-030-048-12-0	CT-030-048-12-1	CT-030-048-12-2	CT-030-048-24-0	CT-030-048-24-1	CT-030-048-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac
	Rated input current	2 x 0,70 Aac	2 x 0,70 Aac	2 x 0,70 Aac	2 x 0,70 Aac	2 x 0,70 Aac	2 x 0,70 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	300 VA	300 VA	300 VA	300 VA	300 VA	300 VA
	No-load voltage (app. x factor)	1.08	1.08	1.08	1.08	1.08	1.08
	Efficiency	89.0 %	89.0 %	89.0 %	89.0 %	89.0 %	89.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 120/41,7	EI 120/41,7	EI 120/41,7	EI 120/41,7	EI 120/41,7	EI 120/41,7



Separating transformer CT



Electrical data	Typ	CT-030-060-12-0	CT-030-060-12-1	CT-030-060-12-2	CT-030-060-24-0	CT-030-060-24-1	CT-030-060-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	0,55 Aac	0,55 Aac	0,55 Aac	0,55 Aac	0,55 Aac	0,55 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	300 VA	300 VA	300 VA	300 VA	300 VA	300 VA
Standards	No-load voltage (app. x factor)	1.08	1.08	1.08	1.08	1.08	1.08
	Efficiency	89.0 %	89.0 %	89.0 %	89.0 %	89.0 %	89.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
Safety and protection	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 120/41,7	EI 120/41,7	EI 120/41,7	EI 120/41,7	EI 120/41,7	EI 120/41,7



Separating transformer CT



Electrical data	Typ	CT-035-048-12-0	CT-035-048-12-1	CT-035-048-12-2	CT-035-048-24-0	CT-035-048-24-1	CT-035-048-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac
	Rated input current	2 x 0,81 Aac	2 x 0,81 Aac	2 x 0,81 Aac	2 x 0,81 Aac	2 x 0,81 Aac	2 x 0,81 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	350 VA	350 VA	350 VA	350 VA	350 VA	350 VA
	No-load voltage (app. x factor)	1.07	1.07	1.07	1.07	1.07	1.07
	Efficiency	91.0 %	91.0 %	91.0 %	91.0 %	91.0 %	91.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 120/50,7	EI 120/50,7	EI 120/50,7	EI 120/50,7	EI 120/50,7	EI 120/50,7



Separating transformer CT



Electrical data	Typ	CT-035-060-12-0	CT-035-060-12-1	CT-035-060-12-2	CT-035-060-24-0	CT-035-060-24-1	CT-035-060-24-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	0,65 Aac	0,65 Aac	0,65 Aac	0,65 Aac	0,65 Aac	0,65 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	24 Vac	24 Vac	24 Vac
	Rated Power	350 VA	350 VA	350 VA	350 VA	350 VA	350 VA
	No-load voltage (app. x factor)	1.07	1.07	1.07	1.07	1.07	1.07
	Efficiency	91.0 %	91.0 %	91.0 %	91.0 %	91.0 %	91.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 120/50,7	EI 120/50,7	EI 120/50,7	EI 120/50,7	EI 120/50,7	EI 120/50,7



Separating transformer CT



Electrical data	Typ	CT-050-048-12-0	CT-050-048-12-1	CT-050-048-12-2	CT-050-060-12-0	CT-050-060-12-1	CT-050-060-12-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	2 x 1,13 Aac	2 x 1,13 Aac	2 x 1,13 Aac	0,91 Aac	0,91 Aac	0,91 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac
	Rated Power	500 VA	500 VA	500 VA	500 VA	500 VA	500 VA
	No-load voltage (app. x factor)	1.06	1.06	1.06	1.06	1.06	1.06
	Efficiency	91.0 %	91.0 %	91.0 %	91.0 %	91.0 %	91.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 120/73,7	EI 120/73,7	EI 120/73,7	EI 120/73,7	EI 120/73,7	EI 120/73,7

1 Transformers

Separating transformers



Separating transformer CT



Electrical data	Typ	CT-075-048-12-0	CT-075-048-12-1	CT-075-048-12-2	CT-075-060-12-0	CT-075-060-12-1	CT-075-060-12-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	2 x 1,69 Aac	2 x 1,69 Aac	2 x 1,69 Aac	2 x 1,35 Aac	2 x 1,35 Aac	2 x 1,35 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac
	Rated Power	750 VA	750 VA	750 VA	750 VA	750 VA	750 VA
Standards	No-load voltage (app. x factor)	1.05	1.05	1.05	1.05	1.05	1.05
	Efficiency	93.0 %	93.0 %	93.0 %	93.0 %	93.0 %	93.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
Safety and protection	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 150N/66,6	EI 150N/66,6	EI 150N/66,6	EI 150N/66,6	EI 150N/66,6	EI 150N/66,6



Separating transformer CT



Electrical data	Typ	CT-100-048-12-0	CT-100-048-12-1	CT-100-048-12-2	CT-100-060-12-0	CT-100-060-12-1	CT-100-060-12-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	2 x 2,3 Aac	2 x 2,3 Aac	2 x 2,3 Aac	1,8 Aac	1,8 Aac	1,8 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac
	Rated Power	1000 VA	1000 VA	1000 VA	1000 VA	1000 VA	1000 VA
	No-load voltage (app. x factor)	1.05	1.05	1.05	1.05	1.05	1.05
	Efficiency	93.0 %	93.0 %	93.0 %	93.0 %	93.0 %	93.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 174/52	EI 174/52	EI 174/52	EI 174/52	EI 174/52	EI 174/52



Separating transformer CT



Electrical data	Typ	CT-150-048-12-0	CT-150-048-12-1	CT-150-048-12-2	CT-150-060-12-0	CT-150-060-12-1	CT-150-060-12-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	2 x 3,3 Aac	2 x 3,3 Aac	2 x 3,3 Aac	2,6 Aac	2,6 Aac	2,6 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac
	Rated Power	1500 VA	1500 VA	1500 VA	1500 VA	1500 VA	1500 VA
Standards	No-load voltage (app. x factor)	1.04	1.04	1.04	1.04	1.04	1.04
	Efficiency	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
Safety and protection	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 192/66	EI 192/66	EI 192/66	EI 192/66	EI 192/66	EI 192/66



Separating transformer CT



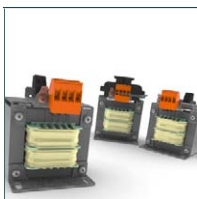
Electrical data	Typ	CT-200-048-12-0	CT-200-048-12-1	CT-200-048-12-2	CT-200-060-12-0	CT-200-060-12-1	CT-200-060-12-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	2 x 4,3 Aac	2 x 4,3 Aac	2 x 4,3 Aac	3,4 Aac	3,4 Aac	3,4 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac
	Rated Power	2000 VA	2000 VA	2000 VA	2000 VA	2000 VA	2000 VA
	No-load voltage (app. x factor)	1.03	1.03	1.03	1.03	1.03	1.03
	Efficiency	95.0 %	95.0 %	95.0 %	95.0 %	95.0 %	95.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 192/82	EI 192/82	EI 192/82	EI 192/82	EI 192/82	EI 192/82



Separating transformer CT



Electrical data	Typ	CT-250-048-12-0	CT-250-048-12-1	CT-250-048-12-2	CT-250-060-12-0	CT-250-060-12-1	CT-250-060-12-2
	Special features						
	Characteristics	-	Fused version	with DIN rail for additional components	-	Fused version	with DIN rail for additional components
	Input						
	Rated input voltage	2 x 240 Vac	2 x 240 Vac	2 x 240 Vac	600 Vac	600 Vac	600 Vac
	Rated input current	2 x 5,2 Aac	2 x 5,2 Aac	2 x 5,2 Aac	4,2 Aac	4,2 Aac	4,2 Aac
	Frequency Range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output						
	Rated output voltage	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac	120 Vac
	Rated Power	2500 VA	2500 VA	2500 VA	2500 VA	2500 VA	2500 VA
	No-load voltage (app. x factor)	1.03	1.03	1.03	1.03	1.03	1.03
	Efficiency	95.0 %	95.0 %	95.0 %	95.0 %	95.0 %	95.0 %
	Standards						
	Classification	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer	Separating transformer
	Approvals	cURus	cURus	cURus	cURus	cURus	cURus
	Environment						
	Type of cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C	max. 40 °C
	Safety and protection						
	Type	Open type	Open type	Open type	Open type	Open type	Open type
	Insulation class	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130	B, class 130
	Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
	Safety class (prepared)	I	I	I	I	I	I
	Short circuit strength	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof	non-short-circuit proof
	Core	EI 192/100	EI 192/100	EI 192/100	EI 192/100	EI 192/100	EI 192/100

