

## List No. 5SV6316-6KP16

B16 30mA 6kA 1P+N Type A AFDD-RCBO (1 Module Width)



- Single module, Miniature AFDD/RCBO combined
- 16A B curve (MCB), 30mA Type A (RCD)
- Single pole with switched neutral
- Neutral & Earth Tail lengths = 600mm
- For use in Alpha BSII Distribution Boards

Number of protected poles         1           Rated voltage         240 V           Rated insulation voltage Ui         264 V           Rated impulse withstand voltage Uimp         4 kV           Rated current         16 A           Rated fault current         0.03 A           Leakage current type         A           Current limiting class         3           Rated short-circuit breaking capacity according to EN 61009         6 kA           Disconnection characteristic         Undelayed           Voltage type         AC           Frequency         50/60 Hz           Release characteristic         B           Concurrently switching neutral conductor         Yes           With interlocking device         No           Ambient temperature during operating         -25 - 40 °C           Width in number of modular spacings         1           Flush-mounted installation         Yes           Anti-nuisance tripping version         Yes           Degree of protection (IP)         IP20           Connectable conductor cross section solid-core         .75 - 16 mm²           Connectable conductor cross section multi-wired         .75 - 16 mm²           Product Standard/s         IEC 61009-1 / IEC 62606           C	Product Specification Data	Revision Date: 29/09/2023
Rated voltage         240 V           Rated insulation voltage Ui         264 V           Rated impulse withstand voltage Uimp         4 kV           Rated current         16 A           Rated fault current         0.03 A           Leakage current type         A           Current limiting class         3           Rated short-circuit breaking capacity according to EN 61009         6 kA           Disconnection characteristic         Undelayed           Voltage type         AC           Frequency         50/60 Hz           Release characteristic         B           Concurrently switching neutral conductor         Yes           With interlocking device         No           Ambient temperature during operating         -25 - 40 °C           Width in number of modular spacings         1           Flush-mounted installation         Yes           Anti-nuisance tripping version         Yes           Degree of protection (IP)         IP20           Connectable conductor cross section solid-core         .75 - 16 mm²           Connectable conductor cross section multi-wired         .75 - 16 mm²           Product Standard/s         IEC 61009-1 / IEC 62606           CE Conformity         Yes	Number of poles (total)	1
Rated insulation voltage Ui         264 V           Rated impulse withstand voltage Uimp         4 kV           Rated current         16 A           Rated fault current         0.03 A           Leakage current type         A           Current limiting class         3           Rated short-circuit breaking capacity according to EN 61009         6 kA           Disconnection characteristic         Undelayed           Voltage type         AC           Frequency         50/60 Hz           Release characteristic         B           Concurrently switching neutral conductor         Yes           With interlocking device         No           Ambient temperature during operating         -25 - 40 °C           Width in number of modular spacings         1           Flush-mounted installation         Yes           Anti-nuisance tripping version         Yes           Degree of protection (IP)         IP20           Connectable conductor cross section solid-core         .75 - 16 mm²           Connectable conductor cross section multi-wired         .75 - 16 mm²           Product Standard/s         IEC 61009-1 / IEC 62606           CE Conformity         Yes	Number of protected poles	1
