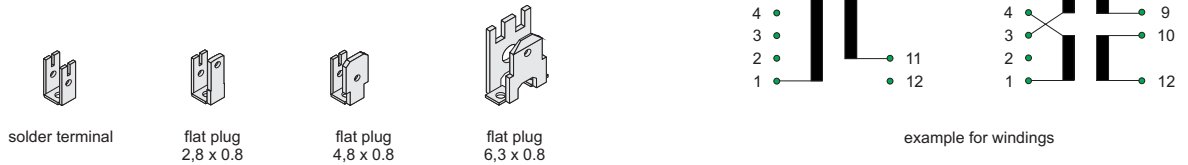
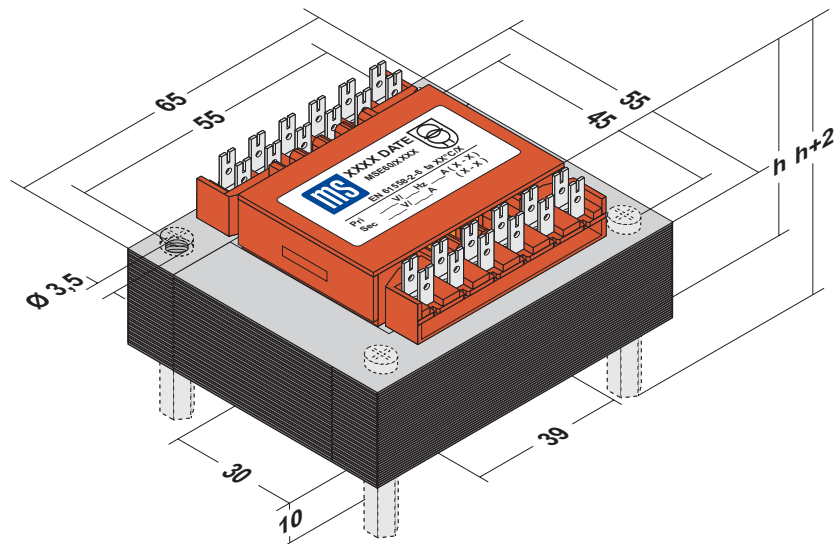


# type MSE 60 LP encapsulated

18 ... 29 VA



MSE 60	type size [ mm ]	height h [ mm ]	power [ VA ]			
			ta 40°C/B		ta 70°C/B	
			compact	economy	compact	economy
	MSE 60/21	43	29	25	21	18

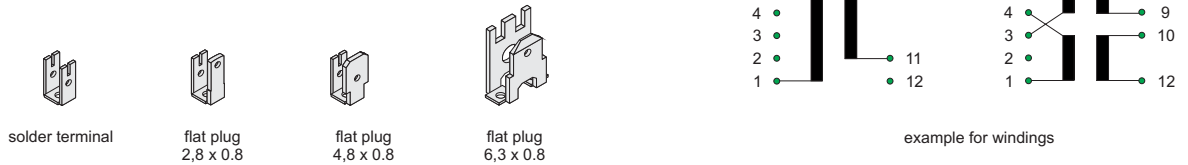
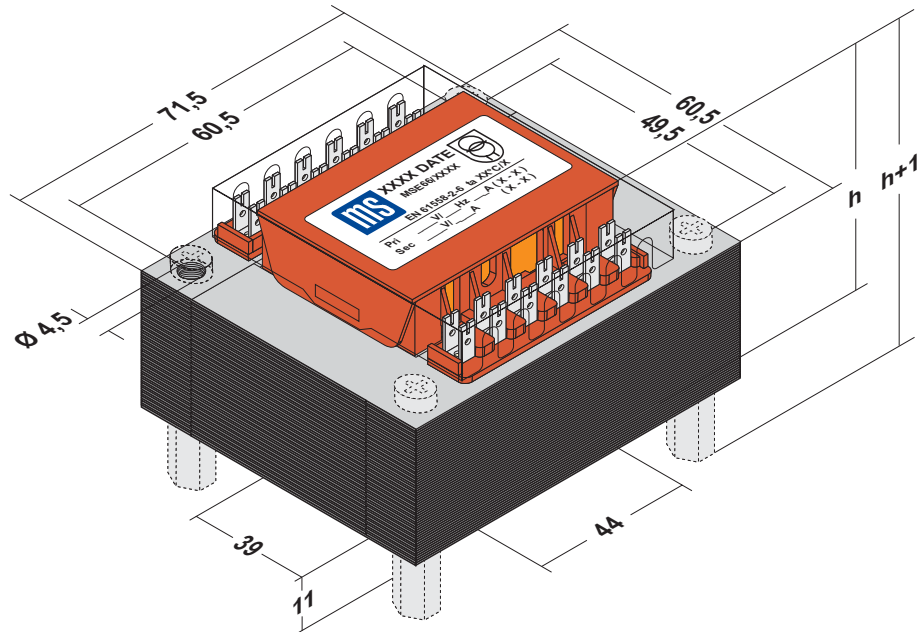
- \* safety transformer satisfying EN 60742 ( VDE 0551 ) / EN 61558-2-6 ( U<sub>0</sub> < 50 V )
- \* construction with fully encapsulated windings; > 8 mm separation (cr and cl) between primary and secondary
- \* approval according EN 61558, SEV, SEMKO, ENEC and CE sign
- \* UL-approval E 182006 on demand
- \* U<sub>0</sub> > 50 V: insulating transformer according EN 61558-2-4
- \* automated production yields highest reliability
- \* extremely small magnetic perturbation field due to optimized core geometry and very good power efficiency
- \* maximum one or two windings primary respectively until three windings secondary
- \* optional: temperature fuse / PTC / fail-safe
- \* optional: with 4 distance bolt M3 x 12