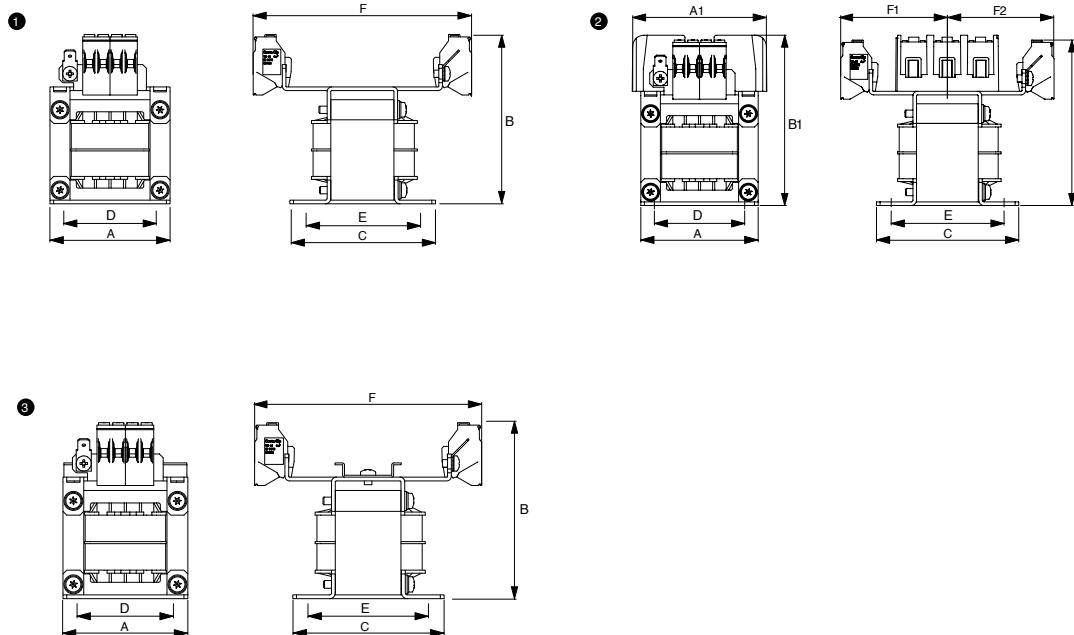


Separating transformer CT



Mechanical data		30 mm										
Typ	Dimension picture (in mm)											Weight
		A	A1	B	B1	C	D	E	F1	F2	F	
CT-005-048-12-0	1	66	-	92.7	-	80	50.8	63.5	-	-	120	1.00 kg
CT-005-048-12-1	2	66	75.7	92.7	95.4	80	50.8	63.5	60	60	-	1.00 kg
CT-005-048-12-2	3	66	-	92.7	-	80	50.8	63.5	-	-	120	1.00 kg
CT-005-048-24-0	1	66	-	92.7	-	80	50.8	63.5	-	-	120	1.00 kg
CT-005-048-24-1	2	66	75.7	92.7	95.4	80	50.8	63.5	60	60	-	1.00 kg
CT-005-048-24-2	3	66	-	92.7	-	80	50.8	63.5	-	-	120	1.00 kg

Dimension pictures



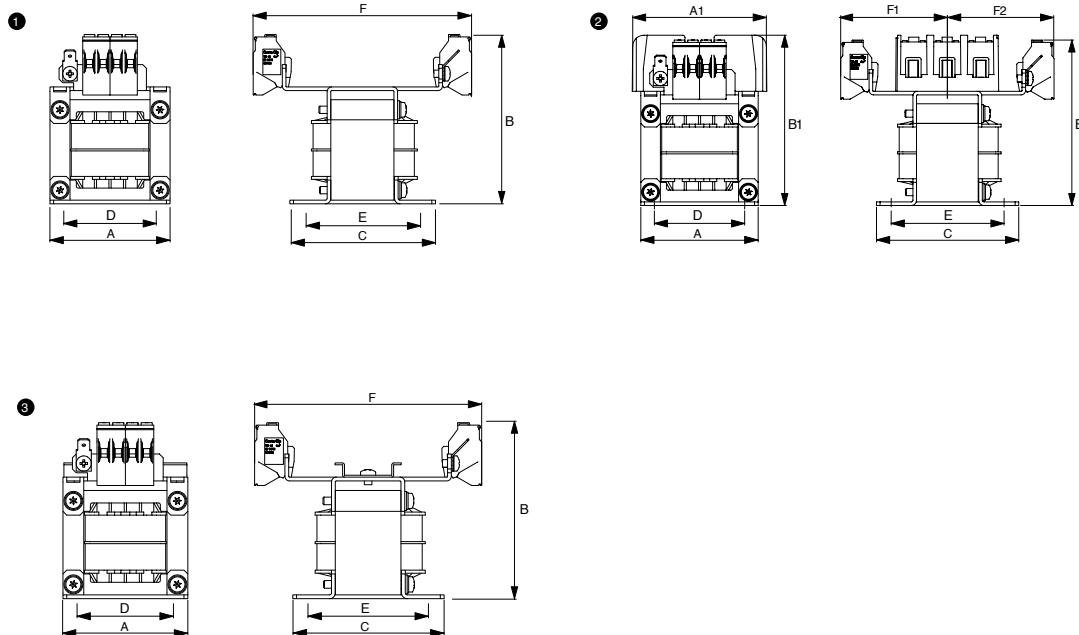


Separating transformer CT



Mechanical data	Typ	30											
		Dimension picture (in mm)											
		A	A1	B	B1	C	D	E	F1	F2	F	Weight	
		CT-005-060-12-0	66	-	92.7	-	80	50.8	63.5	-	-	120	1.00 kg
		CT-005-060-12-1	66	75.7	92.7	95.4	80	50.8	63.5	60	60	-	1.00 kg
		CT-005-060-12-2	66	-	92.7	-	80	50.8	63.5	-	-	120	1.00 kg
		CT-005-060-24-0	66	-	92.7	-	80	50.8	63.5	-	-	120	1.00 kg
		CT-005-060-24-1	66	75.7	92.7	95.4	80	50.8	63.5	60	60	-	1.00 kg
		CT-005-060-24-2	66	-	92.7	-	80	50.8	63.5	-	-	120	1.00 kg

Dimension pictures



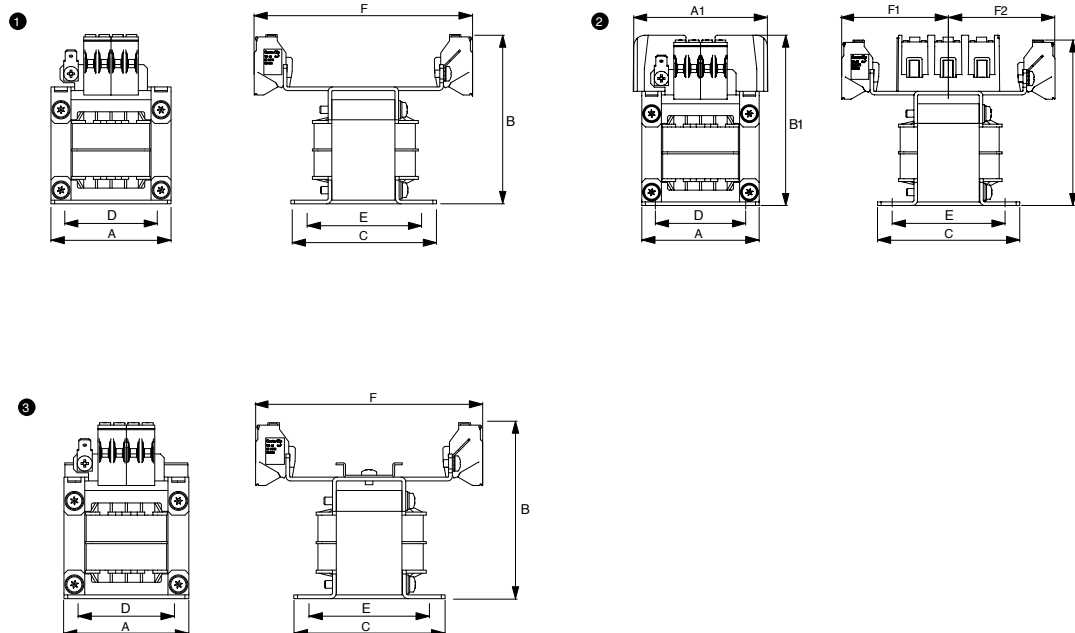


Separating transformer CT



Mechanical data	30 mm	Typ	Dimension picture (in mm)											Weight
			A	A1	B	B1	C	D	E	F1	F2	F		
CT-007-048-12-0	1	78	-	102.7	-	79	66	63.5	-	-	112.8	1.10 kg		
CT-007-048-12-1	2	78	78	102.7	105.4	79	66	63.5	56.4	56.4	-	1.10 kg		
CT-007-048-12-2	3	78	-	102.7	-	79	66	63.5	-	-	112.8	1.10 kg		
CT-007-048-24-0	4	78	-	102.7	-	79	66	63.5	-	-	112.8	1.10 kg		
CT-007-048-24-1	5	78	78	102.7	105.4	79	66	63.5	56.4	56.4	-	1.10 kg		
CT-007-048-24-2	6	78	-	102.7	-	79	66	63.5	-	-	112.8	1.10 kg		