Rated impulse withstand voltage Uimp  Rated current  Rated fault current  16 A  Rated fault current  0.03 A  Leakage current type  A  Current limiting class  Rated short-circuit breaking capacity according to EN 61009  6 kA  Disconnection characteristic  Undelayed  Voltage type  AC  Frequency  50/60 Hz  Release characteristic  B  Concurrently switching neutral conductor  With interlocking device  Ambient temperature during operating  -25 - 40 °C  Width in number of modular spacings  1  Flush-mounted installation  Yes  Anti-nuisance tripping version  Pegree of protection (IP)  IP20  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  EE C 61009-1 / IEC 62606  CE Conformity  WEEE Symbol	Rated voltage	240 V
Rated current Rated fault current  Rated fault current  Doug A  Current limiting class Rated short-circuit breaking capacity according to EN 61009 Retea short-circuit breaking capacity according to EN 61009 Retea characteristic Undelayed Voltage type AC Frequency Sol/60 Hz Release characteristic B  Concurrently switching neutral conductor Yes With interlocking device No Ambient temperature during operating Vestore in unumber of modular spacings Flush-mounted installation Yes Anti-nuisance tripping version Pegree of protection (IP) Pegree of protection (IP) Pegree of protection fully Connectable conductor cross section multi-wired Product Standard/s CE Conformity WEEE Symbol  16 A  17 A  18 A	Rated insulation voltage Ui	264 V
Rated fault current Leakage current type A Current limiting class Rated short-circuit breaking capacity according to EN 61009 Disconnection characteristic Undelayed Voltage type AC Frequency Sol/60 Hz Release characteristic B Concurrently switching neutral conductor With interlocking device No Ambient temperature during operating -25 - 40 °C Width in number of modular spacings 1 Flush-mounted installation Yes Anti-nuisance tripping version Pegree of protection (IP) Connectable conductor cross section solid-core Connectable conductor cross section multi-wired Product Standard/s CE Conformity WEEE Symbol  A A  O.03 A  A A  A  C  A  A  C  A  C  A  C  A  C  A  C  A  C  A  C  A  C  A  C  A  C  A  A	Rated impulse withstand voltage Uimp	4 kV
Leakage current type  Current limiting class  Rated short-circuit breaking capacity according to EN 61009  Disconnection characteristic  Undelayed  Voltage type  AC  Frequency  Sol60 Hz  Release characteristic  B  Concurrently switching neutral conductor  Yes  With interlocking device  No  Ambient temperature during operating  -25 - 40 °C  Width in number of modular spacings  1  Flush-mounted installation  Yes  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  Yes  WEEE Symbol	Rated current	16 A
Current limiting class  Rated short-circuit breaking capacity according to EN 61009  Disconnection characteristic  Voltage type  AC  Frequency  Release characteristic  B  Concurrently switching neutral conductor  With interlocking device  Ambient temperature during operating  Ves  Width in number of modular spacings  Inti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  AC  Undelayed  AC  No  AC  Ves  AC  Voltage  No  AC  Ves  No  No  No  No  No  Pes  No  No  Pes  1  Flush-mounted installation  Yes  Anti-nuisance tripping version  Yes  Degree of protection (IP)  Connectable conductor cross section solid-core  To 16 mm²  Product Standard/s  IEC 61009-1 / IEC 62606  CE Conformity  Yes  WEEE Symbol	Rated fault current	0.03 A
Rated short-circuit breaking capacity according to EN 61009  Disconnection characteristic  Undelayed  Voltage type  AC  Frequency  Sol/60 Hz  Release characteristic  B  Concurrently switching neutral conductor  With interlocking device  Ambient temperature during operating  Ves  Width in number of modular spacings  1  Flush-mounted installation  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  AC  Undelayed  Undelayed  Undelayed  AC  No  AC  Product Standard/s  EL 61009-1 / IEC 62606  Yes  WEEE Symbol	Leakage current type	A
Disconnection characteristic  Voltage type  AC  Frequency  Frequency  Release characteristic  B  Concurrently switching neutral conductor  With interlocking device  Ambient temperature during operating  Ves  Width in number of modular spacings  Iflush-mounted installation  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  Wes  Ves  Vindelayed  AC  Undelayed  AC  Undelayed  AC  Undelayed  AC   Undelayed  AC   Undelayed  AC   Undelayed  AC   IPS  Wes  No  No  No  No  No  No  Pes  1  IPS  1  IPS  IPS  IPS  IPS  IPS  IP	Current limiting class	3