9802

technical changes reserved

# type MSE 66 LP encapsulated

# 32 ... 74 VA



<b>MSE 66</b>	type size [ mm ]	height h [ mm ]	power [ VA ]			
			ta 40°C/B		ta 70°C/B	
			compact	economy	compact	economy
	MSE 66/23	47,5	54	44	38	32
	MSE 66/30	54,5	66	56	48	40
MSE 66/36	60,5	74	62	54	45	

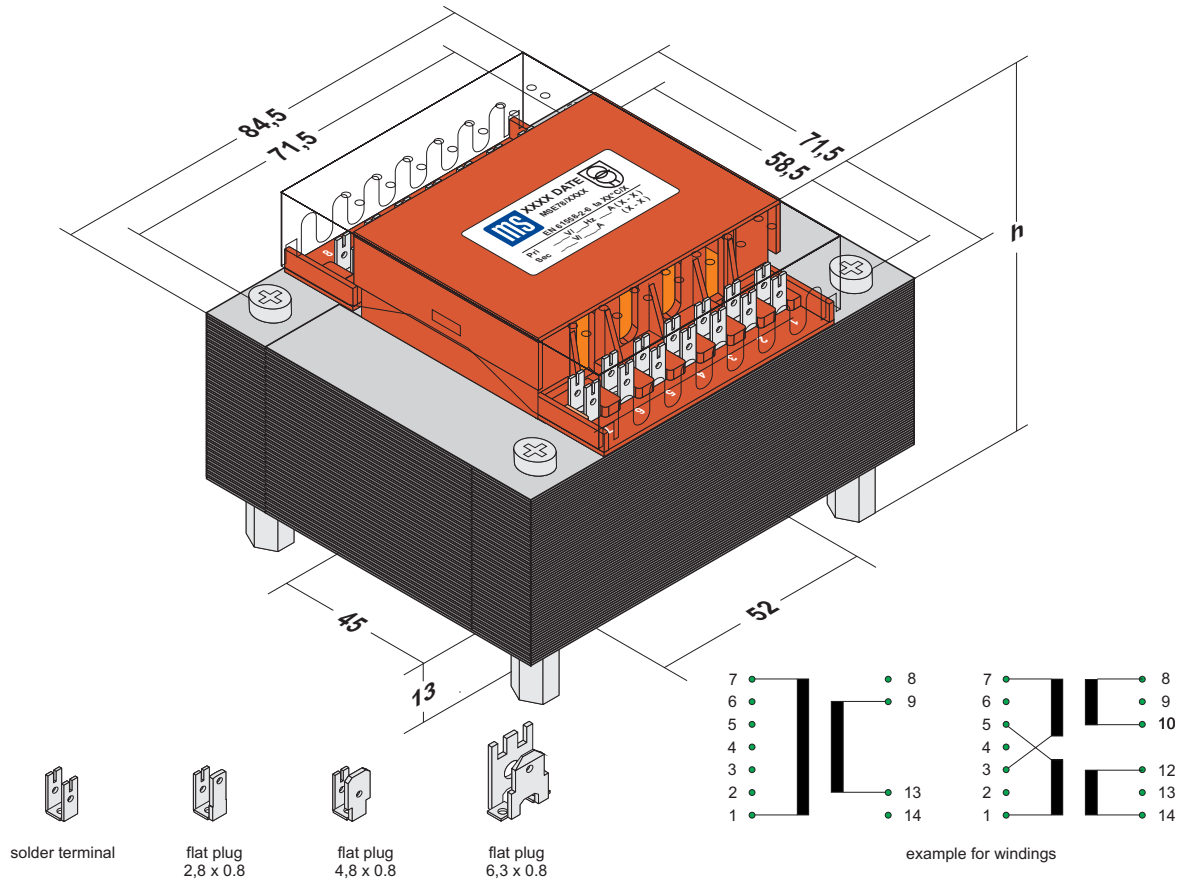
- \* safety transformer satisfying EN 60742 ( VDE 0551 ) / EN 61558-2-6 ( U<sub>0</sub> < 50 V )
- \* construction with fully encapsulated windings; > 8 mm separation (cr and cl) between primary and secondary
- \* approval according EN 61558, SEV, SEMKO, ENEC and CE sign
- \* UL-approval E 182006 on demand
- \* U<sub>0</sub> > 50 V: insulating transformer according EN 61558-2-4
- \* automated production yields highest reliability
- \* extremely small magnetic perturbation field due to optimized core geometry and very good power efficiency
- \* maximum one or two windings primary respectively until four windings secondary
- \* optional: temperature fuse / PTC / fail-safe
- \* optional: with 4 distance bolt M4 x 12