Dimension pictures



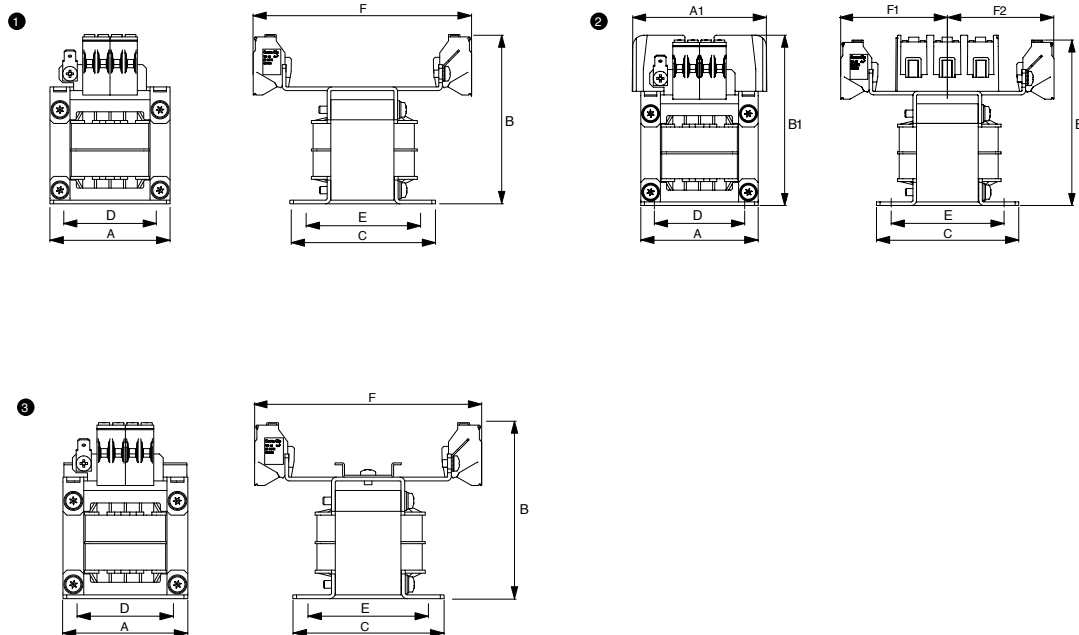


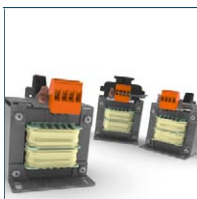
Separating transformer CT



Mechanical data	30 mm	Typ	Dimension picture (in mm)										Weight
			A	A1	B	B1	C	D	E	F1	F2	F	
CT-007-060-12-0	1	78	-	102.7	-	79	66	63.5	-	-	112.8	1.10 kg	
CT-007-060-12-1	2	78	78	102.7	105.4	79	66	63.5	56.4	56.4	-	1.10 kg	
CT-007-060-12-2	3	78	-	102.7	-	79	66	63.5	-	-	112.8	1.10 kg	
CT-007-060-24-0	4	78	-	102.7	-	79	66	63.5	-	-	112.8	1.10 kg	
CT-007-060-24-1	5	78	78	102.7	105.4	79	66	63.5	56.4	56.4	-	1.10 kg	
CT-007-060-24-2	6	78	-	102.7	-	79	66	63.5	-	-	112.8	1.10 kg	

Dimension pictures



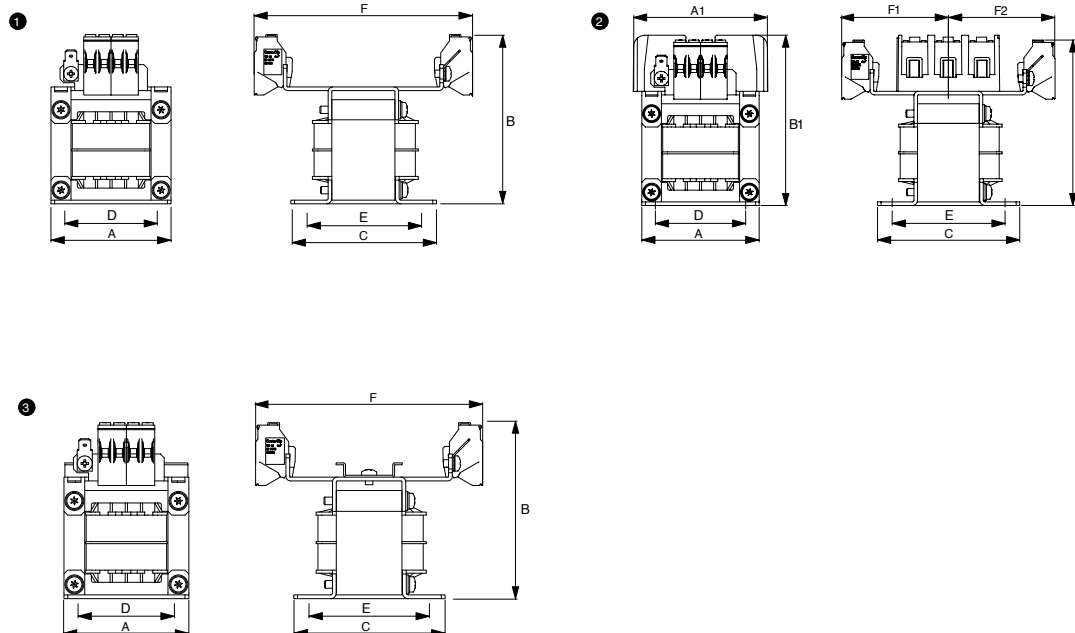


Separating transformer CT



Typ	Dimension picture (in mm)											Weight
		A	A1	B	B1	C	D	E	F1	F2	F	
CT-010-048-12-0	1	78	-	102.7	-	82	66	66	-	-	121.8	1.50 kg
CT-010-048-12-1	2	78	78	102.7	105.4	82	66	66	60.9	60.9	-	1.50 kg
CT-010-048-12-2	3	78	-	102.7	-	82	66	66	-	-	121.8	1.50 kg
CT-010-048-24-0	1	78	-	102.7	-	82	66	66	-	-	121.8	1.50 kg
CT-010-048-24-1	2	78	78	102.7	105.4	82	66	66	60.9	60.9	-	1.50 kg
CT-010-048-24-2	3	78	-	102.7	-	82	66	66	-	-	121.8	1.50 kg

Dimension pictures



1 Transformers

Separating transformers

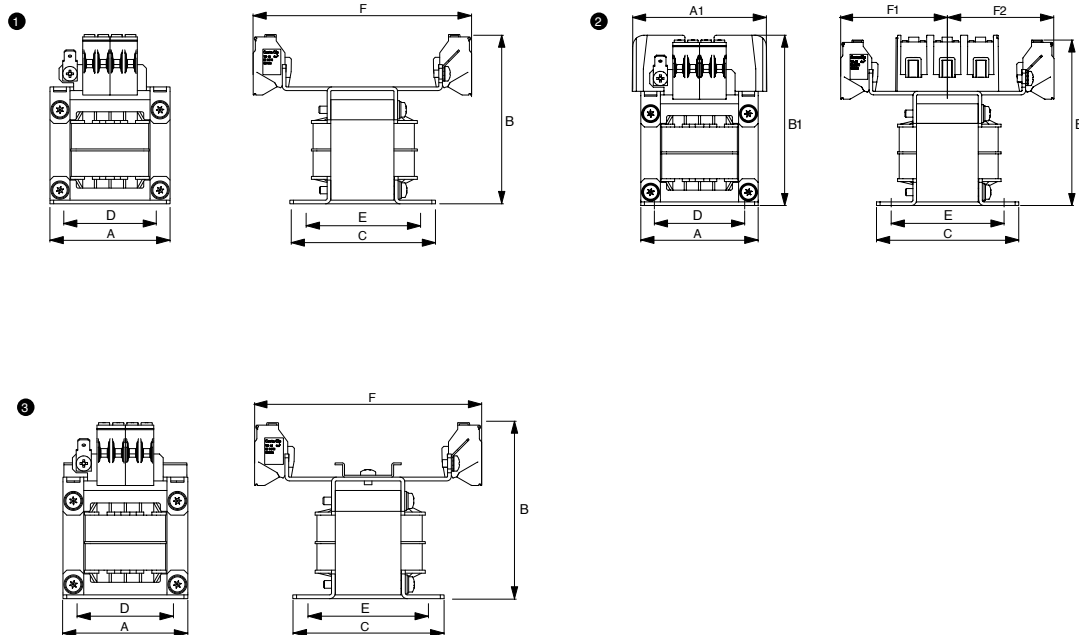


Separating transformer CT



Mechanical data	30 mm	Typ	Dimension picture (in mm)											Weight
			A	A1	B	B1	C	D	E	F1	F2	F		
CT-010-060-12-0	1	78	-	102.7	-	82	66	66	-	-	121.8	1.50 kg		
CT-010-060-12-1	2	78	78	102.7	105.4	82	66	66	60.9	60.9	-	1.50 kg		
CT-010-060-12-2	3	78	-	102.7	-	82	66	66	-	-	121.8	1.50 kg		
CT-010-060-24-0	1	78	-	102.7	-	82	66	66	-	-	121.8	1.50 kg		
CT-010-060-24-1	2	78	78	102.7	105.4	82	66	66	60.9	60.9	-	1.50 kg		
CT-010-060-24-2	3	78	-	102.7	-	82	66	66	-	-	121.8	1.50 kg		