Voltage type  AC  Frequency  Frequency  Release characteristic  B  Concurrently switching neutral conductor  With interlocking device  Anbient temperature during operating  -25 - 40 °C  Width in number of modular spacings  I  Flush-mounted installation  Yes  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  EC 61009-1 / IEC 62606  CE Conformity  Yes  WEEE Symbol  AC  NO  NO  NO  NO  NO  NO  NO  NO  NO  N	Rated short-circuit breaking capacity according to EN 61009	6 kA
Frequency  Release characteristic  B  Concurrently switching neutral conductor  With interlocking device  Ambient temperature during operating  -25 - 40 °C  Width in number of modular spacings  1  Flush-mounted installation  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  Sologout 1  Flush-mounted installation  Yes  Yes  Yes	Disconnection characteristic	Undelayed
Release characteristic  Concurrently switching neutral conductor  With interlocking device  Ambient temperature during operating  -25 - 40 °C  Width in number of modular spacings  1  Flush-mounted installation  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  B  B  B  B  B  B  B  B  B  B  B  B  B	Voltage type	AC
Concurrently switching neutral conductor  With interlocking device  Ambient temperature during operating  -25 - 40 °C  Width in number of modular spacings  1  Flush-mounted installation  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  Yes  No  -25 - 40 °C  No  -25 - 40 °C  No  -25 - 40 °C   1  Flush-mounted installation  Yes  1  IEC 61009-1 / IEC 62606  Yes  WEEE Symbol	Frequency	50/60 Hz
With interlocking device  Ambient temperature during operating  -25 - 40 °C  Width in number of modular spacings  1  Flush-mounted installation  Yes  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  No  No  No  No  1  C25 - 40 °C  No  1  CE - 40 °C  No  1	Release characteristic	В
Ambient temperature during operating  -25 - 40 °C  Width in number of modular spacings  1  Flush-mounted installation  Yes  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  -25 - 40 °C  1  1  CE - 40 °C  Tes - 40 °C   1  IEC 600°C  Tes - 40 °C   1  IEC 62606  Yes  -25 - 40 °C  1  IEC 62606  Yes	Concurrently switching neutral conductor	Yes
Width in number of modular spacings  Flush-mounted installation  Yes  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  1  Yes  Yes  Yes  1  1  1  1  1  1  1  1  1  1  1  1  1	With interlocking device	No
Flush-mounted installation  Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  Yes  Yes  Yes  Yes  Yes  Yes  Yes	Ambient temperature during operating	-25 - 40 °C
Anti-nuisance tripping version  Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  Yes  Yes  Yes	Width in number of modular spacings	1
Degree of protection (IP)  Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  Product Standard/s  CE Conformity  WEEE Symbol  IP20  .75 - 16 mm²  .75 - 16 mm²  IEC 61009-1 / IEC 62606  Yes	Flush-mounted installation	Yes
Connectable conductor cross section solid-core  Connectable conductor cross section multi-wired  75 - 16 mm²  Product Standard/s  IEC 61009-1 / IEC 62606  CE Conformity  Yes  WEEE Symbol  Yes	Anti-nuisance tripping version	Yes
Connectable conductor cross section multi-wired  .75 - 16 mm²  Product Standard/s  IEC 61009-1 / IEC 62606  CE Conformity  Yes  WEEE Symbol  Yes	Degree of protection (IP)	IP20
Product Standard/s CE Conformity Yes WEEE Symbol Yes	Connectable conductor cross section solid-core	.75 - 16 mm²
CE Conformity  WEEE Symbol  Yes  Yes	Connectable conductor cross section multi-wired	.75 - 16 mm²
WEEE Symbol Yes	Product Standard/s	IEC 61009-1 / IEC 62606
·	CE Conformity	Yes
UKCA Conformity Yes	WEEE Symbol	Yes
	UKCA Conformity	Yes

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this datasheet, specifications and performance data are constantly changing. Latest details can be obtained from the Electrium website.

