

Bridge Rectifier Modules / SEMIPONT

Type	V_{RRM} V	$I_D @ T_c$ A	T_c °C	$I_{FSM} I_{FSM} @ T_{jmax}$ A	$V_{T(TO)} @ T_{jmax}$ V	$r_f @ T_{jmax}$ mΩ	$R_{th(j-c)}$ cont. per chip K/W	T_j °C	Case	Circuit
1 and 3 phase										
SKB 28	200-1600	28	87	320	0.85	12.0	2	-40 ... +125	1	
SKB 52	400-1800	50	99	425	0.85	8.0	1.5	-40 ... +150	3	
SKB 60	400-1600	60	88	850	0.85	5.0	1	-40 ... +125	2	
SKB 72	400-1800	70	101	640	0.85	5.0	1.1	-40 ... +150	3	
SKBH 28	600-1400	28	89	280	1	16.0	1.8	-40 ... +125	1	
SKBZ 28	400-1400	28	89	280	1	16.0	1.8	-40 ... +125	1	
SKBT 28	600-1400	28	89	280	1	16.0	1.8	-40 ... +125	1	
SKBT 40	800-1400	40	92	400	1	16.0	1	-40 ... +125	2	
SKCH 28	400-1400	28	89	280	1	16.0	1.8	-40 ... +125	1	
SKCH 40	400-1600	40	92	400	1	16.0	1	-40 ... +125	2	
SKDT 60	400-1400	60	86	400	1	16.0	1	-40 ... +125	2	
SKDT 115 ³⁾	1200-1600	110	80	950	1.1	6.0	0.84	-40 ... +125	5	
SKDT 145	1200-1600	145	80	1250	0.9	5.0	0.6	-40 ... +125	5	

Footnotes: 2) In production new / 3) Not for new designs

Bridge Rectifier Modules / SEMIPONT

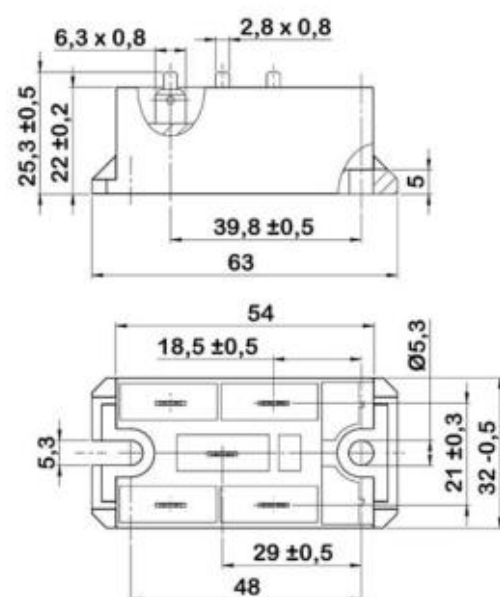
Type	V_{RRM} V	$I_D @ T_c$ A	T_c °C	$I_{FSM} I_{FSM} @ T_{jmax}$ A	$V_{T(TO)} @ T_{jmax}$ V	$r_f @ T_{jmax}$ mΩ	$R_{th(j-c)}$ cont. per chip K/W	T_j °C	Case	Circuit
1 and 3 phase										
SKD 31	200-1600	31	100	320	0.85	12.0	2	-40 ... +125	1	
SKD 60	400-1600	60	102	850	0.85	5.0	1	-40 ... +125	2	
SKD 62	400-1800	60	110	425	0.85	8.0	1.5	-40 ... +150	3	
SKD 82	400-1800	80	110	640	0.85	5.0	1.1	-40 ... +150	3	
SKD 100	400-1600	100	93	1000	0.85	5.0	0.85	-40 ... +125	2	
SKD 110	800-1800	110	100	1000	0.85	4.0	0.9	-40 ... +150	4	
SKD 115	1200-1800	110	85	1150	0.8	7.0	1	-40 ... +150	5	
SKD 145	1200-1800	145	85	1700	0.8	4.0	0.8	-40 ... +150	5	
SKD 160	800-1800	205	85	1500	0.85	3.0	0.65	-40 ... +150	4	
SKD 210	900-1800	207	99	1600	0.85	3.0	0.5	-40 ... +150	4	
SKDH 100	800-1400	100	84	850	1	4.5	0.85	-40 ... +125	2	
SKDH 115	1200-1600	110	80	950	1.1	6.0	0.84	-40 ... +125	5	
SKDH 145	1200-1600	145	80	1250	0.9	5.0	0.63	-40 ... +125	5	
3 phase with brake chopper										
SKD 116/..-L105 ²⁾	1200-1600	110	85	1050	0.8	7.0	1	-40 ... +125	6	
SKD 116/..-L140 ²⁾	1200-1600	110	85	1050	0.8	7.0	1	-40 ... +125	6	
SKD 146/..-L105 ²⁾	1200-1600	140	85	1250	0.8	4.0	0.8	-40 ... +125	6	
SKD 146/..-L140T4 ²⁾	1200-1600	140	85	1250	0.8	4.0	0.8	-40 ... +125	6	
SKDH 116/..L105 ²⁾	1200-1600	110	85	1000	0.8	7.0	1	-40 ... +125	6	
SKDH 116/..L140 ²⁾	1200-1600	110	85	1000	0.8	7.0	1	-40 ... +125	6	
SKDH 146/..-L105 ²⁾	1200-1600	140	85	1250	0.8	4.0	0.8	-40 ... +125	6	
SKDH 146/..-L140 ²⁾	1200-1600	140	85	1250	0.8	4.0	0.8	-40 ... +125	6	