Dimension pictures



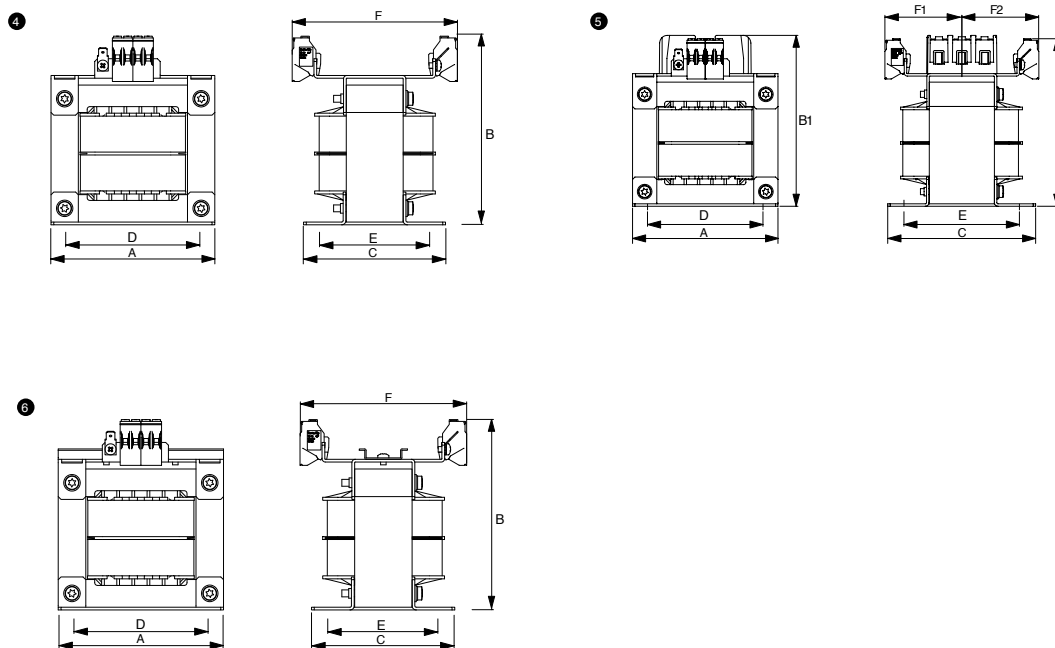


Separating transformer CT



Mechanical data		30 mm											
Typ	Dimension picture (in mm)												
		A	A1	B	B1	C	D	E	F1	F2	F	Weight	
	CT-015-048-12-0	4	96	-	117.7	-	100	80	76.2	-	-	117	2.20 kg
	CT-015-048-12-1	5	96	96	117.7	120.4	100	80	76.2	58.5	58.5	-	2.20 kg
	CT-015-048-12-2	6	96	-	117.7	-	100	80	76.2	-	-	117	2.20 kg
	CT-015-048-24-0	4	96	-	117.7	-	100	80	76.2	-	-	117	2.20 kg
	CT-015-048-24-1	5	96	96	117.7	120.4	100	80	76.2	58.5	58.5	-	2.20 kg
	CT-015-048-24-2	6	96	-	117.7	-	100	80	76.2	-	-	117	2.20 kg

Dimension pictures



1 Transformers

Separating transformers

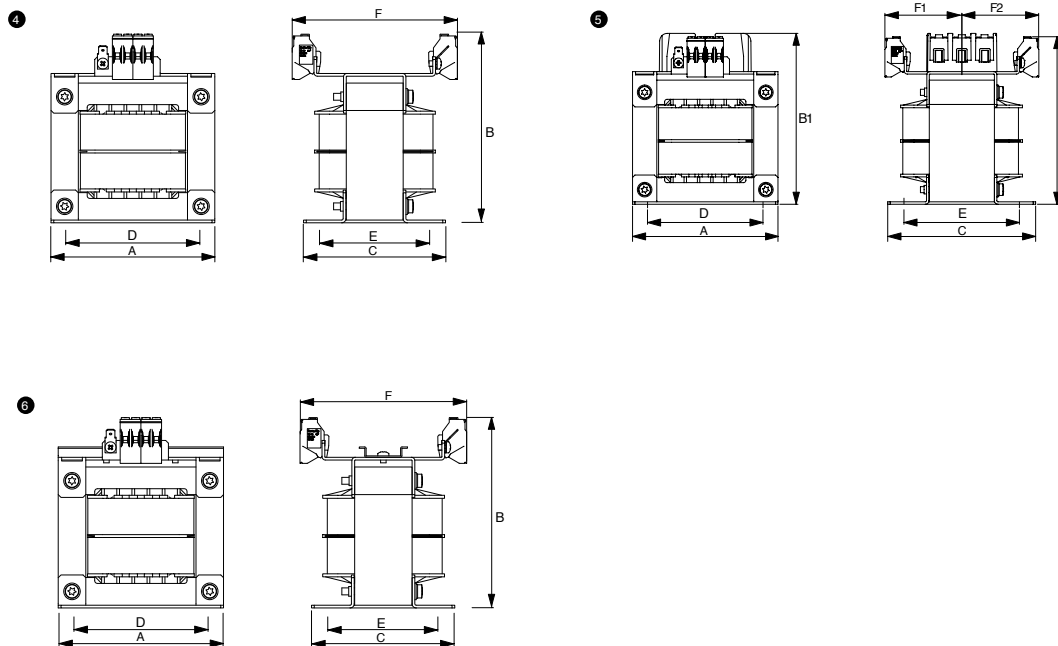


Separating transformer CT



Mechanical data	30 mm	Typ	Dimension picture (in mm)										Weight	
			A	A1	B	B1	C	D	E	F1	F2	F		
		CT-015-060-12-0	4	96	-	117.7	-	100	80	76.2	-	-	117	2.20 kg
		CT-015-060-12-1	5	96	96	117.7	120.4	100	80	76.2	58.5	58.5	-	2.20 kg
		CT-015-060-12-2	6	96	-	117.7	-	100	80	76.2	-	-	117	2.20 kg
		CT-015-060-24-0	4	96	-	117.7	-	100	80	76.2	-	-	117	2.20 kg
		CT-015-060-24-1	5	96	96	117.7	120.4	100	80	76.2	58.5	58.5	-	2.20 kg
		CT-015-060-24-2	6	96	-	117.7	-	100	80	76.2	-	-	117	2.20 kg

Dimension pictures



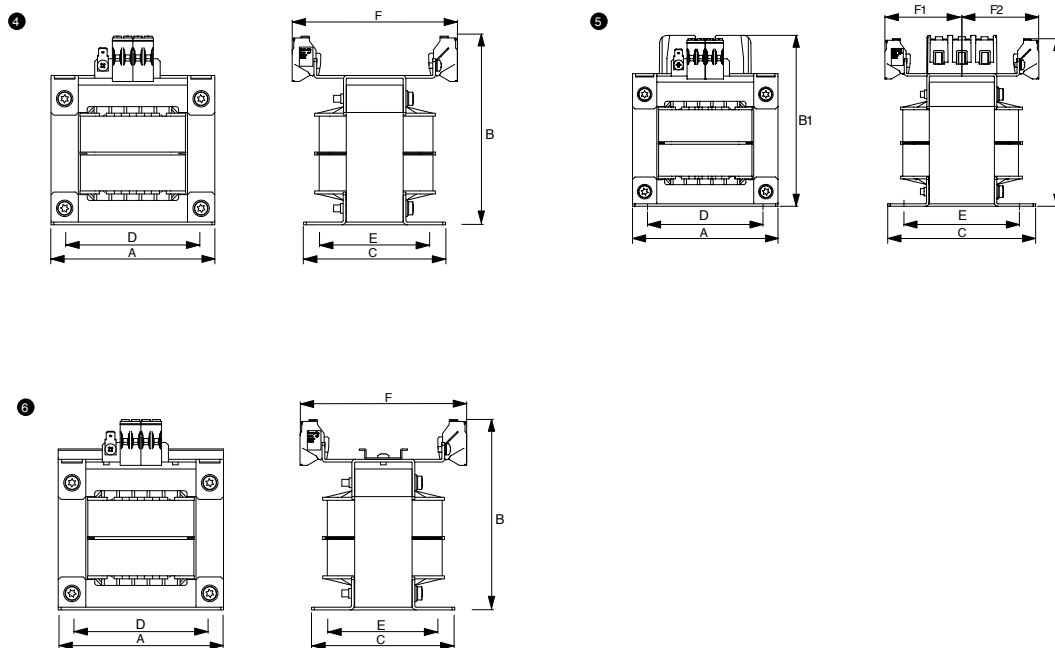


Separating transformer CT



Mechanical data		30 mm										
Typ	Dimension picture (in mm)	A	A1	B	B1	C	D	E	F1	F2	F	Weight
CT-020-048-12-0		96	-	117.7	-	108	80	84	-	-	125	2.80 kg
CT-020-048-12-1		96	96	117.7	120.4	108	80	84	62.5	62.5	-	2.80 kg
CT-020-048-12-2		96	-	117.7	-	108	80	84	-	-	125	2.80 kg
CT-020-048-24-0		96	-	117.7	-	108	80	84	-	-	125	2.80 kg
CT-020-048-24-1		96	96	117.7	120.4	108	80	84	62.5	62.5	-	2.80 kg
CT-020-048-24-2		96	-	117.7	-	108	80	84	-	-	125	2.80 kg