9802

technical changes reserved

# type MSE 78 LP encapsulated

62 ... 142 VA



MSE 78	type size [ mm ]	height h [ mm ]	power [ VA ]			
			ta 40°C/B		ta 70°C/B	
			compact	economy	compact	economy
	MSE 78LP/27,5	57,5	102	86	74	62
	MSE 78LP/40,5	70	142	122	100	86

- \* safety transformer satisfying EN 60742 ( VDE 0551 ) / EN 61558-2-6 ( U<sub>0</sub> < 50 V )
- \* construction with fully encapsulated windings; > 8 mm separation (cr and cl) between primary and secondary
- \* approval according EN 61558, SEV, SEMKO, ENEC and CE sign
- \* UL-approval E 182006 on demand
- \* U<sub>0</sub> > 50 V: insulating transformer according EN 61558-2-4
- \* automated production yields highest reliability
- \* extremely small magnetic perturbation field due to optimized core geometry and very good power efficiency
- \* maximum one or two windings primary respectively until three windings secondary
- \* optional: temperature fuse / PTC / fail-safe
- \* optional: with 4 distance bolt M4 x 13

9708

technical changes reserved

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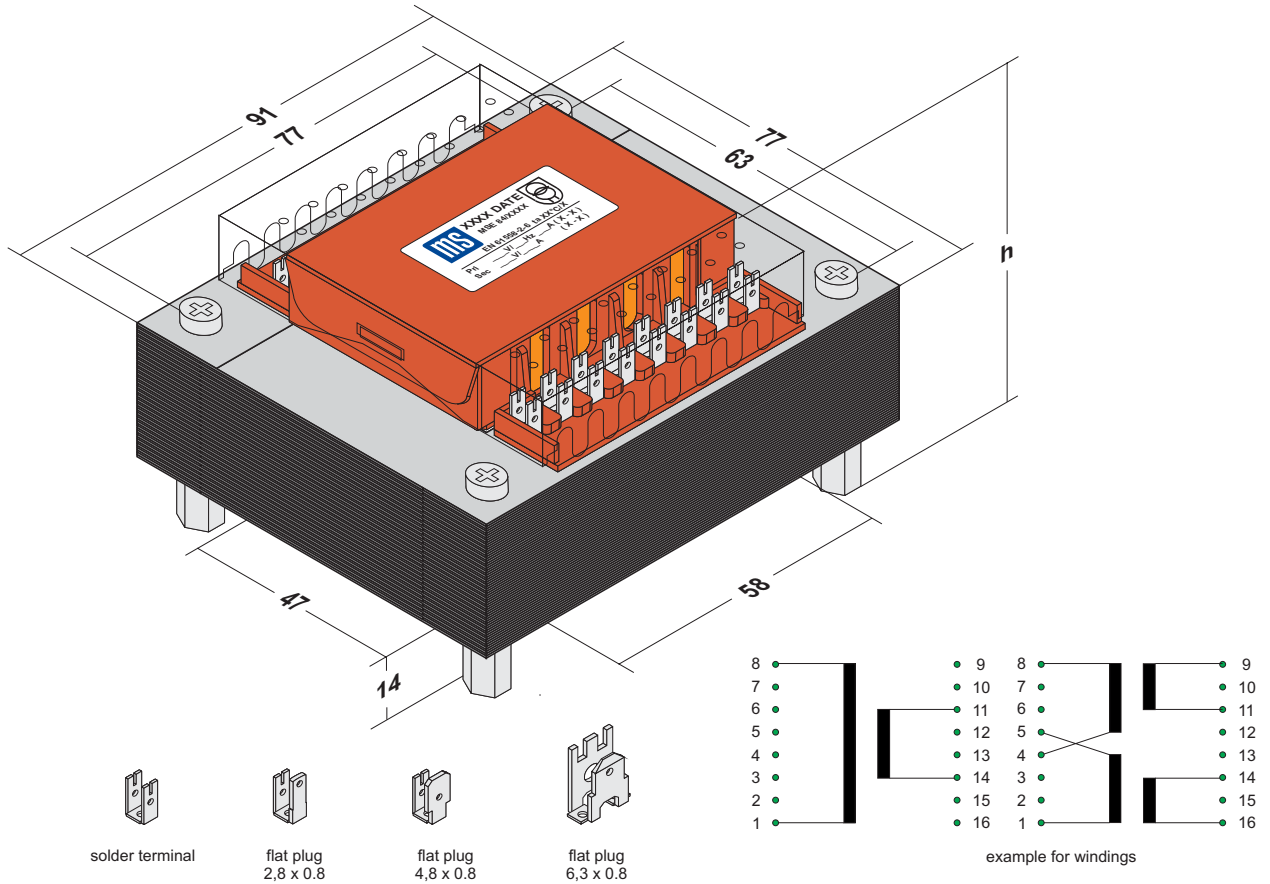
info@ms-transformers.de