Footnotes: 2) In production new / 3) Not for new designs

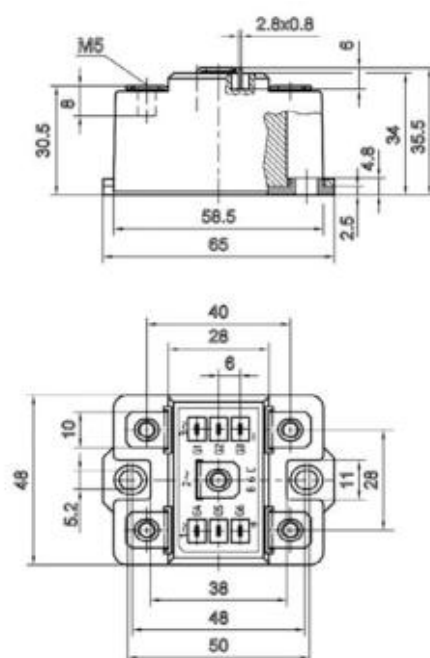
Bridge Rectifier Modules / SEMIPONT

Cases

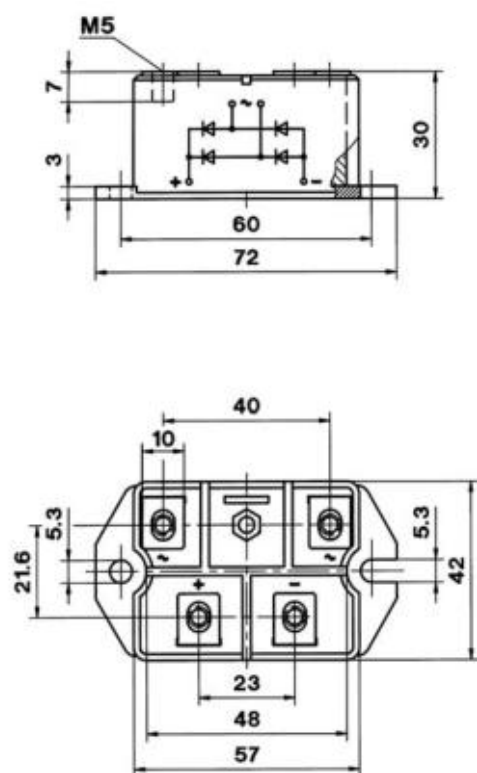
SEMIPONT 1