Dimension pictures



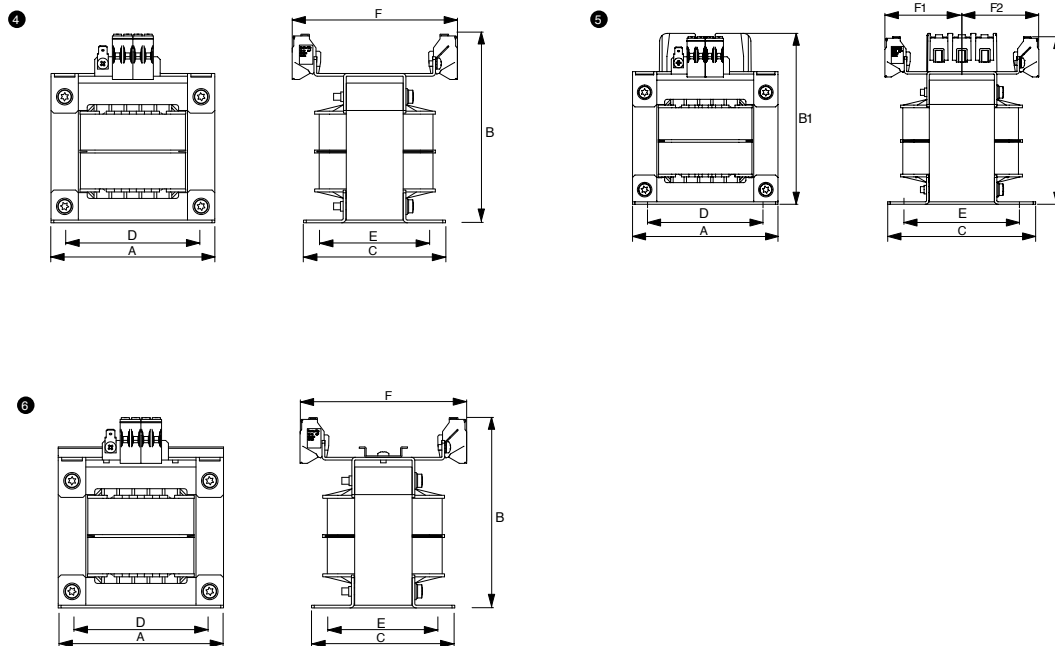


Separating transformer CT



Mechanical data	Typ	Dimension picture (in mm)													Weight
		A	A1	B	B1	C	D	E	F1	F2	F				
		CT-020-060-12-0	4	96	-	117.7	-	108	80	84	-	-	125	2.80 kg	
		CT-020-060-12-1	5	96	96	117.7	120.4	108	80	84	62.5	62.5	-	2.80 kg	
		CT-020-060-12-2	6	96	-	117.7	-	108	80	84	-	-	125	2.80 kg	
		CT-020-060-24-0	4	96	-	117.7	-	108	80	84	-	-	125	2.80 kg	
		CT-020-060-24-1	5	96	96	117.7	120.4	108	80	84	62.5	62.5	-	2.80 kg	
		CT-020-060-24-2	6	96	-	117.7	-	108	80	84	-	-	125	2.80 kg	

Dimension pictures



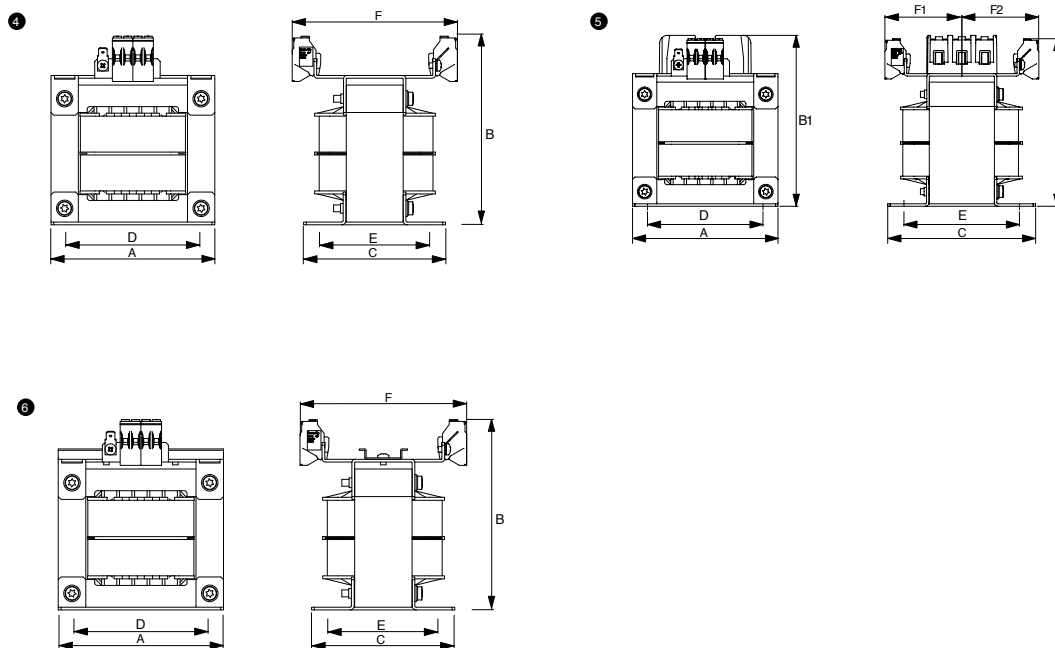


Separating transformer CT



Mechanical data		30 mm										
Typ	Dimension picture (in mm)	A	A1	B	B1	C	D	E	F1	F2	F	Weight
CT-025-048-12-0	4	96	-	117.7	-	122	80	99	-	-	123	3.50 kg
CT-025-048-12-1	5	96	96	117.7	120.4	122	80	99	61.5	61.5	-	3.50 kg
CT-025-048-12-2	6	96	-	117.7	-	122	80	99	-	-	123	3.50 kg
CT-025-048-24-0	4	96	-	117.7	-	122	80	99	-	-	123	3.50 kg
CT-025-048-24-1	5	96	96	117.7	120.4	122	80	99	61.5	61.5	-	3.50 kg
CT-025-048-24-2	6	96	-	117.7	-	122	80	99	-	-	123	3.50 kg

Dimension pictures



1 Transformers

Separating transformers

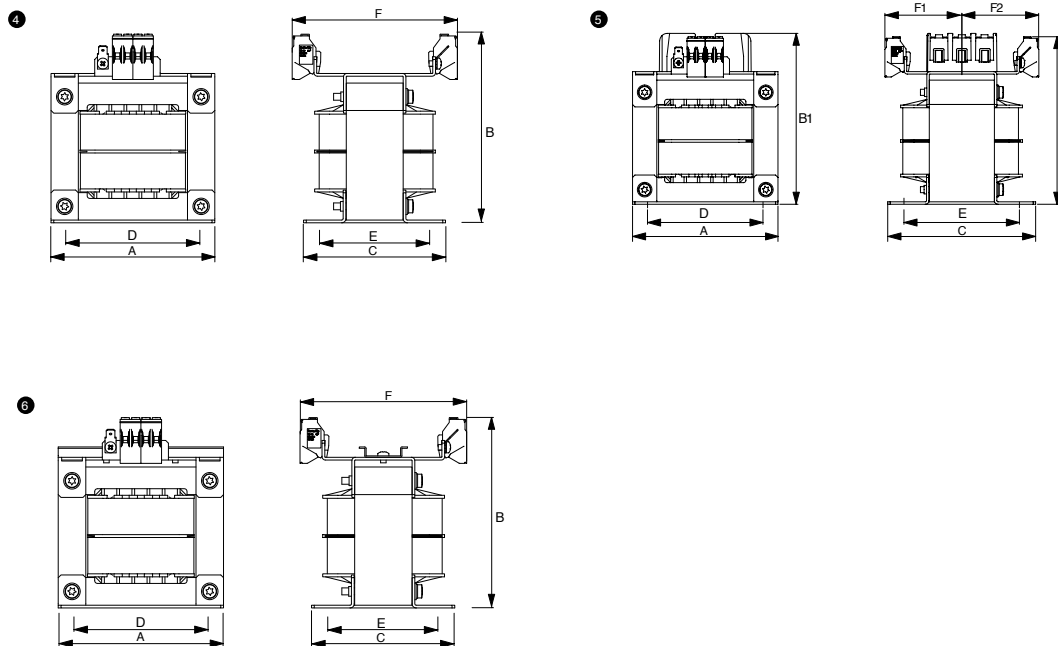


Separating transformer CT



Mechanical data	30 mm	Typ	Dimension picture (in mm)											Weight
			A	A1	B	B1	C	D	E	F1	F2	F		
CT-025-060-12-0	4	96	-	117.7	-	122	80	99	-	-	123	3.50 kg		
CT-025-060-12-1	5	96	96	117.7	120.4	122	80	99	61.5	61.5	-	3.50 kg		
CT-025-060-12-2	6	96	-	117.7	-	122	80	99	-	-	123	3.50 kg		
CT-025-060-24-0	4	96	-	117.7	-	122	80	99	-	-	123	3.50 kg		
CT-025-060-24-1	5	96	96	117.7	120.4	122	80	99	61.5	61.5	-	3.50 kg		
CT-025-060-24-2	6	96	96	117.7	117.7	122	80	99	61.5	61.5	-	3.50 kg		