www.ms-transformers.de

05.24

# type MSE 84 LP encapsulated

72 ... 155 VA

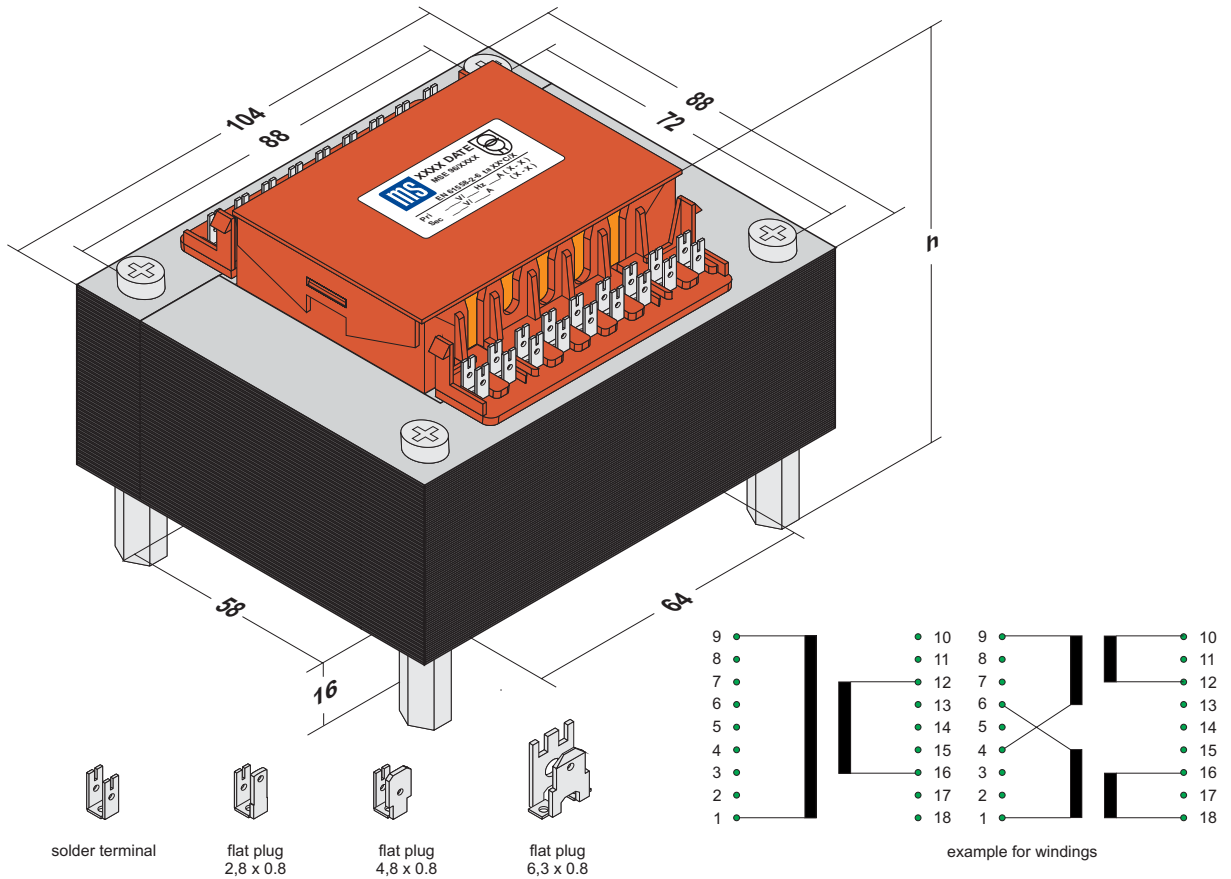


MSE 84	type size [ mm ]	height h [ mm ]	power [ VA ]			
			ta 40°C/B		ta 70°C/B	
			compact	economy	compact	economy
MSE 84LP/29,5	63	115	98	85	72	
MSE 84LP/43,5	77	155	135	115	100	

- \* safety transformer satisfying EN 60742 ( VDE 0551 ) / EN 61558-2-6 ( U<sub>0</sub> < 50 V )
- \* construction with fully encapsulated windings; > 8 mm separation (cr and cl) between primary and secondary
- \* approval according EN 61558, SEV, SEMKO, ENEC and CE sign
- \* UL-approval E 182006 on demand
- \* U<sub>0</sub> > 50 V: insulating transformer according EN 61558-2-4
- \* automated production yields highest reliability
- \* extremely small magnetic perturbation field due to optimized core geometry and very good power efficiency
- \* maximum one or two windings primary respectively until four windings secondary
- \* optional: temperature fuse / PTC / fail-safe
- \* optional: with 4 distance bolt M4 x 15

# type MSE 96 LP encapsulated

# 105 ... 325 VA



MSE 96	type size [ mm ]	height h [ mm ]	power [ VA ]			
			ta 40°C/B		ta 70°C/B	
			compact	economy	compact	economy
	MSE 96LP/30,7	57	195	145	140	105
	MSE 96LP/35,7	74	215	175	160	130
	MSE 96LP/45,7	84	260	220	190	162
	MSE 96LP/59,7	98	325	275	240	200

- \* safety transformer satisfying EN 60742 ( VDE 0551 ) / EN 61558-2-6 ( U<sub>0</sub> < 50 V )
- \* construction with fully encapsulated windings; > 8 mm separation (cr and cl) between primary and secondary
- \* approval according EN 61558, SEV, SEMKO, ENEC and CE sign
- \* UL-approval E 182006 on demand
- \* U<sub>0</sub> > 50 V: insulating transformer according EN 61558-2-4
- \* automated production yields highest reliability
- \* extremely small magnetic perturbation field due to optimized core geometry and very good power efficiency
- \* maximum one or two windings primary respectively until four windings secondary
- \* optional: temperature fuse / PTC / fail-safe
- \* optional: with 4 distance bolt M5 x 18

9802

technical changes reserved