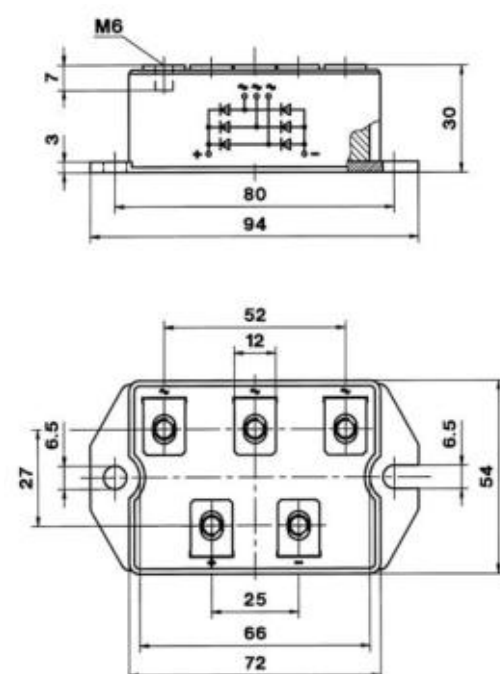
SEMIPONT 2



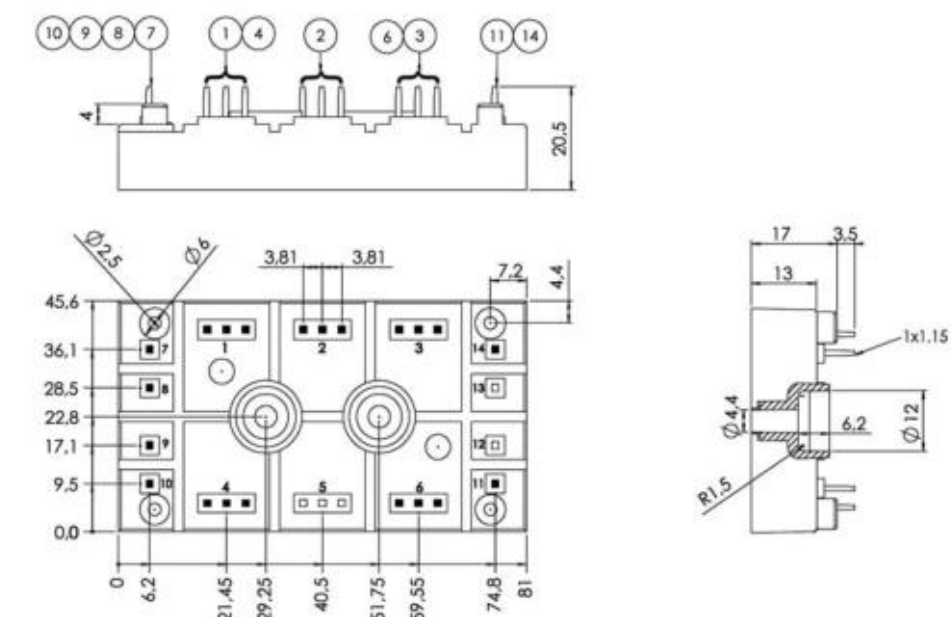
SEMIPONT 3



SEMIPONT 4



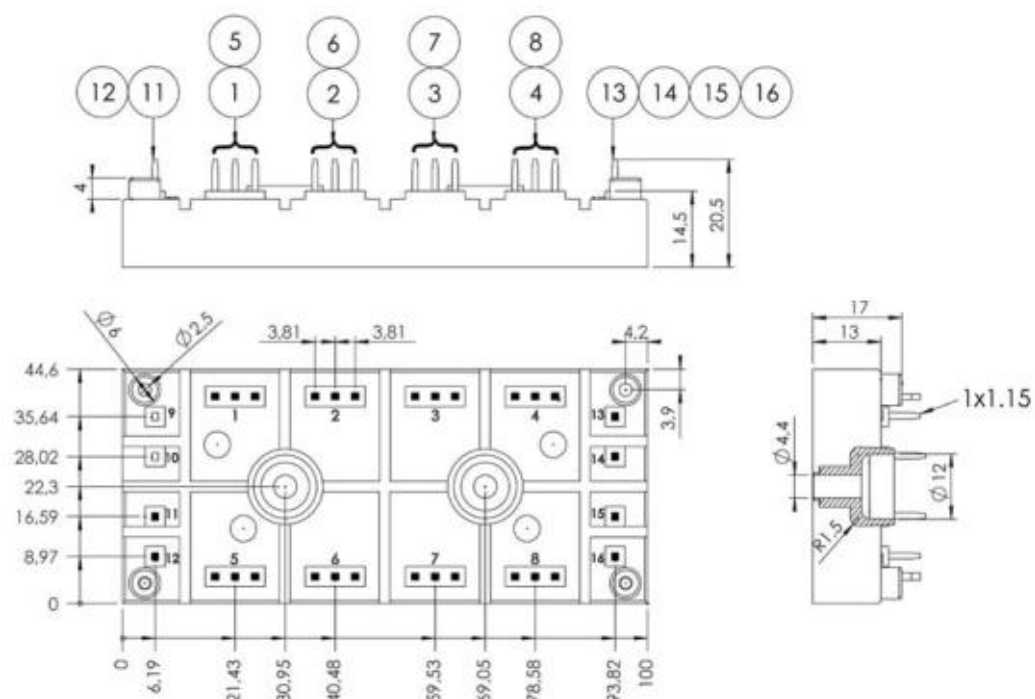
Dimensions in mm



Cases

SEMIPONT 5

SEMIPONT 6



Dimensions in mm