Dimension pictures



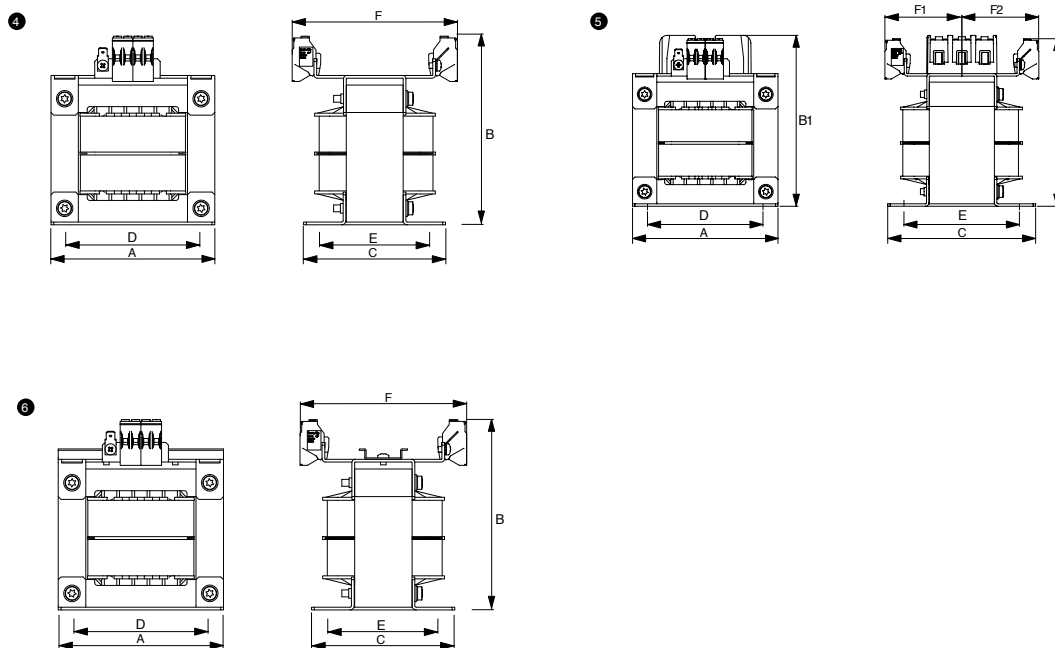


Separating transformer CT



Mechanical data		30 mm												
Typ	Dimension picture (in mm)	A	A1	B	B1	C	D	E	F1	F2	F	Weight		
CT-030-048-12-0	4	120	-	137.7	-	104	95	80	-	-	121	4.00 kg		
CT-030-048-12-1	5	120	120	137.7	140.4	104	95	80	60.5	60.5	-	4.00 kg		
CT-030-048-12-2	6	120	-	137.7	-	104	95	80	-	-	121	4.00 kg		
CT-030-048-24-0	4	120	-	137.7	-	104	95	80	-	-	121	4.00 kg		
CT-030-048-24-1	5	120	120	137.7	140.4	104	95	80	60.5	60.5	-	4.00 kg		
CT-030-048-24-2	6	120	-	137.7	-	104	95	80	-	-	121	4.00 kg		

Dimension pictures



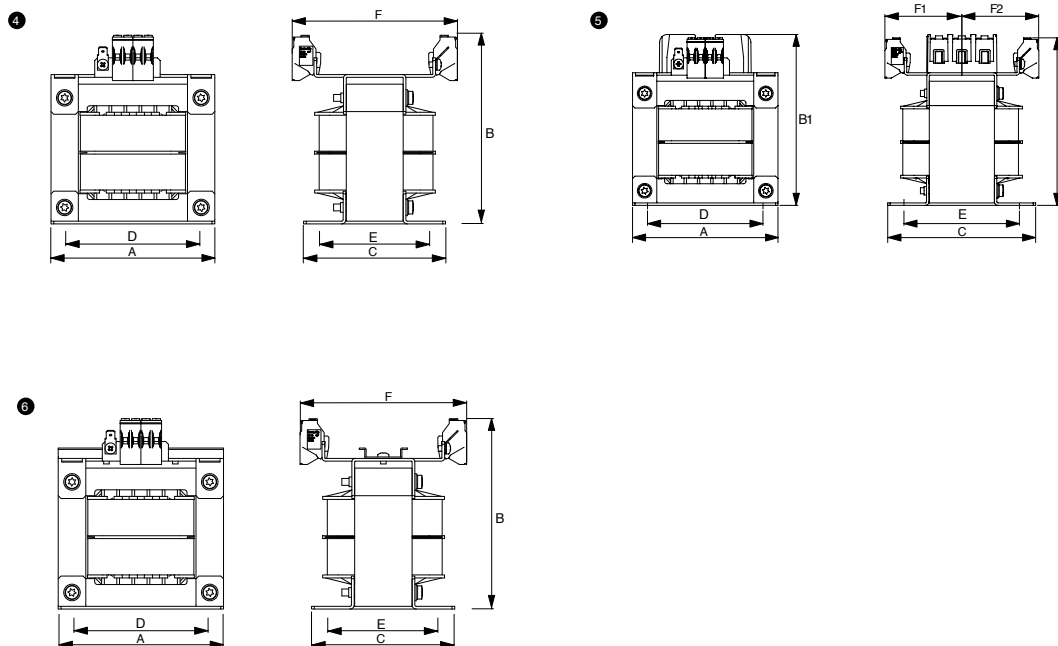


Separating transformer CT



Mechanical data		30 minimum																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Typ	Dimension picture (in mm)	A	A1	B	B1	C	D	E	F1	F2	F	Weight																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

Dimension pictures



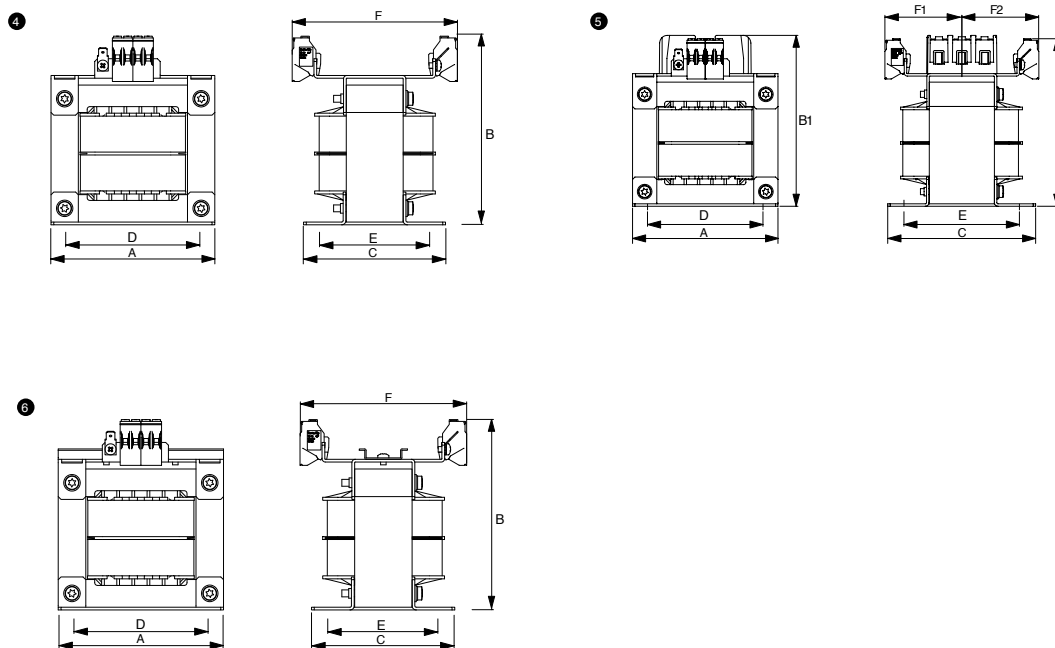


Separating transformer CT



Mechanical data		30 mm													
Typ	Dimension picture (in mm)														
		A	A1	B	B1	C	D	E	F1	F2	F	Weight			
CT-035-048-24-0	4	120	-	137.7	-	122	95	95	-	-	127	5.00 kg			
CT-035-048-24-1	5	120	120	137.7	140.4	122	95	95	63.5	63.5	-	5.00 kg			
CT-035-048-24-2	6	120	-	137.7	-	122	95	95	-	-	127	5.00 kg			
CT-035-060-12-0	4	120	-	137.7	-	122	95	95	-	-	127	5.00 kg			
CT-035-060-12-1	5	120	120	137.7	140.4	122	95	95	63.5	63.5	-	5.00 kg			
CT-035-060-12-2	6	120	-	137.7	-	122	95	95	-	-	127	5.00 kg			

Dimension pictures



1 Transformers

Separating transformers

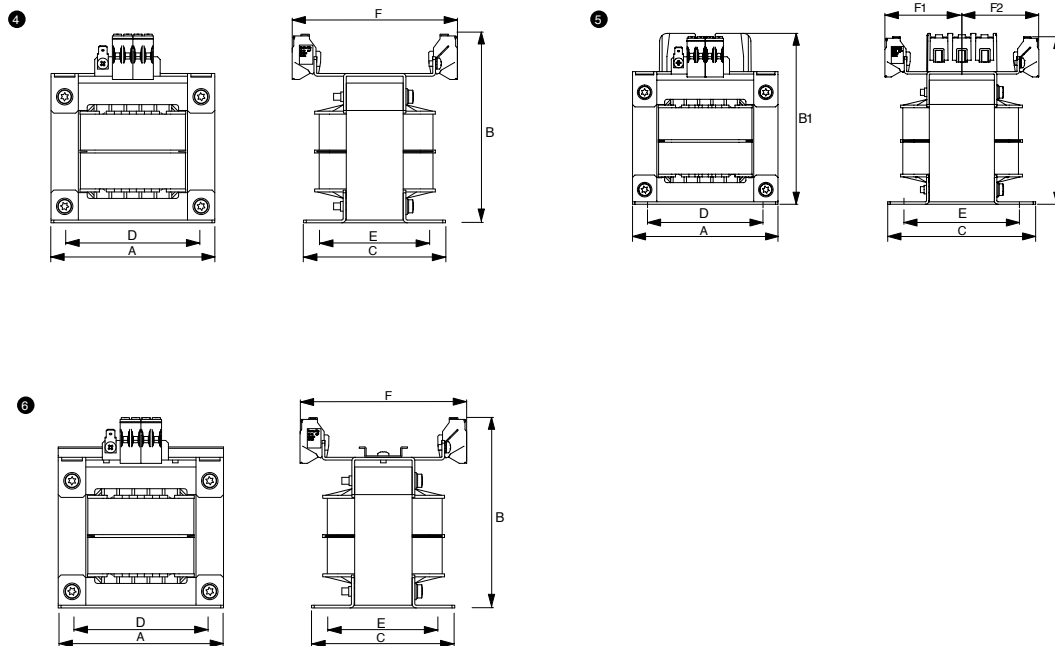


Separating transformer CT



Mechanical data	30 mm	Typ	Dimension picture (in mm)										Weight
			A	A1	B	B1	C	D	E	F1	F2	F	
CT-035-060-24-0	4	120	-	137.7	-	122	95	95	-	-	127	5.00 kg	
CT-035-060-24-1	5	120	120	137.7	140.4	122	95	95	63.5	63.5	-	5.00 kg	
CT-035-060-24-2	6	120	-	137.7	-	122	95	95	-	-	127	5.00 kg	
CT-050-048-12-0	4	120	-	137.7	-	145	95	114	-	-	137	6.80 kg	
CT-050-048-12-1	5	120	120	137.7	140.4	145	95	114	68.5	68.5	-	6.80 kg	
CT-050-048-12-2	6	120	-	137.7	-	145	95	114	-	-	137	6.80 kg	

Dimension pictures



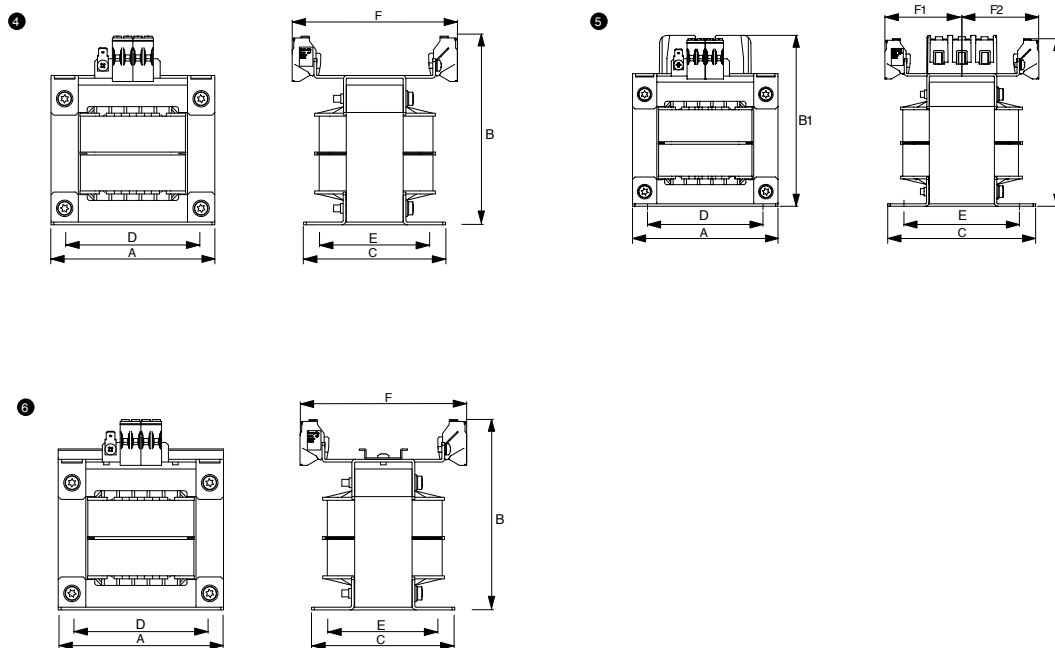


Separating transformer CT



Mechanical data	30 mm	Typ	Dimension picture (in mm)												Weight
				A	A1	B	B1	C	D	E	F1	F2	F		
CT-050-060-12-0		4	120	-	137.7	-	145	95	114	-	-	137	6.80 kg		
CT-050-060-12-1		5	120	120	137.7	140.4	145	95	114	68.5	68.5	-	6.80 kg		
CT-050-060-12-2		6	120	-	137.7	-	145	95	114	-	-	137	6.80 kg		
CT-075-048-12-0		4	150	-	162.7	-	140	112	109	-	-	132	9.80 kg		
CT-075-048-12-1		5	150	150	162.7	165.4	140	112	109	66	66	-	9.80 kg		
CT-075-048-12-2		6	150	-	162.7	-	140	112	109	-	-	132	9.80 kg		

Dimension pictures



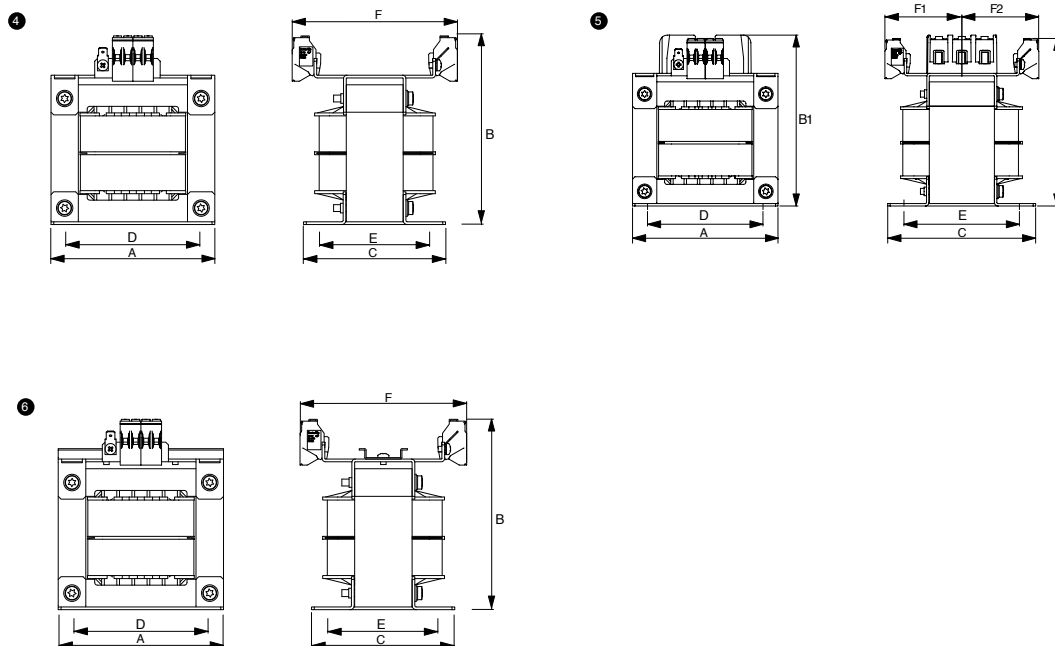


Separating transformer CT



Mechanical data	Typ	Dimension picture (in mm)											Weight
			A	A1	B	B1	C	D	E	F1	F2	F	
30 minimum	CT-075-060-12-0	4	150	-	162.7	-	140	112	109	-	-	132	9.80 kg
	CT-075-060-12-1	5	150	150	162.7	165.4	140	112	109	66	66	-	9.80 kg
	CT-075-060-12-2	6	150	-	162.7	-	140	112	109	-	-	132	9.80 kg
	CT-100-048-12-0	4	174	-	183.2	-	145	140	113	-	-	122	11.20 kg
	CT-100-048-12-1	5	174	174	183.2	185.9	145	140	113	61	61	-	11.20 kg
	CT-100-048-12-2	5	174	-	183.2	-	145	140	113	-	-	122	11.20 kg
	CT-100-060-12-0	4	174	-	183.2	-	145	140	113	-	-	122	11.20 kg
	CT-100-060-12-1	5	174	174	183.2	185.9	145	140	113	61	61	-	11.20 kg

Dimension pictures



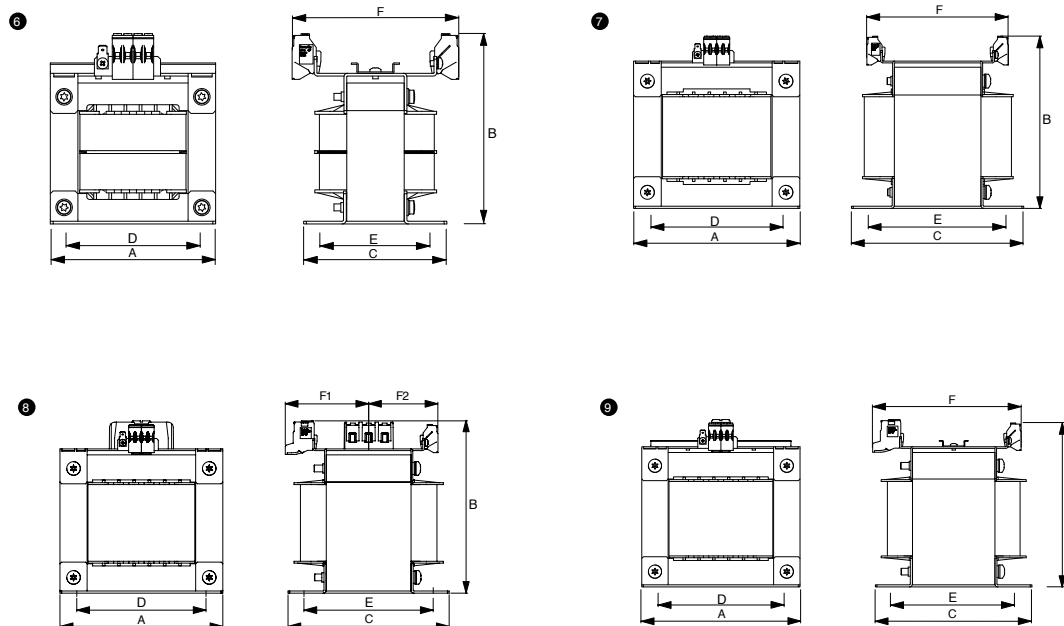


Separating transformer CT



Mechanical data	Type	Dimension picture (in mm)											Weight
			A	A1	B	B1	C	D	E	F1	F2	F	
	CT-100-060-12-2	6	174	-	183.2	-	145	140	113	-	-	122	11.20 kg
	CT-150-048-12-0	7	192	-	198.2	-	165	152.4	127	-	-	130	16.70 kg
	CT-150-048-12-1	8	192	192	198.2	200.9	165	152.4	127	65	65	-	16.70 kg
	CT-150-048-12-2	9	192	-	198.2	-	165	152.4	127	-	-	130	16.70 kg
	CT-150-060-12-0	7	192	-	198.2	-	165	152	127	-	-	130	16.70 kg
	CT-150-060-12-1	8	192	192	198.2	200.9	165	152.4	127	65	65	-	16.70 kg

Dimension pictures





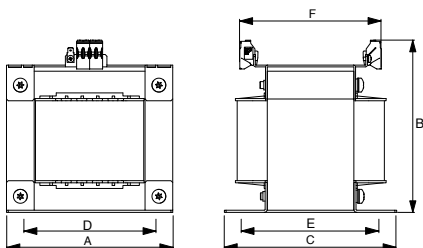
Separating transformer CT



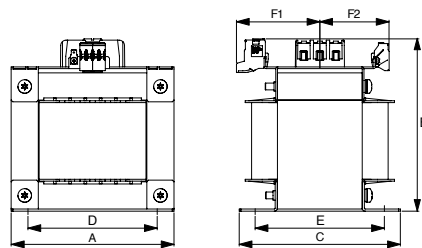
Mechanical data	30 mm	Typ	Dimension picture (in mm)											Weight
				A	A1	B	B1	C	D	E	F1	F2	F	
		CT-150-060-12-2		192	-	198.2	-	165	152.4	127	-	-	130	16.70 kg
		CT-200-048-12-0		192	-	202.4	-	180	152.4	140	-	-	162.1	21.00 kg
		CT-200-048-12-1		192	192	202.4	202.4	180	152.4	140	89.3	72.8	-	21.00 kg
		CT-200-048-12-2		192	-	202.4	-	180	152.4	140	-	-	162.1	21.00 kg
		CT-200-060-12-0		192	-	202.4	-	180	152.4	140	-	-	162.1	21.00 kg
		CT-200-060-12-1		192	192	202.4	202.4	180	152.4	140	89.3	72.8	-	21.00 kg

Dimension pictures

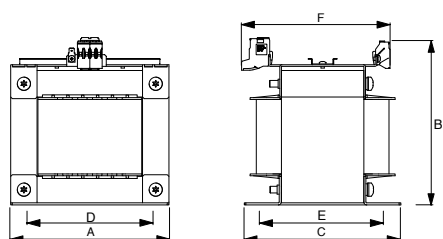
7

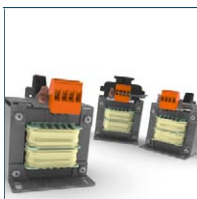


8



9



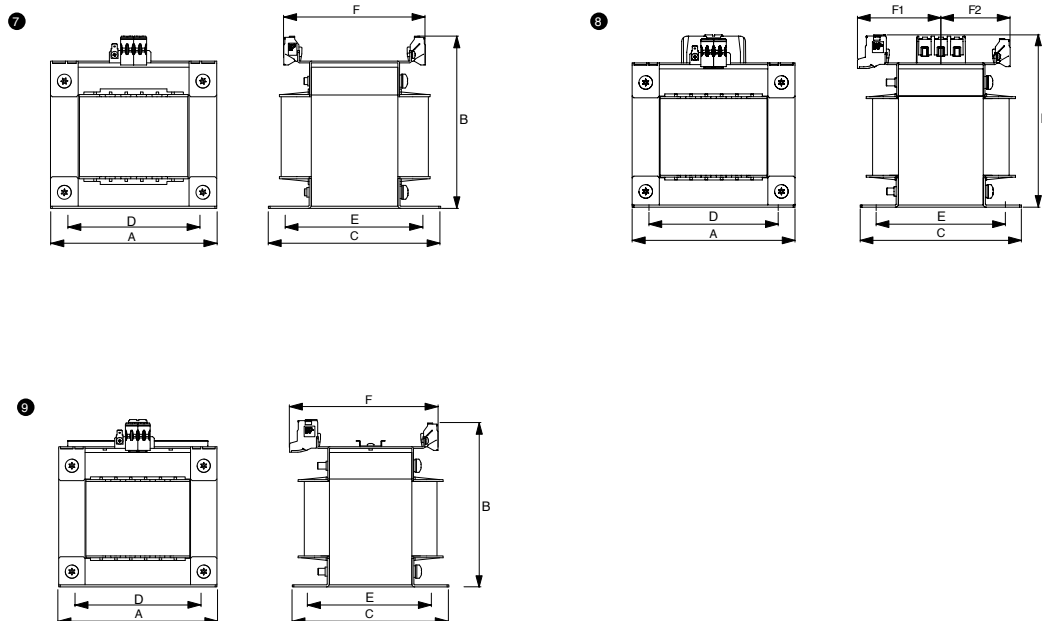


Separating transformer CT



Typ	Dimension picture (in mm)											Weight
		A	A1	B	B1	C	D	E	F1	F2	F	
CT-200-060-12-2	⑦	192	-	202.4	-	180	152.4	140	-	-	162.1	21.00 kg
CT-250-048-12-0	⑦	192	-	202.4	-	190	152.4	152.4	-	-	180.1	25.80 kg
CT-250-048-12-1	⑧	192	192	202.4	202.4	190	152.4	152.4	98.3	81.8	-	25.80 kg
CT-250-048-12-2	⑧	192	-	202.4	-	190	152.4	152.4	-	-	180.1	25.80 kg
CT-250-060-12-0	⑦	192	-	202.4	-	190	152.4	152.4	-	-	180.1	25.80 kg
CT-250-060-12-1	⑧	192	192	202.4	202.4	190	152.4	152.4	98.3	81.8	-	25.80 kg

Dimension pictures





Separating transformer

CT



Mechanical data	30												
	Typ	Dimension picture (in mm)	A	A1	B	B1	C	D	E	F1	F2	F	Weight
			192	-	202.4	-	190	152.4	152.4	-	-	180.1	
			CT-250-060-12-2										
25.80 kg													

Dimension pictures

